

Preface

Thank you for purchasing the H12HW WCDMA handset (hereinafter referred to as this product). For proper handset use, read this manual beforehand. Please keep this manual in a safe place for future reference. If you have any concern, contact Customer Center.

Running environment

Basic requirements for running software:

CPU: Pentium 300 Mhz or above

Memory: 64 MB or above (128 MB or above is recommended)

Harddisk: 64 MB or above free disk space

Operating system: Windows 2000 / Windows 2003 / Windows XP / Windows Vista

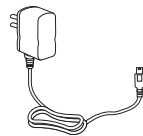
梱包物について

本製品は、世界中のすべての国で使用することができます。WCDMA 1700 と GSM/GPRS 900/1800/1900 ネットワークの切り替えは自動的に行われます。したがって、どこにいても携帯電話で通話することができます。お買い上げいただいた本製品の個装箱には、次のものが1つずつ入っています。

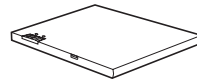
H12HW 携帯電話



携帯用充電器



リチウムイオンバッテリー



イヤホン



USB ケーブル



取扱説明書(本編)

簡易取扱説明書

保証書(本製品)

保証書(AC アダプタ)

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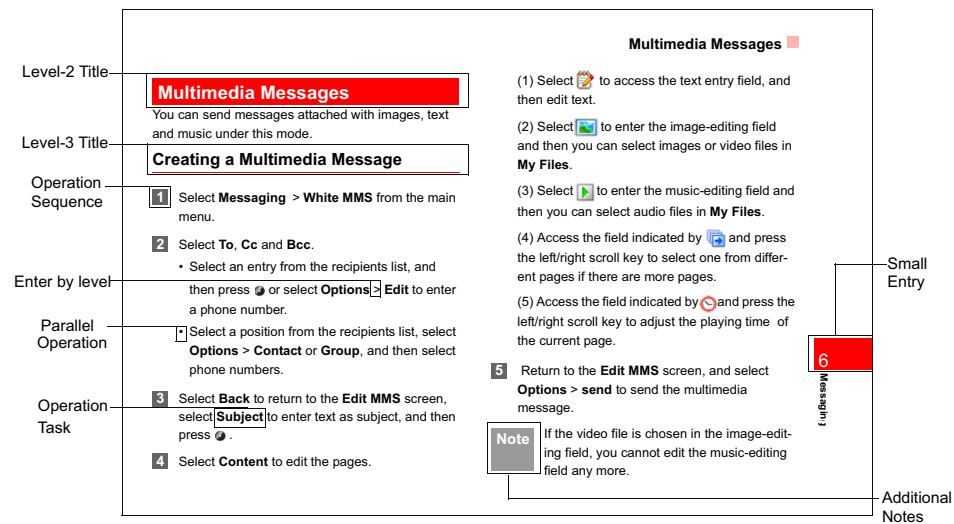
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1 How to Use This Guide






2 Before Using the Phone

安全上のご注意

この「安全上のご注意」は、お使いになる人や、他の人への危害、財産への損害を未然に防ぎ、安全に正しくお使いいただくための内容を記載しています。ご使用の際には、必ず記載事項をお守りください。また、お読みになった後は大切に保管してください。

表示記号の説明


 危険	この表示の内容を無視して、誤った取り扱いをすると、人が死亡または重傷を負う危険が切迫して生じることが想定される内容を示しています。
 警告	この表示の内容を無視して、誤った取り扱いをすると、人が死亡または重傷を負う可能性が想定される内容を示しています。
 注意	この表示の内容を無視して、誤った取り扱いをすると、人が傷害を負う可能性のみが発生が想定される内容を示しています。

図記号の説明

 禁止	本製品の取り扱いにおける禁止事項（してはいけないこと）を示しています。
 分解禁止	本製品を分解すると感電などの傷害を負うおそれがあるので、分解してはいけないことを示しています。
 濡れ手禁止	本製品を濡れた手で扱うと感電するおそれがあるので、濡れた手で触つてはいけないことを示しています。
 水濡れ禁止	本製品を水に濡らすなどして使用すると漏電による感電や発火のおそれがあるので、水に濡らしてはいけないことを示しています。
 風呂、シャワールームでの使用禁止	本製品を風呂、シャワールームで使用すると漏電による感電や発火のおそれがあるので、風呂、シャワールームで使用してはいけないことを示しています。
 指示	本製品の取り扱いにおける指示事項（必ず実行していただくこと）を示しています。

安全上のご注意

図記号の説明

 電源プラグを必ずコンセントから抜く	本製品が動作するパソコンの電源プラグを必ずコンセントから抜いていただくことを示しています。
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具体的な内容は図記号とともに文章で示します。

免責事項

火災および地震などの災害、第三者による行為、その他の事故、お客さまの故意または過失、誤用、その他異常な条件下での使用により生じた損害に関して、当社は一切の責任を負いません。

本製品の使用または使用不能から生ずる付随的な損害（記録内容の変化、消失、通信などの機会を逃したために生じた損害、事業利益の損失、事業の中断など）に関して、当社は一切の責任を負いません。

取扱説明書の記載内容を守らないことにより生じた損害に関して、当社は一切の責任を負いません。当社が関与していない接続機器、ソフトウェアとの組み合わせによる誤作動などから生じた損害に関して、当社は一切の責任を負いません。

主机



警告



指示

必ず専用の機器をご使用ください。指定以外の機器を使用すると、発熱、発火、破裂、故障の原因となります。



指示

車両の運転中に本製品を使用しないでください。交通事故の原因となります。車両を安全な場所に止めてからご使用ください。



禁止

航空機内や病院など、使用を禁止されている場所では使用しないでください。電子機器や医療機器に影響を及ぼすおそれがあり、事故の原因となります。



指示

植込み型心臓ペースメーカーおよび植込み型除細動器を装着されている場合は、装着部位から22cm以上離して携行および使用してください。電波の影響で、植込み型心臓ペースメーカーおよび植込み型除細動器が誤作動することがあります。

■ 安全上のご注意



指示

満員電車の中など混雑した場所では、付近に植込み型心臓ペースメーカーおよび植込み型除細動器を装着している方がいる可能性がありますので、(パソコンの電源を切り、)本製品の使用を控えてください。電波の影響で、植込み型心臓ペースメーカーおよび植込み型除細動器が誤作動することがあります。



指示

医療機関の屋内では以下のことを守って使用してください。手術室、集中治療室(ICU)、冠状動脈疾患監視病室(CCU)には本製品を持ち込まないでください。

- 病棟内では、(パソコンの電源を切り、)本製品を使用しないでください。
- ロビーなどであつても付近に医用電気機器がある場合は、(パソコンの電源を切り、)本製品を使用しないでください。

• 医療機関が個々に使用禁止、持ち込み禁止などの場所を定めている場合は、その医療機関の指示に従ってください。

• 自宅療養など医療機関の外で、植込み型心臓ペースメーカーおよび植込み型除細動器以外の医用電気機器を使用される場合、電波による影響について個別に医用電気機器メーカーなどにご確認ください。電波の影響で、電子機器の動作に影響を及ぼすおそれがあります。

• 高精度な電子機器の近くでは電源を切ってください。電子機器の動作に影響を及ぼすおそれがあります。

※影響を受けるおそれがある機器の例:
心臓ペースメーカー・補聴器・その他医用電気機器・火災報知器・自動ドアなど。心臓ペースメーカーやその他医療用電子機器をお使いの場合は、電波による影響について各機器メーカー、もしくは販売業者にご相談ください。



禁止

本体について、次のことをお守りください。発熱、発火、破裂や感電の原因になります。

- 分解、改造をしないでください。なお本製品の改造は電波法違反になります。
- 直射日光や熱風が直接当たる所、炎天下の車内、暖房器具のそばなど、高温になる所での使用、放置をしないでください。本製品が高温になり、やけどの原因になる可能性があります。
- 電子レンジなどの加熱調理機器や高压容器に入れないでください。
- ガソリンスタンドなど引火、爆発のおそれがある場所では使用しないでください。
- 濡れた手で触らないでください。
- 浴室などで使用したり、水の中につけたりしないでください。
- コップのそばなど、液体がこぼれるおそれがある場所では使用しないでください。

安全上のご注意

- 強い衝撃を与えたり、投げつけたりしないでください。
- 本体やアンテナに無理な力を加えないでください。



指示

万一、異物（金属片・水・液体）が製品の内部に入った場合は、まず AC アダプタをコンセントから抜き、本体の電源を切り、電池パックを外し、ご契約先の問い合わせ窓口にご連絡ください。そのまま使用すると火災や感電の原因となります。





• 煙が出ている、変な臭いがするなどの異常状態には、すぐに AC アダプタをコンセントから抜き、本体の電源を切り、電池パックを外してください。そのまま使用し続けると、発熱、発火の原因となります。煙が出なくなったことを確認してご契約先の問い合わせ窓口などへご連絡ください。

2

Before Using the Phone


■ 安全上のご注意


 落雷のおそれがあるときは、すぐに AC アダプタをコンセントから抜き、電源を切ってください。落雷、感電、発火の原因となります。また屋外の場合は安全な場所へ移動してください。


 指示
航空法第 7 3 条の 4 第 5 項の規定に基づく「平成 1 9 年国土交通省告示第 1 1 2 0 号」にて、航空機内では携帯電話機を常に OFF とする旨、告示されています。航空機にご搭乗される際は「Auto On and Off」を OFF に設定し、ご搭乗頂きます様、お願いします。





注意


 禁止
ぐらついた台の上や傾いた所など、不安定な場所に置かないでください。落下して、けがや故障の原因となります。


 禁止
自動車の電子機器に影響が出る場合は使用しないでください。安全走行を損なうおそれがあります。

 禁止
人が密集している場所では、使用しないでください。アンテナなどでけがをするおそれがあります。

 禁止
アンテナが壊れたままで、使用しないでください。触ったときにやけど、けがの原因となります。

 禁止
アンテナを持って振り回さないでください。本人や他の人にけがをさせる原因となります。また故障の原因となります。

 指示
長時間の連続使用などで本製品が温かくなる場合がありますが、手で触れることのできる温度であれば異常ではありません。ただし、長時間触れたまま使用していると、低温やけどになるおそれがあります。

 指示
故障の原因となりますので、ほこりや湿気の少ない場所に保管してください。

安全上のご注意



指示

小児が使用する際に、保護者が使用方法を間違えていないか確認し、正しい取り扱い方法を教えてください。間違った使用はけがの原因となる可能性がありますので十分にご注意ください



指示

クレジットカードなどを本製品に近づけないでください。クレジットカードなどの磁気カードデータが消えるおそれがあります。



指示

microSD カードを取り外すときは、指でカードを押し込み、カードが出てきても、すぐに指を離さないようにしてください。また、取り付けるときは、カードがカチツと音がするまでしっかりと押し込み、すぐに指を離さないでください。microSD カードを装着しているカードスロットを顔の方に向けて、取り付けたり、取り外さないでください。急に指を離すと、カードが飛び出し危険です。



指示

皮膚に異常が生じた場合は、ただちに使用を止め、医師の診断を受けてください。お客様の体質や体調によっては、かゆみ、かぶれ、湿疹などが生じる場合があります。本製品は以下に記載の材料の使用や表面処。

Parts	Materials	Surface
Outer case	PC resin	Spray-paint
Main lens	Pmma resin	Back print
Battery cover	Aluminum alloy	Spray-paint
Screw cover (below the screen)	PC resin	Back print
Sub Camera Lens	Pmma resin	Back print
Camera Lens	Glass	Back print
Sub Lens	Pmma resin	IML
Volume +/- keys, Rec Key	PC resin	Spray-paint
External port cover	PC resin and TPU latex	Spray-paint

■ 安全上のご注意

Parts	Materials	Surface
Music Key (side)	PC resin	Spary-paint
Strap eyelet	PC resin	Spray-paint
Keypad deco, and direction signs	TPE resin + Rubber resin	Film-paint
Keypad	Thin PC resin	—
Scroll keys	Copper	Surface laser (CD lines)
Keypad frame	TPE latex + Rubber latex	—
OK key	Thin PC resin	Sputtering
Battery connector on the mobile phone	PPS resin, copper	Gold plating on nickel plating
Battery	Resin part: PC resin. Label: PET resin.	—
Battery connect	Copper	Gold plating on nickel plating

Battery

電池パック（リチウムイオン電池パック）について、次のことをお守りください。発熱、発火、破裂や感電の原因になります。



危険



指示

本製品で使用できる電池パックは、（商品コード）または別売の（商品コード）です。これ以外の電池パックは使用しないでください。



指示

装着するとき、電池パックの向きが決められています。本製品にうまく装着できないときは、無理をしないでください。電池パックの向きを確かめてから取り付けてください。



指示






充電には、付属のACアダプタ（商品コード）以外のものを使用しないでください。また、電池パックは指定機器以外の機器には使用しないでください。





安全上のご注意

	直接日光の当たる所や、炎天下の車内、火やストーブのそばなどの高温の場所に 放置 しないでください。
	針を刺す、ハンマーでたたく、踏みつけるなどの強い衝撃を与えたり、投げ付けたりしないでください。外傷、変形の著しい電池パックは 使用 しないでください。
	分解、改造、ハンダ付けを し ないでください。
	水や火の中に投入したり、加熱 し ないでください。
	端子をショートさせないでください。金属小物（鍵、アクセサリ、ネックレスなど）と一緒に持ち運んだり、保管したり し ないでください。
	電源コンセントや自動車のシガレットライターの差し込み口等に直接接続しないでください。ガソリンスタンドなど引火、爆発のおそれがある場所では電源を 切 ってください。

	電池パックからもれた液が眼に入ったときには、きれいな水で洗い、すぐに 医師の治療 を受けてください。失明のおそれがあります。
	電子レンジや高圧容器に 入 れないでください。
	濡れた手で 触 らないでください。
	コップのそばなど、液体がこぼれるおそれがある場所では 使用 しないでください。
	水や海水に浸けたり、雨滴などで濡さないでください。万一、濡れた場合には、 直 ちに使用をやめてください。
	電池パックから液がもれたり異臭がするときは、 直 ちに使用をやめて火気より遠ざけてください。
	電池パックから液がもれたり異臭がするときは、 直 ちに使用をやめて火気より遠ざけてください。

■ 安全上のご注意

	液もれ、変色、変形など今までと異なることに気がついたときは、使用しないでください。
	充電時に所定の充電時間を超えても充電が完了しない場合は、充電を止めてください。
	煙が出ている、変な臭いがするなどの異常状態の場合は、すぐにACアダプタをコンセントから抜き、本体の電源を切り、電池パックを外し、ご契約先の問い合わせ窓口にご連絡ください。そのまま使用し続けると、発熱、発火の原因になります。
	注意
	充電は必ず0～40℃の範囲で行ってください。
	充電方法については、本取扱説明書をよくお読みください。

	電池パック内部の液が皮膚や衣類に付着した場合には、すぐにきれいな水で洗い流してください。皮膚がかぶれたりする原因となることがあります。
	電池パックを本体に装着する際に、サビ、異臭・発熱その他異常と思われるときは、電池パックを本体に装着しないでご契約先の問合せ窓口にご持参ください。
	小児が使用する際には、保護者が取扱説明書の内容を教え、また、使用の途中においても、取扱説明書どおりに使用しているかどうか注意してください。感電やけがの原因となります。
	乳幼児の手の届かない所に保管してください。また、使用する際にも、乳幼児が本製品から取り出さないように注意してください。間違えて飲み込むなど、事故やけがの原因となります。

安全上のご注意

Charger



警告



禁止

本体に接続する AC アダプタは、必ず付属の（商品コード）を使用してください。他の AC アダプタは使用しないでください。



指示

付属の AC アダプタはコンセントに直接接続してください。タコ足配線は過熱し、火災の原因となります。



指示

使用されないときには、安全のため、AC アダプタをコンセントおよび本体から外しておいてください。



指示

煙が出ている、変な臭いがするなどの異常状態の場合は、そのまま使用し続けると、発熱、発火の原因となります。すぐに AC アダプタをコンセントから抜き、本体の電源を切り、電池パックを外し、ご契約先の問い合わせ窓口にご連絡ください。



禁止

表示された電源電圧以外の電圧で使用しないでください。それ以外の電圧で使用されますと、火災の原因となります。

AC アダプタ：（100-240）V



濡れ手禁止

濡れた手で AC アダプタを抜き差ししないでください。感電のおそれがあります。



水濡れ禁止

AC アダプタを水やその他の液体につけたり、濡らしたりしないでください。



水濡れ禁止

コップのそばなど、液体がこぼれるおそれがある場所では使用しないでください。倒れて内部に水などが入りますと、火災や感電の原因となります。



禁止

お客さまによる改造や分解・修理はしないでください。



指示







AC アダプタに強い衝撃を与えたり、投げ付けたりしないでください。











禁止

AC アダプタに針金などの金属を差し込んだりしないでください。

■ 安全上のご注意

 指示	コードを傷つけたり、破損したり、加工したりしないでください。また重いものを載せたり、引っ張ったり、無理に曲げたりするとコードを傷め、火災や感電の原因となります。
 指示	落雷のおそれがあるときは、落雷による感電・火災の防止のため、本体の電源を切り、ACアダプタをコンセントから抜いてください。
 指示	長期間使用されないときには、安全のため、ACアダプタをコンセントおよび本体から外しておいてください。
 注意	
 指示	ACアダプタを抜くときは、コードを引っ張らないでください。コードが傷つき、火災、感電の原因となることがあります。
 指示	周囲温度 0～40℃、湿度 35～85%の範囲でご使用ください。

 指示	直射日光の当たる場所で使用および放置しないでください。
 指示	ほこりの多い場所に置かないでください。
 指示	落下させたり衝撃を与えないでください。
 禁止	コードの根元部分を無理に曲げないでください。
 指示	重いものを載せないでください。
 指示	電源プラグが傷んだり、コンセントの差し込みがゆるいときは使用しないでください。
 指示	布などにくるまないでください。
 禁止	電子レンジや高压容器に入れないでください。

安全上のご注意

USB Cable



危険



禁止

分解、改造しないでください。火災、けが、感電などの事故または故障の原因となります。



指示

火のそばや、ストーブのそば、直射日光の強いところや炎天下の車内などの高温の場所で使用、放置しないでください。

機器の変形、故障、発熱、発火の原因となります。



指示

濡らさないでください。

水やペットの尿などの液体が入ると、感電、火災、故障の原因となります。使用場所、取り扱いにご注意ください。



警告



禁止

電子レンジなどの加熱調理機器や高压容器に、入れないでください。故障や火災の原因となります。



禁止

強い衝撃を与えたり、投げつけたりしないでください。故障や火災の原因となります。



指示

端子に導電性異物（金属片、鉛筆の芯など）が触れないようにしてください。また、内部に入れないようにしてください。

ショートによる火災や故障の原因となります。



指示

雷が鳴り出したら、USB ケーブルには触れないでください。

落雷、感電の原因となります。

2

Before Using the Phone

■ ご使用上のお願い



注意



指示

小児が使用する場合は、保護者が取り扱いの内容を教えてください。また、使用中においても、指示どおりに使用しているかご注意ください。けがなどの原因となります。



指示

乳幼児の手の届かない場所に保管してください。誤って飲み込んだり、けがなどの原因となります。

湿気やほこりの多い場所や高温になる場所での使用や保管はしないでください。故障の原因となります。



指示

USB ケーブルを取り外す場合は、コードを引っ張らずコネクタを持って抜いてください。

コードを引っ張るとコードが傷つき、感電、火災の原因となります。



指示

USB ケーブルのコードの上に重いものを載せたりしないでください。感電、火災の原因となります。

Attached CD-ROM



警告



禁止

付属の CD-ROM は、一般オーディオ用の CD プレーヤーでは絶対に使用しないでください。再生音によって耳を痛めたり、スピーカーを破損するおそれがあります

ご使用上のお願い

共通

- 本製品は防水仕様ではありません。浴室や加湿器のそばといった多湿環境や、雨が降りかかる環境下では使用しないでください。また洗濯機で洗わないでください。故障の原因が水濡れであると判明した場合、保証の対象外となります。
- 次のような極端な温度環境での使用は避けてください。
直射日光の当たる場所、暖房設備やボイラーの近くなど、特に温度が上がる場所。

ご使用上のお願い

- 製氷倉庫など、特に温度が下がる場所。
- エアコン吹出口の近くなどで使用しないでください。温度が急激に変化することにより結露が発生して、故障の原因となります。
 - 落としたり強い衝撃を与えたり曲げたりしないでください。
落としたり、重い物の下敷きにしたり、変な持ち方をして曲げるなど、無理な力を加えないでください。故障の原因となります。この場合、保証の対象外となります。
 - 汚れたり水滴が付いたりしたときは、乾いた柔らかい布で拭き取ってください。アルコール、ベンジン、シンナーなどの薬品や、科学雑巾、洗剤などを用いると、外装や印刷が変質することおそれがありますので、使用しないでください。また、洗濯機で洗わないでください。
 - 湿った衣類のポケットに入れて持ち運ばないでください。
衣類のポケットにこもる汗などの湿気が故障の原因となります。
 - 無理な力がかかるような場所に置かないでください。

- 荷物のつまったカバンに入れるときは、重いものの下にならないようご注意ください。
- 一般の電話機やテレビ・ラジオなどをお使いになっている近くで使用すると、影響を与える場合がありますので、なるべく離れた場所でご使用ください。

本体

- 使用中に本製品が温かくなることがあります。手で触れることのできる温度であれば異常ではありません。そのままお使いください。ただし、長時間触れたまま使用していると低温やけどになるおそれがあります。
- お客様ご自身で本製品に登録された情報は、別にメモを取るなどして保管していただくようお願いいたします。万が一、登録された情報が消失してしまうようなことがあっても、当社としては責任を負いかねますのであらかじめご了承ください。
- ズボンやスカートの後ろポケットなどに本製品を入れたまま、椅子などに座らないでください。ま

■ ご使用上のお願い

たカバンの底など無理な力がかかるような場所には入れないでください。

- 本体を直射日光の当たる所に放置しないでください。変色を起こす場合があります。
- 持ち運ぶときや使用しないときは、必ずキーボードを閉じて、付属のケースに入れてください。ケースに入れずに持ち運ぶと、画面が割れたり傷ついたりします。
- 画面は、ときどき乾いた柔らかい布で拭いて、汚れないようにしてください。汚れたまま画面をタップすると傷つくことや、スタイラスペンのすべりが悪くなる場合があります。
- 表示部を開いた状態で表示部だけを持って移動したり、振り回したりしないでください。本体が外れ、落ちて破損したり故障の原因となります。
- 画面を強く押さえたり、爪や硬いもの、先のとがったもので操作したりしないでください。画面などを傷める場合があります。
- 本体の上に書類などをのせないでください。誤って書類などの上から力を加えると、破損の原因となります。

- 突起部のある硬いもの（クリップなど）と一緒に入れたり、バッグの底に入れないでください。入れかたや取り扱いかた（誤って、ぶつけたり落とすなど）によっては、破損の原因となります。
- スタイラスペンの先や画面の汚れを取って操作してください。汚れたまま操作すると、画面に傷がついたり、スタイラスペンのすべりが悪くなる場合があります。
- 使用中に、強い磁石を近づけないでください。故障の原因となります。

電池パック

- 電池パックは消耗品です。十分に充電しても使用状態などによっても異なりますが、使用時間が極端に短くなったときは電池パックの交換時期です。指定の新しい電池パックをお買い求めください。
- 初めてお使いのときや、長時間ご使用にならなかつたときは、ご使用前に必ず充電してください。
- 電池パックの使用時間は、使用環境や電池パックの劣化度により異なります。

ご使用上のお願い ■

- 電池パックの使用条件により、寿命が近づくにつれて電池パックが膨れる場合がありますが問題ありません。
- 直射日光が当たらず、風通しの良い涼しい場所に保管してください。長時間使用しないときは、使い切った状態で本製品または充電器から外し、電池パックを包装しているビニール袋などに入れて保管してください。

AC アダプタ

- 充電中、AC アダプタが温くなることがあります。異常ではありませんので、そのままご使用ください。
- 強い衝撃を与えないでください。また、充電端子、端子ガイドを変形させないでください。

カメラ

- カメラに直射日光が当たらないようにしてください。直射日光が当たる状態で放置すると、素子の退色刃焼付けを起こすことがあります。
- 大切な撮影をするときは、必ず試し撮りをして正しく撮影されることを確認してください。

- お客さまが本製品を利用して公衆に著しく迷惑をかける不良行為等を行う場合、法律、条令（迷惑防止条例等）に従い処罰されることがあります。撮影や画像送信を行う際は、プライバシー等にご配慮ください。
- 販売されている書類や撮影の許可されていない文字情報の記録には使用しないでください。

USB ポート / カードスロット

- USB ポートや microSD カードスロットなどにゴミやホコリ刃金属片などの異物を絶対に入れないようにしてください。それが入ると、故障や記録内容の消失の原因となります。
- USB ポートや microSD カードスロットなどにはカバーがあります。使用していないときは、カバーを閉じてください。
- The USB cable are not in the range of warranty.
- Clean the connector with a clean cotton bud.
- Clean the USB port with dry and soft cloth.
- Do not forcibly pull the cable. Do not install or uninstall the cable with the method other than the specified one.

■ ご利用いただくにあたって

液晶表示

- 液晶パネルは非常に精密度の高い技術で作られておりますが、画素欠けや常時点灯するものがあります。これらはカラー液晶ディスプレイの構造によるもので故障ではありません。あらかじめご了承ください。
- 画面タップの操作は、付属のスタイラスペンを使ってください。鉛筆やシャープペンシルなどの先のとがったものは、使わないでください。
- 画面や本体に強い力を加えたとき、画面の一部が一瞬黒ずむことがあります。故障ではありません。

ハンドストラップ

ストラップ取り付け穴には、携帯電話用などに販売されている市販のハンドストラップを取り付けることができます。ハンドストラップの種類によっては取り付けられない場合もありますので、店頭で取り付けが可能であることを確認してからご購入ください。なお、ハンドストラップを取り付けた状態でハンドストラップを持って振り回したり、ハンドストラップを強く引っばるなどストラップ取り付け穴に

強い力が加わる行為は行わないでください。故障や破損の原因となります。

公衆の場で使用するとき

- テレビ、ラジオ、携帯電話機など電磁波が発生する物の近くで使用しないでください。お互いに影響を受ける場合がありますので、なるべく離れてご使用ください。
- 本製品が持つ音声通話および通信機能は、日本国内での使用を目的に設計されています。海外では使用しないでください。

ご利用いただくにあたって

サービスエリア内であっても、屋内や電車の中、トンネル、地下、ビルの陰、山間部など電波の伝わりにくいところでは、通信ができない場合があります。また地域的に電波の伝わりにくい場所もありますのであらかじめご了承ください。

本製品はデジタル方式の特徴として電波状態が悪いところであっても高品質な通信を保つことができます。しかし、電波状態が一定以上悪くなった場合に

は、突然通信が途切れることとなります。あらかじめご了承ください。

本製品は高い秘匿性を有しておりますが、電波を使用している以上、第三者に通信を傍受される可能性がないとはいえません。留意してご利用ください。

本製品は日本国内でのご利用を前提としています。海外に持ち出しての使用はできません。

This product is exclusively for use in Japan.

本製品は電波法に基づく無線局ですので、電波法に基づく検査を受けていただくことがあります。

公共の場でご使用の際は、周りの方の迷惑にならないようにご注意ください。

EM chip を取り付けていない状態では使用できません。

本書および本書に記載された製品の使用によって発生した損害、およびその回復に要する費用については、当社は一切の責任を負いません。

本製品の使いかたを誤ったときや静電気、電氣的ノイズの影響を受けたとき、また、故障・修理のときや電池交換の方法を誤ったときは登録している情報が消失する恐れがありますが、当社は一切の責任を負いません。

Profession ■

本製品に登録した情報は必ず別にメモを取るなどして保管してくださるようお願いいたします。

Profession All Rights Reserved


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リサイクルについて

携帯電話 / PHS 事業者は、環境を保護し貴重な資源を再利用するために、お客さまが不要となってお持ちになる電話機端末 / 電池 / 充電器はリサイクルするためご返却できません。プライバシー保護のため、電話機端末に記憶されているお客さまの情報（電話帳、通信履歴、メールなど）は事前に消去してください。

■ Profession

Trademarks

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关于出口管理规制

本製品は日本国内でのご利用を前提としています。海外に持ち出しての使用はできません。

Notice

The information in this manual is subject to change without notice. Every effort has been made in the preparation of this manual to ensure accuracy of the contents, but all statements, information, and recommendations in this manual do not constitute a warranty of any kind, expressed or implied.

Please read the safety precautions carefully to ensure the correct and safe use of your wireless device. For detailed information, refer to the section "Warnings and Precautions" and "Handing Precautions"

携帯電話機の比吸収率 (SAR) について

この機種（型番）の携帯電話機は、国が定めた電波の人体吸収に関する技術基準に適合しています。この技術基準は、人体頭部のそばで使用される携帯電話機などの無線機器から送出される電波が人体の健康に影響を及ぼさないよう、科学的根拠に基づいて定められたものであり、人体側頭部に吸収される電波の平均エネルギー量を表す比吸収率 (SAR: Specific Absorption Rate) について、これが 2W/kg ※の許容値を超えないこととしています。この許容値は、使用者の年齢や身体の大きさに関係なく十分な安全率を含んでおり、世界保健機構 (WHO) と協力関係にある国際非電離放射線防護委員会 (ICNIRP) が示した国際的なガイドラインと同じものとなっています。

この携帯電話機 H12HW の SAR は、0.664 W/kg です。この値は、国が定めた方法に従い、携帯電話機の送信電力を最大にして測定された最大の値です。個々の製品によって SAR に多少の差異が生じることもありますが、いずれも許容値を満足しています。また、携帯電話機は、携帯電話基地局との通信

著作権等について ■

に必要な最低限の送信電力になるよう設計されているため、実際に通話している状態では、通常 SAR はより小さい値となります。

SAR について、さらに詳しい情報をお知りになりたい方は、下記のホームページをご参照ください。

総務省のホームページ

<http://www.tele.soumu.go.jp/j/ele/index.htm>

社団法人電波産業会のホームページ

<http://www.arib-emf.org/index02.html>

イー・モバイルのホームページ

<http://www.emobile.jp/>

(Huawei) のホームページ

<http://www.huawei.com>

The SAR limit adopted by the 1999/519/EC is 2.0 watts/kilogram (W/kg) averaged over ten gram of tissue. The highest SAR value for this device type when tested at the ear is 0.636 W/kg, and when properly worn on the body is 0.631 W/kg.

The SAR limit adopted by the USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC and IC for this device type when tested for use at the ear is 0.961 W/kg, and when properly worn on the body is

0.522 W/kg. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 15 mm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the

■ EM chip の使用方法

equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications made to this equipment not expressly approved by HUAWEI may void the users' authorization to operate this equipment.

EM chip の使用方法

EM chip は EMOBILE が契約時にお客さまにご提供する、当社専用の USIM (Universal Subscriber Identity Module) カードのことです。お客様の携帯電話番号や、認証などに関する情報を記録しており、又、電話帳データや SMS メッセージ用の一定の容量のメモリも備えた IC カードです。電話を使用する前に EM chip を装着してください。EM chip を正しく使用するために、次の注意事項をよく読んでください。

- EM chip の挿入／取り外しを行うときは、過剰な力を加えないようにしてください。
- EM chip の端子または IC チップに触れないでください。性能が低下したり EM chip の認識が妨げられたりすることがあります。
- EMOBILE は、EM chip の分解または変更のために発生したデータの損失や損害に対して責任を負いません。
- 火気や発熱する機器の近くなど、高温になる場所の近くに EM chip を置かないでください。

- EM chipは長時間使用すると熱くなることがあります。これは正常な状態ですので、続けて使用しても問題ありません。
- EM chipは、指定された機器で使用してください。他の機器で使用すると、データが失われたりEM chipが故障したりする場合があります。このような場合、EMOBILEは損失または損害に対して責任を負いません。
- EM chipに対して衝撃を与えたり、ねじ曲げたり、水に濡らしたり、または重い物を上に置いたりしないでください。
- 低温、高温、多湿、またはほこりの多い場所にEM chipを放置しないでください。
- EMチップは子どもの手の届かない場所に保管してください。
- IC部分は清潔な状態に維持してください。
- EM chip ファイルをバックアップしてください。EMOBILEはファイルの損失に対して責任を負いません。
- EM chipの挿入または取り外しは、慎重に行うようにしてください。
- 指定されたEM chipを使用してください。

EM chip の使用方法

- IC部分を破損したり短絡させたりしないでください。



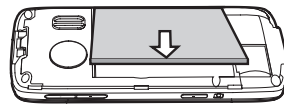
EM chip を取り付ける

- 1 カードスロットの差し込み口にカードを挿入します。このとき、カードの向きが下図と同じになるようにしてください。角が欠けているコーナーが右下になります。次に図に示すようにスライドさせます。

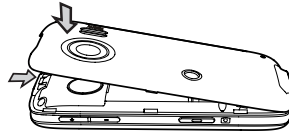


- 2 本体の後部にあるバッテリースロットにバッテリーを入れます。カチッと音を立ててバッテリーが適切な位置に収まるまでバッテリーを押し下げます。

■ EM chip の使用方法



- 3 背面カバーをスライドさせて本体に取り付けます。

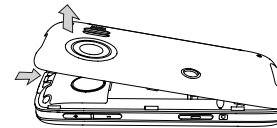


EM chip を取り外す

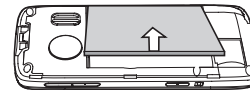
必ず電話の電源を切った後で EM chip とバッテリーを取り外してください。電源を切らないと、電話が破損する場合があります。

EM chip を取り外すには、次の手順に従います。

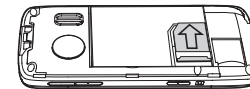
- 1 電話から背面カバーを取り外します。



- 2 バッテリーを取り出します。



- 3 1本の指で EM chip を押さえながら、スロットからスライドさせて取り出します。



EM chip の PIN ■

EM chip の PIN

PIN

PIN（個人識別番号）コードは、EM chip が不正に使用されるのを防ぐために使用されます。EMOBILE が EM chip をご提供する場合には、PIN をお客様にご提供しておりますが、ローミング等でご利用の際は、他の通信事業者様の SIM カードをご利用の場合には、通信事業者様から提供されている事を御確認ください。PIN コードを紛失した場合は、最寄りの販売店、又はカスタマー・センターにお問い合わせください。尚、他の通信事業者様の SIM の場合は、その通信気業者様にお問い合わせください。

PIN2

EM chip では PIN2 コードが提供されます。「固定ダイヤル番号」のような一部の特殊な機能は、PIN2 コードを入力するまで利用できません。また、EM chip がこれらの機能をサポートしている必要があります。

PUK

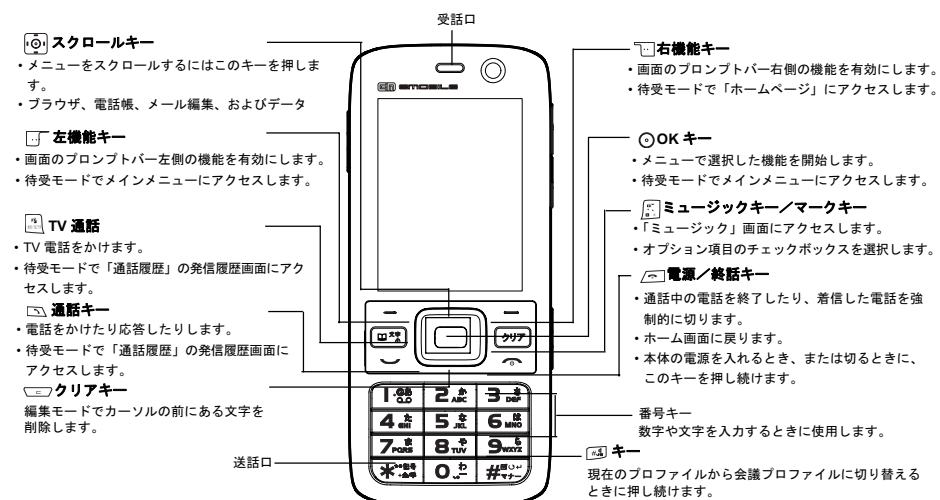
ロックされている EM chip のロックを解除するには、PUK（PIN 解除キー）コードを入力する必要があります。通常、サービスプロバイダから EM chip を入手したときに PUK コードが提供されます。PIN コードを入手していなかったり紛失したりした場合は、サービスプロバイダにお問い合わせください。

PUK2

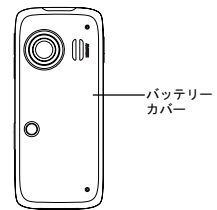
EM chip では、ロックされている PIN2 コードのロックを解除するために使用する PUK2 コードが提供されます。通常、サービスプロバイダからカードを入手したときに PUK2 コードが提供されます。PIN コードを入手していなかったり紛失したりした場合は、サービスプロバイダにお問い合わせください。

■ 各部の名称と機能

各部の名称と機能



正面と背面



側面

カメラキー

- 本体を開いて待受モードで押し続けると、カメラが有効になります。
- 本体を閉じて待受モードで押し続けると、オーディオファイルの再生時にはミュージック操作キーがロック/ロック解除されます。それ以外の場合には録音を開始/終了します。



音量キー

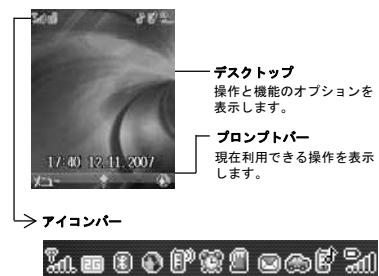
- 待受モードまたは通話中に音量を調節するには、これらのキーを押します。
- これらのキーを押すと、オーディオファイルの再生時にスピーカー音量を調節できます。

ミュージックキー

- 待受モードでこのキーを押し続けると、最新のミュージック再生画面にアクセスできます。またはミュージック再生画面が終了します。

■ 各部の名称と機能











待受画面



















アイコン	説明
	信号強度を示します。縦向き棒が多いほど信号が強いことを表しています。
	ネットワーク信号がありません。
	ローミングサービスを使用しています。







アイコン	説明
	電話は現在 GSM ネットワーク内にあります。
	GSM ネットワークと GPRS ネットワークの両方を利用することができます。
	GPRS ネットワークでデータサービスを実行しています。
	電話は現在 WCDMA ネットワーク内にあります。
	WCDMA ネットワークとデータサービスの両方を利用することができます。
	WCDMA ネットワークでデータサービスを実行しています。
	HSDPA ネットワークとデータサービスの両方を利用することができます。
	HADPS ネットワークでデータサービスを実行しています。

各部の名称と機能

アイコン	説明
	Bluetooth 機能は有効ですが、他のデバイスから携帯電話を検出することができません。
	Bluetooth 機能が有効になっていて、他のデバイスから携帯電話を検出することができます。
	Bluetooth での転送を実行しています。
	<ul style="list-style-type: none"> ネットワークの接続状態を示します。 電話を介して PC がインターネットに接続されています。
	ネットワークのセキュリティ接続状態を示します。
	電話が呼び出されています。
	着信した電話発信をすべて回線 1 に転送しています。
	現在、回線 2 が有効です。
	着信した電話発信をすべて回線 2 に転送しています。
	アラームが有効です。

アイコン	説明
	SD カードが挿入されています。
	SD カードからデータが電話に転送されています。
	SD カードが無効です。
	新しいテキストメッセージがあります。
	新しいプッシュメールがあります。
	新しいマルチメディアメッセージがあります。
	新しい留守番電話があります。
	標準モードが有効です。
	マナーモードが有効です。
	サイレントモードが有効です。
	アウトドアモードが有効です。
	ドライブモードが有効です。
	イヤホンモードが有効です。
	オンラインモードが有効です。
	個別モード 1 が有効です。
	個別モード 2 が有効です。

■ バッテリーを充電する

アイコン	説明
	着信音が有効です。
	バイブレーターが有効です。
	ミュートモードが有効です。
	着信音とバイブレーターが有効です。
	バッテリーの電力レベルを示します。棒が多いほどバッテリーの電力レベルが高いことを示します。
	バッテリーの残量が低下しています。

バッテリーを充電する

バッテリーを充電する前の注意事項

バッテリーを充電する前に、注意事項をよく読んでおいてください。(→ P2)

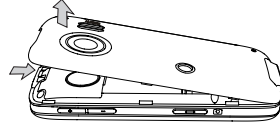
- 注**
- 初めてバッテリーを充電するときは、最低12時間は充電してください。

- 使用していなくてもバッテリーは放電されます。長期間使用しなかった場合は、充電してから使用するようください。
- 充電時間は周囲温度とバッテリーの使用期間によって異なります。
- バッテリーは充電できますが徐々に劣化します。通常通りにバッテリーを充電しても、電力の供給時間が通常より短い場合は、同じ種類のバッテリーに交替してください。
- バッテリーに対して衝撃を与えたり、放り投げたり、乱暴に扱ったりしないでください。液もれ、本体の損傷、過熱、爆発、または発火する可能性があります。
- 本体に付属の充電器を使用してバッテリーを充電してください。

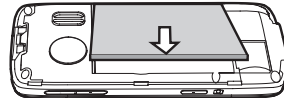
バッテリーの取り付けと取り外し

必ず電話の電源を切った後でバッテリーを取り外してください。電源を切らないと、電話が破損する場合があります。

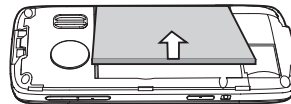
- 1 電話から背面カバーを取り外します。



- 2 本体の後部にあるバッテリースロットにバッテリーを入れます。カチッと音を立ててバッテリーが適切な位置に収まるまでバッテリーを押し下げます。

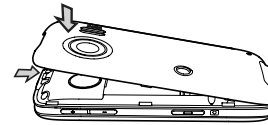


バッテリーを取り出します。



バッテリーを充電する ■

- 3 背面カバーをスライドさせて本体に取り付けます。

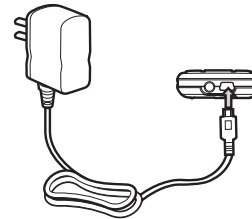


2
お使いになる前に

ケーブル充電器を使って充電する

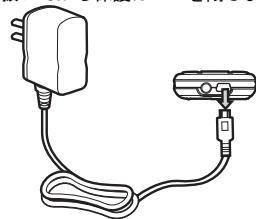
ケーブル充電器を使ってバッテリーを充電する前に、バッテリーが本体に正しく取り付けられていることを確認してください。

バッテリーを充電するには、次の手順に従います。



■ 電源のオン/オフ

- 1 上の図に示すように、本体のコネクタに充電器のプラグを差し込みます。プラグを差し込む前に、充電器の出力ジャックの矢印が電話の前面を指していることを確認してください。
- 2 充電器のコネクタを電源ソケットに差し込みます。
- 3 バッテリーの充電中は、充電インジケータが点滅し続けます。充電インジケータの点滅が止まったら、バッテリーの充電が完了したことを示します。
- 4 充電が完了したら、電源ソケットから電源アダプタのプラグを抜き、携帯電話から充電器のプラグを抜いてから保護カバーを閉じます。




注

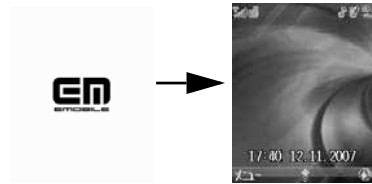
- 電源をオフにして本体を閉じた状態で充電している間、バッテリーの電力レベルを示す棒状のアイコンが画面に表示され、点滅し続けます。棒状のアイコンの電力レベルが最大になり点滅が止まると、充電が完了したことを示します。
- 本体を閉じて電源を入れた状態で携帯電話を充電すると、バッテリーアイコンは外付けディスプレイの右上で点滅します。しばらくすると、外付けディスプレイは自動的にオフになります。側面のキーに軽く触れると充電状態を確認することができます。バッテリーアイコンの点滅が止まると充電は完了です。

電源のオン/オフ


電源を入れる

- 1 本製品の本体を開きます。

- 2 携帯電話の電源が入るまで  を押し続けます。



電源を切る

- 1 携帯電話の電源が切れるまで、 を押し続けます。

日付と時刻を設定する

- 1 「設定」 > 「一般設定」 > 「日付／時刻設定」を選択します。
- 2 日付と時刻を入力します。

注

- ・タイムゾーンの設定 (→ P165)
- ・夏時間の設定 (→ P165)

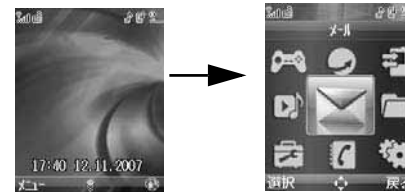
日付と時刻を設定する


- ・日付表示形式の設定 (→ P135)
- ・携帯電話の日付と時刻は、2000年1月3日午前0時から2099年1月1日午前0時までに制限されています。

機能呼び出す

メインメニューから機能呼び出す

- 1 待受画面で  を押します。



- 2 目的の機能を選択し、 を押します。


2
お買いになる前に

■ 機能呼び出す

メインメニューに表示されるアイコンと意味		
 <p>エンターテイメント カメラとミュージックアプリケーションを使用します。</p>	 <p>ブラウザ モバイルインターネットの使用と設定を行います。</p>	 <p>通話履歴 通話履歴アプリケーションを使用します。</p>
 <p>ミュージック ミュージックとプレイリストアプリケーションを使用します。</p>	 <p>メール メールまたはSMSを作成/表示します。</p>	 <p>データフォルダ 本体/マイクロカードに保存されているファイルを表示します。</p>
 <p>ツール アラームやカレンダーを設定します。</p>	 <p>電話帳 通話先、メール送信先を登録します。</p>	 <p>設定 電話の設定を調整/カスタマイズします。</p>

ショートカットキーを使って機能画面を表示する

待受画面に表示されるデフォルトのショートカットキーの役割を以下に示します。

ショートカット	説明
	EMnetのWebサイトにアクセスします。
	通話履歴にアクセスします。
	ミュージックにアクセスします。
	ブラウザにアクセスします。
	電話帳にアクセスします。
	「メール編集」画面にアクセスします。
	データフォルダにアクセスします。
	通話履歴にアクセスします。
	標準モードとマナーモードを切り替えます(最低1秒間押し続けます)。

ナビゲーションのショートカットの設定 (→ P136)

メモ리카ード

本製品では、メモリ容量が最大 2GB の microSD カードをサポートしています。

メモ리카ードを使用する前に

microSD メモ리카ードの使用と取り扱いに関して、次の注意事項に注意してください。

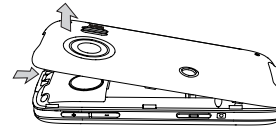
- メモ리카ードにラベルやシールを貼らないでください。カードの性能に影響したり情報が失われたりする可能性があります。
- メモ리카ードは高精度な電子機器です。メモ리카ードをねじ曲げたり、強い衝撃を与えたりしないでください。情報が失われたり、接触不良を起こしたりする可能性があります。
- メモ리카ードを分解したり改造したりしないでください。
- メモ리카ードは、ほこりが多い場所、多湿、または高温な場所から離れた場所に保管してください。
- メモ리카ードの端子に触ったり、端子を金属に接触させたりしないでください。

メモ리카ード ■

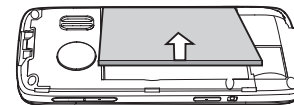
- 熱源を避け、火のある場所に放置しないでください。
- 侵食性のガスがある場所では使用しないでください。
- メモ리카ードは消耗品です。カードの性能は使用に伴って劣化します。

メモ리카ードの取り付け／取り外し

- 1 電話から背面カバーを取り外します。



- 2 バッテリーを取り出します。



- 3 次の図に示すように、スロットにメモ리카ードを差し込みます。

■ イヤホンとイヤホン変換アダプタ



- 4 メモリカードを取り外す場合、本体の電源を切ってバッテリーを取り外します。メモリカードを軽く押し込みます。メモリカードは自然に外れます。次の図に示すように取り出します。



イヤホンとイヤホン変換アダプタ イヤホン

次の図に示すように、本体にイヤホンを接続します。






3 Basic Operations


Making a Call

For operations about mobile phone **Contacts**.

(→ P59) For operations about video calls. (→ P68)

Making a Voice Call

- 1 Enter a phone number.
 - Enter a phone number through the keypad.
 - Press , and choose a number from **Call Log**.
 - Select a number in **Contacts**. For detailed operations, refer to **Contacts**.
- 2 Press  to dial out.
- 3 Press  to end the call.

Note To delete a wrong number, press  once to delete the digit to the left of the cursor.

Making a Call Using SDN

- 1 In **Contacts**, set the **Speed Dial Number (SDN)**. (→ P64)

- 2 In Standby mode, press the predefined SDN key for 1+ seconds to make a voice call.

Answering or Rejecting a Call

Your mobile phone rings or vibrates when there is an incoming call. If the number of the incoming call is in **Contacts**, the corresponding name is displayed.

Setting the Answer Mode




You can set the following answer modes. (→ P139)

- Open flip
- Any key
- Send key
- Enable and set **Auto answer**.


Answering a Call When the Auto Answer Is Disabled

- 1 Answer a call:
 - Open flip: You can answer a call when you open the flip.

■ Answering or Rejecting a Call

- Any key: Open the flip, press any key except  and  to answer a call.
- Send key: Open the flip, press  to answer a call.
- If the headset is plugged in, press the headset key to answer a call.

2 End a call:

- Close the flip or press  to end a call.
- If the headset is plugged in, press the headset key to end a call.

Answering a Call When the Automatic Answer Is Enabled

1 Answer a call:

- Immediate answer: Your mobile phone answers the call after 5 seconds.
- Message: Your mobile phone sends the pre-defined SMS to the calling party after 20 seconds.
- Recorded message: The mobile phone plays the 10 seconds record after 20 seconds, and


then records the calling party's message.
(→ P139)

2 End a call:

- Close the flip or press  to end a call.
- If the headset is plugged in, press the headset key to end a call.

Rejecting Calls

When the mobile phone rings or vibrates,

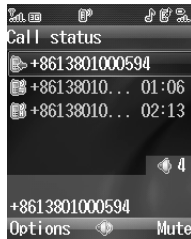
- Press  to reject the incoming call.
- When the H12HW is not in a call, press the volume keys for 2+ seconds to reject the call.
- When the flip is opened, close the flip to reject the call.




Note

- The headset key functions only when you answer or end a call. You cannot reject a call with the headset key.
- When the flip is closed and the mobile phone is in a call, press the camera key for 1+ seconds to disable the incoming call ringtone.

Operations During a Voice Call

Icon Description



- : A voice call is ongoing.
- : The voice call is on hold.
- : There is a new incoming voice call during a call.

Operations During a Voice Call


Adjusting the mobile phone Volume

- 1 While in a call, press the side volume keys to adjust the volume.

Making a Second Call

Enable **Call waiting** first. (→ P165)



In this case, you can make or answer many calls during a call. Add max to 6 parties.

- 1 Edit a phone number:
 - Enter a phone number;
 - Select **Options** > **New call**. Enter the phone number;
 - Select **Options** > **Other applications** > **Contacts**. Select a phone number from **Contacts**.
- 2 Press  to dial out.


Holding a Call

When you enable the Hold, the calling party can only hear the Hold tone. You can answer another call.

■ Operations During a Voice Call

- 1 During a call, press  or select **Options > Hold** to enable the Hold function.
- 2 Press  or select **Options > Resume** to resume a call.

Switching Between Handsfree and Earpiece

- 1 During a call, press  to switch between the handsfree device and the earpiece.

Starting/Stopping Recording


You can record the voice of the calling party during a call.

- 1 Select **Options > Start recording** to start the record.
- 2 Select **Options > Stop recording** stop the record.

Note • When the record completes, the audio file is automatically saved to the **File/Music** folder.

- During a call, when the call ends the record automatically stops. The audio file is automatically saved to the **File/Music** folder.

Other Operations During a Voice Call




Item	Description
Mute/ Unmute	During a call, you can press  to make your voice mute or to restart the conversation by pressing it again.
Swap	Select Options > Swap to swap between calls during a 3-part call.
Conference call	If there are three or more parties involved in the same call, you can select Options > Conference call to add all the saved parties into a conference. Add max to 6 parties to a conference call.
Private call	During a conference call, you can select Options > Private call to talk privately to one of the parties who involved in the call conference.

Item	Description
End	During the call, you can select Options > End to end all calls, the active call, the current call or the on hold call.
Contacts	During the call, you can select Options > Other Applications > Contacts to access the Contacts screen.
SMS	During the call, you can select Options > Other Applications > SMS to access the SMS screen.
Call Log	During the call, you can select Options > Other Applications > Call Log to access the Call Log screen. P41





Note For all Multiparty Calls, Call Waiting should be enabled. The Call Waiting function needs to be subscribed.

Call Log

Call Log


- 1 Press  or  to access the **Call Log** screen.
- 2 Press  or  to switch between **All calls**, **Missed**, **Received** and **Dialed**.




Item	Description
 All calls	All incoming and outgoing calls.
 Missed	All missed incoming calls.
 Received	All received incoming calls.
 Dialed	All outgoing calls.


■ Call Log

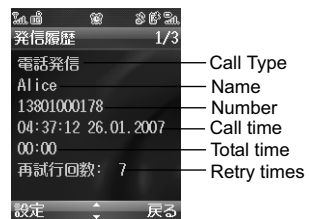
Icon Description

: A call is ongoing.







: The call is on hold.

Viewing a call log detail





- 1 In the **All calls**, **Missed**, **Received** or **Dialed** screen, select one call log, and then press  to view the detail.



Making a Call Using the Call Log

- 1 Press  or  to access the **Call Log** screen.
- 2 Press  to switch between **All calls**, **Missed**, **Received** and **Dialed**.
- 3 Press  to select a call log record.
- 4 Press  to make a voice call.
Press  to make a video call.

Saving a number

- 1 Press  or  to access the **Call Log** screen.
- 2 Press  to switch between **All calls**, **Missed**, **Received** and **Dialed**.
- 3 Press  to select a call log record.
- 4 Select **Options** > **Save number**.

- Save to phone: to save the numbers of the selectes record to the phone.
- Save to SIM: to save the numbers of the selectes record to USIM card.
- Append to existing: to save the numbers of the selectes record to an existing contact.

Deleting Call Log Records

Delete one call log record.

- 1 Press or to access the **Call Log** screen.
- 2 Press to switch between **All calls, Missed, Received** and **Dialed**.
- 3 Press to select a call log record.
- 4 Select **Options > Delete > Yes**.

Delete all call log records.

- 1 Press or to access the **Call Log** screen.
- 2 Press to switch between **All calls, Missed, Received** and **Dialed**.

Call Log

- 3 Select **Options > Mark all**.

- 4 Select **Options > Delete > Yes**.

Call log options





Select **Options** in the Call log screen for the following options.

Item	Description
Edit before call	To edit the number before making a call.
Write SMS	To access Edit SMS screen.
Save Number	To save the numbers of the selectes record. (→ P42)
Call	To make a call. (→ P42)
Display mode	You can select Normal to display all records or select Simple to ignore the repeated records.
Delete	To delete the call log records. (→ P43)
Mark/Unmark	To mark/unmark a record or all records.
Calls status	Display the information of voice calls, video calls or data services.P44

■ Calls status

Calls status

Display the information of voice calls, video calls or data services. You can perform this function on the screen of missed calls, the received calls or the dialed calls.

- 1 Press  or  to access the **Call Log** screen.
- 2 Press  to switch between **All calls**, **Missed**, **Received** and **Dialed**.
- 3 Press  to select a call log record.
- 4 Select **Options > Calls status**.
 - Voice call: Displaying the last voice call duration, the incoming voice call duration, the outgoing voice call duration, the total time of all voice calls, and the last reset time.
 - Video call: Displaying the last video call duration, the incoming video call duration, the outgoing video call duration, the total time of all video calls, and the last reset time.

- Data: Displaying the total uplink flow, the total downlink flow, and the total connecting duration; the last uplink flow, the last downlink flow, and the last connecting duration; and the last reset time.

Note

- From any of the Voice call, Video call or Data service screen, you can reset all the statistic information on that screen by selecting **Reset**.
- If you do not reset the time, the latest reset time will not be displayed.

Emergency Calls

Call 110(police), 119(Fire&Ambulance) or 118(Coast Guard) even when some mobile phone restrictions are active.

H12HW Status	Available Numbers
Offline mode is active. (→ P133)	None
Phone lock is active. (→P143)	110,119,118
PIN lock is active. (→ P143)	110,119,118



H12HW Status	Available Numbers
USIM card is not insert.	110,119,118

Note You can use your phone for emergency calls. However, connections in all conditions cannot be guaranteed. You should never rely solely on the phone for essential communications.

My number


Your mobile phone automatically obtains your number from the USIM card. You can view and edit the number.

View My number

- 1 Select **Settings** in the main menu.
- 2 Press  to select **Call settings > My number**.
- 3 Into the My number screen, press  to view the selected number.

My number

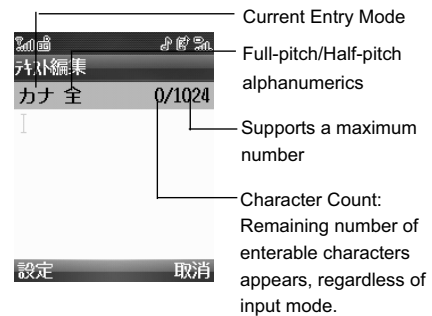
Edit My number

- 1 In the My number screen, press  to select a number.
- 2 Select **Options**,
 - Edit number: Edit the selected number.
 - Edit name: Edit the name of the specified number.
 - Delete: Delete the select number and the corresponding name.

4 Text Entry


Enter hiragana, kanji, katakana, alphanumeric, symbols, and pictographs.

Text Input Interface






Switching Input Modes

Text entry modes may be limited in some text entry fields or windows.

1 In a text entry window, press .

2 Select **Input mode**.

3 Select an input mode and press .

- Note**
- Press  to switch between input methods, including **Kanji**, **Kana**, **Abc**, **ABC**, **abc**, and **numbers**.
 - To switch between full pitch and half pitch, select **Options > Full Pitch/Half Pitch**. Except the Kanji input mode, you can press and hold  to switch between full pitch and half pitch.

Keypad Assignments


Keypad Assignments

Multiple character are assigned to each key. Press a key repeatedly until the target character appears.

Keypad	Input Modes			
	Kanji/Hiragana (Full Pitch)	Katakana (Full Pitch/Half Pitch)	Alphanumerics (Full Pitch/Half Pitch)	Numbers (Full Pitch/Half Pitch)
1.	あいうえおあいうえお	アイウエオアイウエオ	. @ ! ?	1
2.	かきくけこ	カキクケコ	a b c A B C 2	2
3.	さしすせそ	サシスセソ	d e f D E F 3	3
4.	たちつてとつ	タチツテトツ	g h i G H I 4	4
5.	なにぬねの	ナニヌネノ	j k l J K L 5	5
6.	はひふへほ	ハヒフヘホ	m n o M N O 6	6
7.	まみむめも	マミムメモ	p q r s P Q R S 7	7
8.	やゆよやゆよ	ヤユヨヤユヨ	t u v T U V 8	8
6.	らりるれろ	ラリルレロ	w x y z W X Y Z 9	9
9.	わをんわ、。ー●～ ! ? Space	ワヲンー Space	Space 0	0

4
Text Entry

■ Entering Characters

Note Press  to delete the letter before the cursor.

Entering Characters


- Switching input mode. (→ P46)

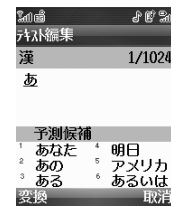
Entering Kanji/Hiragana

In Kanji mode, enter kanji and hiragana. Example, enter 合うする

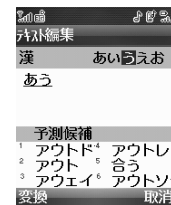
- 1 In a text entry window, select Kanji.




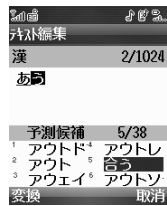
- 2 To enter hiragana, press  and select あ .



- 3 Press , press  three times, and then select う .





- 4 Press and hold  until 合う is displayed. Select 合う .



- 5 Press  to enter 合う .



Entering Characters ■

- 6 Press  three times, and then  to enter す . Enter る in the same way.

Entering Katakana



In FullPitch Kana or HalfPitch Kana mode, enter katakana. Example, enter タイプ

- 1 In FullPitch Kana mode or HalfPitch Kana mode, press a key to enter the assigned character.




4 Text Entry



■ Entering Characters

2 Press , and then press  to enter タ .





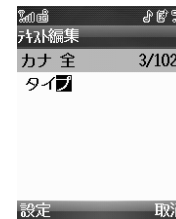
4 Press  three times. The フ is displayed.




3 Press , twice, and then press  to enter イ .




5 Press  twice. The フ is displayed and press  to enter プ .




Note Press  to add the upper conner mark symbol.

Adding ` or °



In Kanji, FullPitch Kana or HalfPitch Kana mode, you can press  to add ` or °.

Example, enter プ.

- 1 In FullPitch Kana mode or HalfPitch Kana mode, press  three times. The プ is displayed.



Entering Characters ■

- 2 Press  twice. The プ is displayed and press  to enter プ.




4
Text Entry

Entering Roman Letters

In FullPitch Abc, HalfPitch Abc, FullPitch ABC, HalfPitch ABC, FullPitch abc, or HalfPitch abc mode, you can consecutively press a letter key to enter a letter.

Example, enter Hello.

- 1 Press  that carries "H" repeatedly and all letters carried by this key will be displayed succes-

■ Entering Characters

sively on the screen. Stop when you see an "H" on the screen



- 2 After entering the first letter, you can directly press another key to enter the next letter. If the next desired letter is on the same key as the current one, wait until the cursor appears to the right of the current letter and then you can enter the next one. Enter "e", "l", "i" and "o" in the same way.

Entering Numbers

In FullPitch Number or HalfPitch Number mode, press number keys to enter corresponding fullpitch

or halfpitch numbers. For example, to enter "1" with the "FullPitch Number" or "HalfPitch Number" numeric input method, you can press . Then "1" appears on the screen.

Entering Symbols/Pictographs

Symbols and pictographs do not appear in messages sent to incompatible mobile phones or Email addresses.

- 1 In a text entry window, press to display symbols.
 - Press to switch between symbols and pictographs.
 - The selected symbols and pictographs are displayed in the history view.
- 2 Select symbols or pictographs.
 - In symbols window, press to select symbols, and then press . The symbols

include fullpitch and halfpitch symbols.
(→ P170)

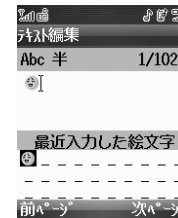


- In pictographs window, press or to view pictographs. Press to select a symbol and press . (→ P171)



Entering Characters ■

- The selected pictographs are saved in **History**.



- 3 Press to exit from the symbols or pictographs window.


Entering Commonly-used SMS Texts

◆ Daily Phrase



You can enter some daily phrases as templates in the mobile phone.

- 1 In a text entry window, select **Options > Common phrases > Daily Phrase**, and then press .

■ Entering Characters



- 2 The daily phrases predefined in the mobile phone are displayed. Press  to select a phrase as required.
 - To edit the phrases. (→ P96)

◆ Short-cuts for Email and URL

- 1 In a text entry window, select **Options > Common phrases > Internet**, and then press .
 - The following can be displayed: .ne.jp/, .co.jp/, .or.jp/, .ac.jp/, .com.jp/, http://www. , and www.
 - To edit them. (→ P96)
- 2 The Email addresses and URL lists are displayed. Press  to select an address as required.

Inserting contact information

You can insert a contact's number from the mobile phone or USIM card into the text.


- 1 In a text entry window, select **Options > Insert number**, and then press .
- 2 Search for a contact's number and then press .
 - Searching methods. (→ P63)


Conversion Methods (Japanese Only)

Predictive

With the predictive function, you can enter easily and quickly Japanese words with predictive wording scheme.


Item	Description
Prediction	Show candidates likely to convert
Normal	Matching candidates

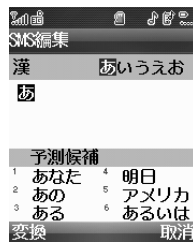
- Press  to switch the prediction function to normal function.

- Press  to switch the normal function to prediction function.
- Prediction screen can be cancelled.(→ P57)

◆ **Using Predictive function**

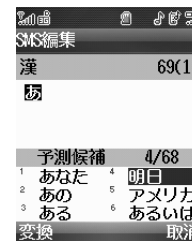
Example, enter 明日 .

- 1 In Kanji mode, press  and select あ .



Entering Characters

- 2 Press and hold  until 明日 is displayed. Select 明日 .




- 3 Press  .

◆ **Using Normal function**


Example, enter 明日 .

4
Text Entry


■ Entering Characters

- 1 In Kanji mode, press  and select あ .




- 2 Press  twice, and then select し .



- 3 Press , and then select た .




- 4 Press  to select Normal. The screen will display 明日 .



◆ Resting learning


Clear log of words selected in Kanji conversion.

1 In a text entry window, Slecet **Options > Resting learning**, press .

2 Press **Yes**.

◆ Activating or disactivating prediction function

1 In a text entry window, Slecet **Options > Predictive**.

- 2** Press  to select **On/Off**.
- On: to activate the prediction function.
 - Off: to disactivate the presicion function.

User dictionary

Save frequently used words or phrases.


User dictionary ■

Adding items

1 In a text entry window, Select **Options > User dictionary**.

2 In the **Input notation** screen, enter a word or phrase and press .

- Enter up to 25 characters including symbols and pictographs per word or phrase.

3 In the **Input reading** screen, enter a keyword or a reading and press .

- Enter up to 16 full pitch hiragana.

Using User dictionary

Example, enter 田中、北村と垣田

1 In a text entry window, Slecet **Options > User dictionary**.

2 In the **Input notation** screen, enter 田中、北村と垣田

■ User dictionary

3 In the **Input reading** screen, enter あかさ .

4 Select **Save**.

In a text entry window, if you want to input 田中、北村と垣田, you can only input あかさ . The 田中、北村と垣田 will display.

5 Contacts

You can save phone numbers, Email addresses, and for up to 1,000 entries in contacts of the phone; USIM card contacts capacity varies with cards. You can also assign eight frequently-used numbers to speed dialing keys.

Creating Contacts

Options in Phone and USIM Card

◆ Options in Phone

Item	Description
Name	Enter name.
Reading	Automatically entered when Name are first entered. Reading can be edited. Search Phone Book by Reading.
Mobile phone	Enter mobile phone numbers
Office No.	Enter office phone numbers
Home No.	Enter home phone numbers
Email	Enter mail addresses
Fax No.	Enter fax numbers

Item	Description
Voice call tone	Set incoming voice call ringtone
Video call tone	Set incoming video call ringtone
Country	Enter country
Province	Enter province
City	Enter city
Street	Enter street
Post Code	Enter post code
Icon image	Save a still image to appear for incoming calls
Birthday	Enter birth date

◆ Options in USIM Card

Item	Description
Name	Enter Name
Reding	Automatically entered when Name are first entered. Reading can be edited. Search Phone Book by Reading.
Phone	Enter Phone number

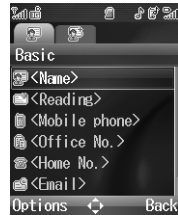
■ Creating Contacts

Item	Description
Phone	Enter another phone number (This item is related with the USIM card)
Email	Enter mail addresses (This item is related with the USIM card)

Creating a Contact

◆ Creating a contact in Phone

- 1 Select **Contacts** in the main menu.
- 2 Press **[F4]** to select **Phone**.
- 3 Select **Options > New**.



- 4 Select a field, press **[F4]** to edit the field, enter the information as required, and then press **[F4]** to save it.

After entering basic information, press **[F4]** to set advanced information. Descriptions about text input. (→ P46)



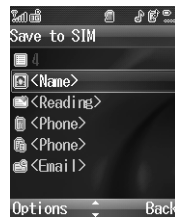
- 5 Select **Options > Save** to save it.



◆ Creating a contact in USIM Card

- 1 Select **Contacts** in the main menu.
- 2 Press **[F4]** to select **SIM**.

Creating Contacts ■

- 3 Select **Options > New**.




- 4 Select a field, press  to edit the field, enter the information as required, and then press  to save it.

- 5 Select **Options > Save**.

Creating a Contact Through Call Logs

Save phone numbers from Call Log to new or existing Contact entries.

- 1 Select **Call Log** in the main menu.

- 2 Press  to select a record.

- 3 Select **Options > Save number**.



- Save to phone: Select a phone contact entry, enter other information, and then select **Options > Save**.
- Save to SIM: Select a SIM contact entry, enter other information, and then select **Options > Save**.
- Append to existing: Search the number and select the number.

Note

- If the contact entry is already saved, you are notified whether to replace the current number.
- Searching a number. (→ P63)




■ Groups

Groups

You can rename a group, add group members, and delete a group.


Adding/Deleting Group Members

You can add a member to a group in your phone or delete a member from it.

- 1 Select **Contacts** in main menu.
- 2 Press  to select **Groups**.
- 3 Select a group and press  to view the details.
- 4 Select **Options > Add**. Select a contact and press . The member you added will be displayed in the group member list.

To delete a group member, select a member from the group member list, and then select **Options > Delete**.

Managing a Group




- 1 Select **Contacts** in the main menu.
- 2 Press  to select **Groups**.
- 3 Select a group and select **Options** for the following options.
 - Details: to view the details of a group.
 - Rename: to change the name of a group.
 - Create Message: to send a text message or MMS to all members of a group.
 - Delete: to delete a group and all members of the group.

Note You cannot rename or delete any group preset in your phone.

Using Contacts

Finding a Contact




You can find a contact from the contacts list easily and quickly by using this function on both the **Phone** screen and the **SIM** screen.

- 1 Select **Contacts** in the main menu.
- 2 Press  to select **Phone**  or **SIM** .
- 3 Select **Options > Search**.
- 4 Enter the contact name reading or enter the first letter of contact name you are searching for. The contact will be displayed.

Note The search result will include all matched contacts from both the phone and SIM memories, no matter from which screen (Phone or SIM) you start searching.




Making a Call

You can make a voice/video call with a contact selected from the contacts list.

- 1 Select **Contacts** in the main menu.
- 2 Press  to select **Phone**  or **SIM** .
- 3 Select a contact and select **Options > Call**. Then, you can select **Voice Call** or **Video Call** to make a call. Alternatively, you can select **Edit before call** to edit the number before making the call.

Creating a Message



You can create an MMS or SMS with a contact selected from the contacts list.

- 1 Select **Contacts** in the main menu.
- 2 Press  to select **Phone**  or **SIM** .





■ Using Contacts

- 3 Select a contact and select **Options > Create message**. Then, you can select **MMS** or **SMS** to create a message. If the current contact does not have an Email address, you cannot create an MMS.

Speed Dialing

You can set the frequently-used phone numbers to Speed Dialing keys. You can select  -  from the keypad to set the speed dial number.



◆ Setting speed dial number

- 1 Select **Contacts** in the main menu.
- 2 Press  to select **Phone** or **SIM** .
- 3 Select **Options > Speed Dial Number**.
- 4 Select a speed dial key from  -  on the keypad.
- 5 Search the contact to be set as the speed dialing contact.

- 6 If the contact has multiple numbers, select one as the speed dialing number.



- 7 Press  to save.

◆ Using speed dialing keys



In standby mode, press and hold keys from  -  to dial out the number.

Other Options

Describes other options such as sending contacts, name card backup, and storage information.

- 1 Select **Contact** in the main menu.
- 2 Press  to select **Phone** or **SIM** .
- 3 Select **Options** for the following options.

Item	Description
Details	To view the details of contact.

Item	Description
Edit before call	You can edit the number before making the call.
Create Message	To send SMS or MMS to the selected contact. (→ P63)
New	To create a new contact.
Call	To make a voice call or video call to the selected contact. (→ P63)
Search	To find a contact from the contacts list easily and quickly.
Send contact	To send a contact to other devices supporting SMS or Bluetooth.
Copy to SIM/Copy to phone	To Copy one or more contacts from your phone to the SIM card or from your SIM card to the phone.
Speed Dial Number	To assign often-used numbers to speed dialing keys  -  .
My business card	To save your own information to a Business Card. You can send the information by SMS or Bluetooth.







Editing Contacts ■

Item	Description
Backup contacts	<ul style="list-style-type: none"> Backup contacts: To back up your contacts from your phone to a memory card. Restore contacts: To restore your contacts from memory card to your phone. Synchronise: To synchronize information on the phone book and on the network server. (→ P155)
Delete	To delete the selected contact
Mark/Unmark	To mark/unmark a record or all records in your phone or SIM card
Memory status	To view the memory status of both your phone and SIM card
Settings	Auto save: Select On, Off, or Prompt before.

Editing Contacts Modifying a Contact




- 1 Select **Contacts** in the main menu.

■ Editing Contacts

- 2 Press  to select **Phone**  or **SIM** .
- 3 Search the contact to be edited and press .
- 4 Select the field to be edited, press  or select **Options > Edit**. Enter new information and press  to save it.
- 5 Select **Options > Save** to save the edited contact.

Copying to Handset/USIM Card

You can copy one or more entries from your phone to USIM card or from your USIM card to phone.

- 1 Select **Contacts** in the main menu.
 - 2 Press  to select **Phone**  or **SIM** .
- If you need to copy multiple records, do the following to each record: Select **Options > Mark/Unmark > Mark** to tick the checkbox on the right of the entry. Alternatively, you can select

Options > Mark/Unmark > Unmark to cancel the selection.




- If you need to copy all contacts, select **Options > Mark/Unmark > Mark all**.
- If you need to copy only one contact, you can copy the contact directly.

- 3 Select **Options > Copy marked to SIM** or **Copy marked to phone**; If copy only one contact, select **Options > Copy to SIM** or **Copy to Phone**. At the prompt, select **Yes** to confirm or select **No** to cancel.

Note When you copy contacts from phone to SIM, you can only copy the items supported by the SIM card.

Deleting Contacts

You can delete entries from the phone or SIM card.

- 1 Select **Contacts** in the main menu.
- 2 Press  to select **Phone**  or **SIM** .

Editing Contacts ■

- 3** To delete contacts,
 - To delete multiple contacts, do the following to each contact: select **Options > Mark/Unmark > Mark** to tick the checkbox on the right of the entry. Alternatively, you can select **Options > Mark/Unmark > Unmark** to cancel the selection.
 - To delete all contacts, select **Options > Mark/Unmark > Mark all**.
 - To delete only one contact, delete it directly.
- 4** Select **Options > Delete marked** ; If you delete only one record, select **Options > Delete**. At the prompt, select **Yes** to confirm or select **No** to cancel.

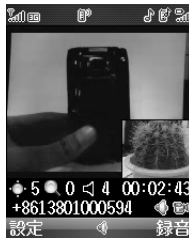
6 Video Call


Getting Started






Video Call Window

Note

- A video call can be made only in the 3G network.
- Your handset may get warm during a video call. This is a normal case and not a failure.




Icon	Description
	Press the up/down scroll key to adjust the brightness.

Icon	Description
	Press the left/right scroll key to zoom in or zoom out.
	Press the volume keys to adjust the volume.
	Press the keys to enable and disable the audio channel. (→ P70)
	Press the keys to enable and disable the video channel. (→ P70)
	Press the keys to enable Handsfree or Earpiece. (→ P69)

Making a Video Call



1 Enter a phone number:

- Enter a phone number by the keypad.
- Press , and choose a number from the call logs lists.(→ P42)
- Select a number from Contacts. (→ P63)

2 Press  to dial out.

3 Press  to end the call.

Answering a Video Call

1 When there is an incoming video call, press  or  to answer the call.



2 Select **Yes** or **No** to set whether to Send the local video.

- Yes: Camera image is sent.
- No: Select image is sent.

Answering a Video Call ■

3 Press  to end the call.

- Note**
- Setting image. (→ P74)
 - If the headset is plugged in, you can press the headset key to answer or end a video call.
 - If Camera off is off, the prompt in Step 2 is not displayed. (→ P73)

Basic Operations During a Video Call

Earpiece Volume


1 Press the side volume keys to adjust the earpiece volume during a video call.

Note The default level of earpiece volume during a call is 4.

Handfree / Earpiece



Switch between Handfree and Earpiece.

■ Answering a Video Call

- 1 During a call, you can press  to switch between the loudspeaker mode and the ear-piece mode



■ Holding a Video Call

When you enable the Hold, the calling party can only see your party specific file. You can set the Send specific file. (→ P74)

- 1 During a video call, press  to enable the Hold function.
- 2 Press  to resume a video call.

■ Audio off/Open audio

Mute your mobile phone microphone.

- 1 During a call, select **Options > Audio off** and press  to mute your voice.
- 2 Select **Options > Open audio** and press  to restart the conversation.

■ Switch picture


Switch between image windows.


- 1 Select **Options > Switch picture**
 - Far end: To display your image in the small window and the other party's image in the large window.
 - Near end: To display yours in the large window and the other party's image in the small window.

- 2 Press .

■ Camera off/Open video


When you close the video channel of your party. The handset sends the predefined image to the calling party. Setting predefined image. (→ P74)


- 1 During a call, select **Options > Camera off** and press  to close your video channel.

- 2 Select **Options > Open video** and press  to open your video channel.

External view/Internal view

Adjust the direction of the camera lens.

- 1 During a call, select **Options > External view** and press  to switch to the external view.

- 2 Select **Options > Internal view** and press  to switch to the internal view.

Note When the camera is disabled, this function is unavailable.

Picture in picture

This function is to adjust the picture size during a video call.

- 1 During a video call, select **Options > Picture in picture**.
 - Off: Disable the small display.

Answering a Video Call ■

- Top left: The small display is in the upper left of the screen.
- Top right: The small display is in the upper right of the screen.
- Bottom left: The small display is in the lower left of the screen.
- Bottom right: The small display is in the lower right of the screen.

- 2 Press .

Image quality

This function is to adjust the image quality.



- 1 During a video call, select **Options > Image quality**.
 - Best quality: The image is displayed in the best quality.
 - More Smooth: The image is the most smoothly displayed.

- 2 Press .

■ Video Call Settings

Record


Record the other party's image.

- 1 Press  to record the other party's image.
- 2 Press  to stop the record.

Note A recorded video clip is saved to the **My Files/Videos** directory.

Play file

Play video clips or images to the other party.

- 1 Select **Options > Play file** to access My Files.
- 2 Select the file as required.
- 3 Press .
- 4 Select **Options > Close file** to close the file.

Other applications

To access Contacts, SMS, or Call Log during a video call.

- 1 During a call, select **Options > Other applications**.
 - Contacts: To access the Contacts screen, refer to
 - SMS: To access the SMS screen, refer to
 - Call log: To access the Call log screen.
(→ P41)

- 2 Press .

Video Call Settings

You can change the settings for the Video Call function, including Picture in picture, Switch display, Image quality, Camera off, Audio off, Auto voice call, Send specific file and Auto answer.

Picture in picture

- 1 Select **Settings** in the main menu.
- 2 Select **Video call > Picture in picture**.
- 3 Select the position of the small display.(→ P71)

Switch picture

- 1 Select **Settings** in the main menu.
- 2 Select **Video call > Switch picture**.
- 3 Select Far end or Near End. (→ P70)

Image quality

- 1 Select **Settings** in the main menu.
- 2 Select **Video call > Image quality**.
- 3 Select Best quality or More smooth. (→ P71)

Camera

- 1 Select **Settings** in the main menu.
- 2 Select **Video call > Camera** .
 - On: The video channel is enabled when answer a video call.
 - Off: By default, the video channel is disabled when answer a video call.

Audio

- 1 Select **Settings** in the main menu.
- 2 Select **Video call > Audio**.
 - On: By default, the audio channel is enabled.
 - Off: The audio channel is disabled.

Auto voice call

- 1 Select **Settings** in the main menu.

■ Video Call Settings

2 Select **Video call > Auto voice call**.

- On: To enable the auto voice call function. The phone auto makes a voice call, when the other party's phone does not support the video call service.
- Off: To disable the auto voice call function.

Send specific file

1 Select **Settings** in the main menu.

2 Select **Video call > Send specific file**.

- Select image: Select the image as you need.
- Use default image: Use the default image in your handset.

3 If you select **Select image**, you are in My Files and you can select an image and press .

Auto answer

1 Select **Settings** in the main menu.

2 Select **Video call > Auto answer**.

- On: Enable the auto answer function. When there is an incoming video call, the handset automatically answer the call after five seconds.
- Off: Disable the auto answer function.

7 Messaging

About Message

Send messages via MMS or SMS.

Item	Description
MMS	Through MMS, you can send data such as text, image, and music between two handsets that support the MMS function.
SMS	Through SMS, you can send text messages to phone numbers that support SMS protocol.

- For details about MMS/SMS communication charges, consult your service provider.
- To enable the MMS, you need to sign relevant network protocols.

Available entry items& Character enter limits

Item	MMS	SMS
E-mail address	Supports a maximum of 128 DBC case characters or 10 addresses	–
Phone number	–	Supports a maximum of 20 DBC case numbers or 100 numbers
Subject	Supports a maximum of 40 DBC case characters	–
Text	Supports a maximum of 1024 DBC case characters	Each message supports a maximum of 160 DBC case characters

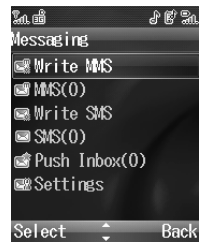
About Message

Item	MMS	SMS
Attachment	Supports a maximum of 10 files	—




- An MMS including subject, content, and attachment cannot exceed 500 KB. The attachment size determines the maximum text number. (→ P94)
- The content of an MMS contains a maximum of 1024 characters.

Messaging Folders

Messages are organized in folders by message type.






Menu	Description
Write MMS	Create an MMS.
MMS	<ul style="list-style-type: none"> • Inbox: contains the received MMS messages. • Drafts: contains the draft MMS messages or MMS messages failed to send. • Sent: contains the sent MMS messages. • Templates: contains the MMS templates. • Folders: additional folders, and you can move MMS files to those folders.
Write SMS	Create an SMS.





Menu	Description
 SMS	<ul style="list-style-type: none"> • Inbox: contains the received SMS messages. • Drafts: contains the draft SMS messages or SMS messages failed to send. • Sent: contains the sent SMS messages.
 Push Inbox	Contains Push messages.
 Settings	Settings of all types of messages.

Icons Description





Icons in the MMS folder

Icon	Description
	a read message in Inbox box.
	an unread message in Inbox box.
	a read notice or delivery report for MMS in Inbox box.






About Message

Icon	Description
	an unread notice or delivery report for MMS in Inbox box.
	a multimedia message saved in Drafts box after you created it or a multimedia message failed to be sent.
	a multimedia message has been sent in Sent box.
	a template saved in Push Inbox .



Icons in the SMS folder

Icon	Description
	a read message in the phone memory in Inbox box.
	an unread message in the phone memory in Inbox box.
	a read message on the USIM card memory in Inbox box.
	an unread message on the USIM card memory in Inbox box.

MMS

Icon	Description
	a read message report in Inbox box.
	an unread message report in Inbox box.
	a text message saved to the phone in Drafts box.
	a text message saved to the USIM card in Drafts box.
	a text message that has been sent and saved to the phone in Sent box
	a text message that has been sent and saved to the USIM card in Sent box

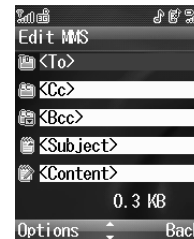
Icons in the Push Inbox folder


Icon	Description
	a read Push message in Push Inbox box
	an unread Push message in Push Inbox box





MMS


Creating and sending an MMS

- Available entry items and Character enter limits. (→ P75)
- Character input modes. (→ P46)
- Before editing and sending an MMS message, you need to set the MMS.(→ P87)



Icon	Description
	Email address of the MMS recipient

Icon	Description
	Email address of the MMS that copies to
	Email address of the MMS that blind copies to
	Subject of the MMS
	Content of the MMS

- 1 Select **Messaging > Write MMS** in the main menu.
 - Select **Messaging > MMS > Drafts > Options > New MMS**
- 2 In **Edit MMS**, enter the addresses of **To**, **cc**, and **bcc**.P80
- 3 Select **Subject** to enter text as subject, and then press .
- 4 Select **Content** to edit the pages.(→ P81)
- 5 Return to the **Edit MMS** screen, and select **Options**

MMS ■

- **Send:** To send the multimedia message.
- **Save to drafts:** save the MMS to **Drafts**.
- **Add to template:** save the MMS as a template to **Templates**.
- **Send setting:** To set parameters relates to sending multimedia messages.(→ P87)
- **Size:** view the size the current MMS




Note

- When you set **Delivery report** to **On**, you will receive a prompt message that is automatically sent by MMS center; the prompt message tells you the receiving party has received your MMS. For methods to set **Delivery report**, refer to.
- When your handset has insufficient memory, you cannot create, edit, reply, or forward MMS.
- When the recipient's handset is powered off or in weak network signal area, the MMS is kept in service center.

■ MMS

◆ Editing Recipient List

Add Email addresses of To, cc, and bcc. The bcc address cannot be viewed by others.









- 1 In **Edit MMS**, select **To**, **Cc**, or **Bcc**, and then press .
- 2 Enter addresses of recipients.
 - Select an entry from the recipients list, and then press  to enter an Email address.
 - Select a position from the recipients list, and then select **Options > Contact** to search a contact. Search a contact in this screen.
(→ P63). Press  to select the contact.
 - Select a position from the recipients list, and then select **Options > Group**. Select the group to be added.
- 3 Select **Back** to return to the **Edit MMS** screen.

Note

- When searching contacts through **Contacts**, you can search all contacts information contains Email address.
- When adding contacts through **Group**, if the contact does not have Email address, the contact cannot be added to the recipient's address.
- The adding addresses of contacts module contains **Recipients**, **Cc**, and **Bcc** screens, select **Options**, and then you can select **Set To**, **Set Cc**, **Set Bcc** to change the sending mode of the selected address.
- The adding addresses of contacts module contains **Recipients**, **Cc**, and **Bcc** screens, select **Options**, and then you can select **Delete** or **Delete all** to delete one or all contacts addresses.

MMS ■

◆ Editing an MMS

- 1** In **Edit MMS**, select **Content**, and then press .
- 2** Select  to access the text entry field, and then edit text.
- 3** Select  to enter the image-editing field and then you can select images or video files in **My Files**.
- 4** Select  to enter the music-editing field and then you can select audio files in **My Files**.
- 5** Access the field indicated by  and press  to select one from different pages if there are more pages.
 - To add a new page, select **Options > Insert page** in **Edit MMS**.
- 6** Access the field indicated by  and press  to adjust the playing time of the current page.

- Select **Options > Preview** to preview the MMS.

- 7** Select **Back**.

Note

- If the video file is chosen in the image-editing field, you cannot edit the music-editing field any more.
- Some files may not be attached depending on the file format or size.
- Some copyrighted files may not be sent.

Receiving an MMS

A prompt message is displayed when you receive an MMS. Setting an MMS. (→ P87)




7

Messaging


MMS

When an MMS is received, the handset displays as follows:






- 1 In information window, press  to access the **Inbox** of MMS.
- 2 Press  to select the MMS to be viewed, and then press .


Note

- A maximum of 200 MMS (in Inbox, Drafts, Sent, and Templates) messages can be saved.
- When **Inbox** is full of MMS messages and a new MMS message is received, the  icon blinks and a prompt dialog box

is displayed. You need to delete some messages from **Inbox**. Deleting MMS messages. P85

Viewing an MMS


- 1 Select **Messaging** in the main menu.
- 2 Select **MMS**, and then press  to access the **Inbox**.
- 3 Press  to select the MMS to be viewed, and then press .
 - Descriptions about icons in **Inbox** of **MMS**. (→ P77)
- 4 When viewing an MMS, you can select **Stop** to stop playing the MMS.
- 5 When the MMS is stopped playing, you can select **Options** to perform the following operations:

- Reply MMS: To access the Edit MMS screen. (→ P78)
- Reply SMS : To the Edit SMS screen. P88
- Forward: To access **Edit MMS** to forward the MMS. (→ P84)
- Edit before call: To access **Edit number** to call back the sender of the MMS.
- Next page: To play the next page.
- Pervious page: To play the Pervious page.
- Rewind: To return to the first page.
- Save: Press  to select a item, and then save the selected item in the MMS to **My Files/Other**.
- Object list: After entering the content list of this message, you may select an item and select **Save** to save the message to a corresponding directory of the folder.

MMS ■

- Save number: To save the numbers retrieved from MMS to phone or USIM memory or an existing entry in the contacts.
- Extract URL: To extract URL address from MMS for browsing web pages or stream media.
- Save Email address: To retrieve email address from MMS and save.



Replying an MMS

- 1 In **Inbox** of **MMS**,press  to select the MMS.
- 2 Select **Options > Reply MMS** or **Reply SMS**.
- 3 Press  to access the Edit MMS screen to edit the MMS.

Note You can also select **Options > Reply MMS** or **Reply SMS** when playing the MMS to reply the MMS. (→ P82)

■ MMS

Forwarding an MMS

- 1 In **Inbox** or **Sent** in **MMS**, press  to select the MMS.
- 2 Select **Options > Forward**.
- 3 Press  to access the Edit MMS screen to edit the MMS.


Note You can also select **Options > Forward** to forward the current MMS. (→ P82)

Edit before call

- 1 In **Inbox** in **MMS**, press  to select the MMS.
- 2 Select **Options > Edit before call**.
- 3 Press  to access the Edit number screen to make a call.

- Note**
- You can also select **Options > Edit before call** to call back the sender's number when you view an MMS. (→ P82)
 - If the sender does not have phone number, **Edit before call** is unavailable.

Saving a contact


- 1 In **Inbox** in **MMS**, press  to select the MMS.
- 2 Select **Options > Save contact**.
 - Save to phone: To save the Email address of the sender to the handset.
 - Save to SIM: To save the Email address of the sender to the USIM card.
 - Append to existing: To save the Email address of the sender to an existing contact. In **Search** in **Contacts**, search a contact to be appended.

Note To save an Email address to the USIM card, the USIM card should support Email address.

Folders

In MMS, there are seven additional folders besides four main folders (Inbox, Drafts, Sent, Templates). You can rename the additional folders and move MMS messages to them.

◆ Renaming additional folders


- 1 In **Inbox/Drafts/Sent/Templates**, select **Options > Folder**.
- 2 Select **Options > Rename**.
- 3 Enter the folder's name, and then press .

Note You cannot rename the main folders.

◆ Moving MMS messages between folders

- 1 Access any folders of **Inbox/Drafts/Sent/Templates**.
- 2 Select the MMS to move to an additional folder, and then select **Options > Move to folder**.

MMS ■





- 3 Select an additional folder and press .

Note You can also move MMS messages from an additional folders to another one. The operation are the same as that in Step 2.

Deleting MMS messages







You can delete MMS messages or MMS prompt messages. When you receiving an MMS prompt message, you can delete the MMS message without receiving it.

◆ Deleting an MMS, MMS Prompt, or MMS template

- 1 In any folder of **MMS**, press  to select a message.
- 2 Select **Options > Delete**, and then press .
- 3 Press  to select **Yes** or press  to select **No**.

■ MMS

◆ Deleting multiple MMS messages at a time



- 1 In any folders of **MMS**, press  to select messages.
- 2 Press  to mark a message, the icon on the right changes to . You can mark multiple messages to be deleted.
 - Press  again to unmark the message. The icon on the right changes back to .
- 3 Select **Options > Delete**, and then press .
- 4 Press  to select **Yes** or press  to select **No**.

◆ Deleting all messages of a folder

- 1 Access any folder in **MMS**.
- 2 Select **Options > Mark all**. Icons of all messages on the right change to .

- Select **Options > Unmark all**. Icons of all messages on the right change back to .
- Select **Options > Unmark** to unmark the current selected message. The icon on the right changes back to .

- 3 Select **Options > Delete**, and then press .

- 4 Press  to select **Yes** or press  to select **No**.

Sorting MMS messages

- 1 In any folder in **MMS**, select **Options > Sort**
 - Sender: to sort the MMS by recipients.
 - Date: to sort the MMS by date.






Viewing memory status

- 1 In any folder in **MMS**, select **Options > Memory status**.


- You can view memory status of **MMS**, including **Inbox, Drafts, Sent, Template, Folder,** and **Total**.

MMS Settings

In the **Messaging** screen, select **Settings > MMS**, and then you can set parameters related to multimedia messages. It contains the following submenus

Menu	Description
 Sending	To set parameters related to sending multimedia messages. P87
 Receiving	To set parameters related to retrieval of multimedia messages. P87
 Network Access Point	Network Access Point is preset for your convenience.
 WAP gateway	WAP gateway is preset for your convenience.
 MMS center	MMS center is preset for your convenience.

MMS

Menu	Description
 Connection type	To set the connection type of multimedia messages. For details, consult your service provider.

Note If you accidentally delete or modify pre-defined settings, consult your service provider.

◆ Sending

- Valid period: The time for a multimedia message stored in the message centre after it is sent.
- Delivery report: To set whether to accept a delivery report.
- Send limit: To set the size limit of a multimedia message to be sent.
- Save on send: To set whether a multimedia message to the sent folder after it has been sent.

◆ Receiving

- Send delivery report: You have two alternatives, On and Off. When this mode is enabled (On), the net-

■ SMS

work sends a report to the sender indicating that you have received the message.

- Receiving limit: To set the size limit of a multimedia message that you can receive.
- Auto receive: To set whether the phone automatically receives multimedia messages or not.

SMS

Creating and sending an SMS


- Available entry items and Character enter limits. P75
- Character input modes. (→ P46)


- Before editing and sending an SMS, you need to set SMS settings. (→ P94)



- 1** Select **Messaging > Write SMS** in the main menu.
 - Select **Messaging > SMS > Drafts/Inbox > Options > New**.
- 2** In the Edit SMS screen, enter a message. Select **Options**:
 - Send: To access the **Edit numbers** screen. For operations in the **Edit numbers** screen, refer to Step 3.

- Full Pitch/Half Pitch: Switch between full pitch and half pitch.
- Insert number: You can insert a phone number saved on the phone or the USIM card.
- Common phrases: You can select one from daily and Internet phrases. In this way, you can speed up the process of entering text.
- Predictive: To activate or disactivate prediction function.(→ P57)
- Reset learning: To clear log of words selected in Kanji conversion.(→ P57)
- Input mode: You may select one of the input modes to enter the message contents.(→P46)

- 3** After editing the message, press  to access the **Edit numbers** screen.
- Enter a phone number.
 - Select **Options > Contacts** to access the **Search** screen, and then select one or multiple phone numbers. (→ P63)
 - Select **Options > Group** to select a group.

- 4** In **Edit SMS**, press  or select **Options > Send**.

- Select **Options > Save** to save the message.

Note When you set **Delivery report** to **On**, you will receive a prompt message that is automatically sent by MMS center; the prompt message tells you the receiving party has received your MMS. To set **Delivery report**. (→ P94)


Receiving an SMS



When you receive an SMS, you will receive an SMS prompt message first. Setting prompt messages. (→ P134)

SMS

When receiving an SMS message, the handset displays as follows:



1 In information window, press  to access the **Inbox** of SMS


2 Press  to select an SMS message to be viewed, and then press .



Note

- A maximum of 500 SMS messages can be saved in the handset (**Inbox**, **Drafts**, and **Sent**).
- When the **Inbox** is full and a new SMS message is received, the  starts blinking and a prompt dialog box is

displayed. You need to delete some messages. (→ P93)

Viewing an SMS

1 In the **Messaging** screen, select **SMS**, and then press  to access **Inbox**.

2 Press  to select the SMS to be viewed, and then press .

• Icon descriptions in **SMS**. (→ P77)

3 When viewing an SMS message, select **Options** to perform the following operations:



• Reply: To access the **Edit SMS** screen. (→ P88)

• Forward: To access the **Edit SMS** screen and forward the SMS message. (→ P91)

• Edit before call: To access the **Edit number** screen and to call back the sender of the selected message.


- **Save number:** To save the numbers retrieved from SMS to phone or USIM memory or an existing entry in the contacts. (→ P92)
- **Extract URL:** To extract URL address from SMS for browsing web pages or stream media.
- **Save Email address:** To retrieve email address from SMS and save.

Replying an SMS

- 1** In **Inbox** in **SMS**, press  to select the SMS message.
- 2** Select **Options > Reply**.
- 3** Press  to access the **Edit SMS** screen to edit the SMS.



Note You can also select **Options > Reply** to reply the current SMS. (→ P90)

Forwarding an SMS

- 1** In any folder in **SMS**, press  to select an SMS message.
- 2** Select **Options > Forward**.
- 3** Press  to access the **Edit SMS** screen to edit the SMS.

Note You can also select **Options > Forward** to forward the current SMS message. (→ P90)


Edit before call

- 1** In **Inbox** or **Sent** in **SMS**, press  the SMS message.
- 2** Select **Options > Edit before call**.
- 3** Press  to access the **Edit number** screen to make a call.

■ SMS

Note You can also select **Options > Edit before call** to call the sender's number. (→ P90)

Saving a number

- 1** In **Inbox** or **Sent** in **SMS**, press  the SMS message.
- 2** Select **Options > Save number**.
 - Save to phone: Save the sender's phone number to the handset.
 - Mobile phone: Save the sender's phone number as the mobile phone number.
 - Office phone: Save the sender's phone number as the office phone number.
 - Home phone: Save the sender's phone number as the home phone number.
 - Save to SIM: Save the sender's phone number to the USIM card.




- Append to existing: Save the sender's phone number to an existing contact.

Note • You can also select **Options > Save number**, and then save the number as in Step 2.

- Creating a contact. (→ P60)

Copying messages to the USIM card





You can copy SMS messages from the handset to the USIM card.

- 1** In any folder in **SMS**, press  to select a message stored in the handset.
 - The icon in front of the SMS message determines the storage position. To view the icon descriptions. (→ P77)
 - Press . The icon on the left changes to  and you can mark multiple messages.
- 2** Select **Options > Copy to SIM**.



Deleting an SMS



You can delete SMS messages or SMS prompt messages.




◆ Deleting an SMS or SMS prompt message

- 1 In any folder in **SMS**, press  to select the message.
- 2 Select **Options > Delete**, and then press .
- 3 Press  to select **Yes** or press  to select **No**.





◆ Deleting multiple SMS messages or SMS prompt messages

- 1 In any folder in **SMS**, press  to select the message to be deleted.
- 2 Press  to mark the SMS message. The icon on the right changes to  and you can mark multiple messages to be deleted.



- Press  again to unmark the selection and the icon changes back to .

- 3 Select **Options > Delete**, and then press .
- 4 Press  to select **Yes** or press  to select **No**.

◆ Deleting all messages in any SMS folder

- 1 Access any folder in **SMS**.
- 2 Select **Options > Mark/Unmark > Mark all**. All icons change to .
 - Select **Options > Mark/Unmark > Unmark all** to unmark all messages. All icons change back to .
 - Select **Options > Unmark** to unmark the current SMS message and the icon changes back to .
- 3 Select **Options > Delete**, and then press .

■ SMS


- 4 Press  to select **Yes** or press  to select **No**.






Viewing SMS memory status

- 1 In any folder in **SMS**, select **Options > Memory status**.
- To view the memory status of the phone and the USIM card, including quantity of saved messages and the total capacity.

SMS Settings

In the **Messaging** screen, select **Settings > SMS**, and then you can set parameters related to messages. It contains the following submenus:




Menu	Description
 Message	You can set your mobile phone to retrieve the message centre number from the USIM card or the phone.

Menu	Description
 Valid period	The time a message is kept in the message centre after it is sent.
 Auto save	You can set whether a message will be saved automatically to Sent when it is sent.
 Save to	To set the position for saving newly created messages, received messages, and sent messages.
 Signature	To set whether your signature will be sent along with the message. You can edit the signature while creating a new message.
 Status report	You can set it to On or Off. If you set it to On, the network will send you the information on whether the message has reached the recipient.

Note If you accidentally delete or modify pre-defined settings, consult your service provider.

Push Inbox

Viewing Push Messages



- 1 In the **Messaging** screen, select **Push Inbox**, and then press .
- 2 Press  to select a push message, and then press .
 - Icons descriptions in **Push Inbox**. (→ P77)
 - Select **Options > Load** to start the WAP browser. Connect a URL specified by the Phsh message and view the details.

Push Inbox Settings

In the **Messaging** screen, select **Settings > Push messages**, and then you can set parameters related

Push Inbox

to push messages. It contains the following sub-menus

Menu	Description
 Push message setting	<p>You can set the acceptable push messages.</p> <ul style="list-style-type: none"> • Accept all: to set to accept all Push messages. • Accept trusted: to set to accept only the trusted Push messages. • Accept MMS Push: to set to accept only the Push messages prompting you with a multimedia message. • Accept none: to set to accept no Push message.
 Enable push SL	<p>You can enable or disable the push SL function by selecting On or Off.</p>


■ web set mail

web set mail

In the **Messaging** screen, select **Settings > web set mail**. The **Browser** is enabled and connect to the pre-defined EMobile website.

Voice Mail Number


In the **Messaging** screen, select **Settings > Voice Mail number** to set the voice mail number. To use the voice mail services, you need to apply to your network operator. After setting the correct number provided by your network operator, if you press and hold

 in standby mode, the phone will dial out the voice mail number automatically.

Daily and Internet Phrases

Your handset has been preset with some commonly used phrases, sending messages while answering a call and auto replying.

You can edit them if you want.

- 1** In the **Messaging** screen, select **Settings > Daily phrases/Internet**.
- 2** In the **Daily phrases** or **Internet** screen, press  to select a phrase.
- 3** Select **Modify** to access **Edit common phrases**.

8 Browser

About Browser

The built-in browser makes it easy and pleasant to tour around the Internet. You can access the Browser screen by **Browser** selecting from the main menu.

Cache Memory

Retrieved information is temporarily saved in Cache Memory. When full, the latest information cannot be automatically saved.

- Previously viewed pages may load from Cache Memory. To view latest, update information. (→ P101)
- You can delete information saved in Cache Memory. (→ P101)
- Information remains in Cache Memory even after the mobile phone is disconnected from the Network or mobile phone power is turned off. If you change for another USIM card, the information is automatically deleted.




SSL/TLS

Secure Socket Layer (SSL) and Transport Layer Security (TLS) are encryption protocols for secure Internet transmissions of important/sensitive information such as credit card numbers. Electronic certificates are pre-set on H12HW.






Note

When a security notice appears, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of usage. EMobile cannot be held liable for any damages associated with the use of SSL and TLS.


EMnet



- 1 Select **Browser** in the main menu.
- 2 Press  to select **EMnet** to access pre-defined webpages.
- 3 Press  to link connections, press  to access the highlighted connection.

■ Entering URL




- Moving cursor: To select items on the page, move the cursor to the right or left through ; or move the cursor to the next line or previous line through .
- Scrolling pages: Scroll bar appears on right side of screen when page content continues beyond view. Press  to scroll. In addition, press volume keys on the side to scroll page up and down.
- Moving to previous page/next page: Previously viewed pages are temporarily saved in Cache Memory. Press  to return to previous page. Some pages cannot be displayed even after you press .


- 4 When browsing web pages, you can select **Options** to perform operations.(→ P100)

Note • In standby mode, press  to access the predefined homepage.

- When browsing web pages, select **Options > Homepage** to access the homepage.
- Some pages require user authentication for access. If required, enter user ID and password, and then press .
- When the  on the icon bar is blinking, your phone is connecting the Internet.

Entering URL

- 1 Select **Browser** in main menu.
- 2 Press  to select **Enter URL**, and then press .
- 3 Enter the URL.
- 4 Press  to access the URL.

Press  to select the entered URL, select options, and you can perform the following operations:





- Goto: Access the URL.

- Edit: Edit the URL.
- Delete: Delete the URL.
- Delete all: Delete all entered URLs.

Note When browsing web pages, you can access **Enter URL.** (→ P100)

Bookmarks




Go To a Bookmark

- 1 Select **Browser** in the main menu.
- 2 Press  to select **Bookmarks**, and then press .
- 3 Press  to select a bookmark. Press  or select **Options > Goto** to access the highlighted bookmark.




Adding a Bookmark

- 1 Select **Browser** in the main menu.



Bookmarks

- 2 Press  to select **Bookmarks**, and then press .
- 3 Select **Options > Add** to create a bookmark.
- 4 Enter the **Title** and **Address** of the bookmark. Press  to save the settings.



Editing a Bookmark

- 1 Select **Browser** in the main menu.
- 2 Press  to select **Bookmarks**, and then press .
- 3 Press  to select a bookmark, and then select **Options > Edit** to edit the highlighted bookmark.

Deleting a Bookmark

- 1 Select **Browser** in the main menu.
- 2 Press  to select **Bookmarks**, and then press .

■ Bookmarks

- 3 Press  to select a bookmark, and then select **Options > Delete** or press  to delete the highlighted bookmark.

Operations and Settings in Browsing Web Pages

Operations in browsing Web Pages

When browsing web pages, select **Options** and you can perform the following operations:


Function	Description
Home-page (EMnet)	To access the homepage. Other methods to access the homepage. (→ P102)
Forward	To go forward when you browse web pages.
Bookmarks	To access the bookmark directory and view the saved bookmarks.
Enter URL	To enter a web site address and connect it.

Function	Description
Recent pages	To access pages you have browsed recently. Ten entries of records can be saved.
Save page	To save the pages in your phone. Web pages will be saved to the Saved pages .
Save item	To save contents on the page to the folders in your phone.
Refresh	To refresh the current web page.
Saved pages	To browse the saved pages offline. Select Options > Goto to connect the server end. Select Option > Delete to delete the selected pages.
Settings	To change the relevant settings for the web page. Setting descriptions. (→ P101)
Exit	To exit the current web page.

Note The Options of Homepage is the same as the preset homepage name. Set homepage name.(→ P101)

Settings in browsing Web Pages

When browsing web pages, select **Options** and you can perform the following operations:

- Save as homepage: to save the current page as the homepage. You can press  key to switch between the title editing bar and the address editing bar.
- Multimedia: to set whether to show images or play background music.
 - Image > On/Off: To allow or restrict loading image information.
 - Music > On/Off: To allow or restrict loading background music.
- Cache: To set the cache to On/Off and clear the cache.
 - Cache > On/Off: To enable or disable Cache Memory.
 - Clear cache > Yes/No: To clear or cancel the clearance of the Cache information.

Bookmarks ■

- Cookies: To enable (On) or disable (Off) cookies and clear cookies.
 - Cookies > On/Off: To enable or disable Cookies. When Cookies is on, the user information is automatically saved to the mobile phone.
 - Clear cookies > Yes/No: To clear or cancel the clearance of the Cache information.
- Security: to show the "Current certificate", "CA certificates" and "Session info".
 - Current certificate: For browsing security webpages.
 - CA certificates: Pre-set security certificates in the mobile phone.
 - Session info: Session information when browsing security webpages.
- Character set: to select one of the character sets, including "Automatically", "UTF-8", "UCS-2", "ISO 2022-JP", "EUC-JP", and "Shift_JIS".
- Clear recent page list: to clear recent page list.



■ Internet Settings


Internet Settings


These are preset for you to use the Internet service. If you need to modify them, open the Browser and select Internet Settings.

In **Internet settings** window, select a Profile. EMOBILE is the preset profile for H12HW and you cannot modify it.

To create a profile, do the following:

- 1** Select **Profile2**, **Profile3**, **Profile4**, or **Profile5**, and then press .
- 2** Set the following five options:
 - Homepage: This item is optional. Enter the **Title** and **Address** of the homepage and press  to switch between title bar and address bar.
 - WAP gateway: Enter the IP address, IP port, User name, and Password. Enter the user name and password as required. For details,

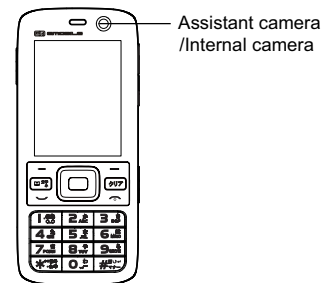
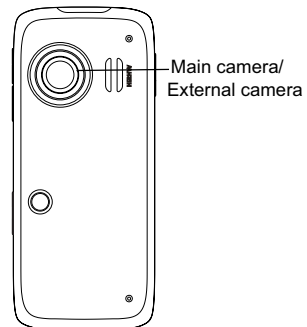
consult your service provider. Press  to switch between textboxes.

- Network Access Point: Select an access point.
 - Connection type: Select the connection type for the Browser.
 - Time out: To set the timeout period when connecting to the Internet. If the connection exceeds the timeout period, it automatically disconnects.
- 3** Press  and select **Options** to perform the following operations:
 - Edit: Edit the current Profile.
 - Select: Select the current Profile.
 - Rename: Rename the current Profile.

9 Camera

Before Using the Camera

Your mobile phone has two cameras, the main camera on the outer part of the flip and the assistant camera on the inner part of the flip. You can use both cameras to take still pictures and record videos. The main camera supports the image resolution at 2 mega pixels and the assistant camera support the image resolution at 0.3 mega pixels.



The images and video clips are automatically saved in the Pictures and Videos folders in My Files.

You can send images and video clips in a multimedia message or by using Bluetooth connectivity.

When taking a picture, note the following:






- Clean dust or oil from lens cover with a soft cloth before capturing images.

■ Camera

- Mobile phone movement may blur images; hold your H12HW mobile phone firmly or place it on a stable surface and use Timer.
- Camera is a precision instrument, however, some pixels may appear brighter or darker.
- Exposing the lens to direct sunlight will damage the camera's color filter.

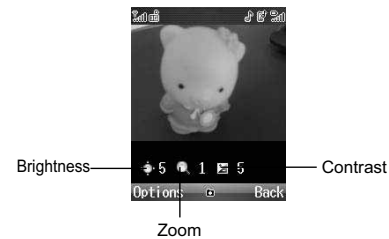
Icons in Taking Pictures/Shooting Videos

In the viewfinder screen, you can:

Icon	Operation
	Press  to adjust the brightness.
	Press  to zoom in or zoom out.
	Press the volume keys to adjust the contrast.

Note

- If you use the main camera and set the resolution to 1600 × 1200, you cannot do the operation of zoom in or zoom out.
- If you use the assistant camera and set the resolution to 640 × 480, you cannot do the operation of zoom in or zoom out.



Camera

Capture Mode

In the viewfinder screen, you can select **Options** > **Capture Mode** to set the shooting mode.


There are three capture modes for the cameras: **Single mode**, **4 shots**, and **9 shots**.

Mode	Description	Image size
Single mode	Take one picture at a time.	W1600 × H1200 dots
		W1280 × H1024 dots
		W1280 × H960 dots
		W1024 × H768 dots
		W800 × H600 dots
4 shots	Take four pictures at a time	W640 × H480 dots
		W320 × H240 dots
		W160 × H120dots
		Screen size

Camera

Mode	Description	Image size
9 shots	Take nine pictures at a time	W320 × H240 dots
		W160 × H120dots
		Screen size

Take Pictures

- 1 Press the Camera key or select **Entertainment** > **Camera** to launch the camera.
- 2 Select **Options** > **Capture Mode** > **Single mode**.
- 3 The handset screen functions as a viewfinder. Move the handset towards the object.
- 4 Press  to take a picture.
- 5 Pictures are automatically saved to the **Pictures** folder in My Files.

■ Camera

After taking a picture, you can select **Options** for the following operations.

- Send: To send the picture through MMS or Bluetooth.
- Set as: To set the picture as the wallpaper or the image of a contact.
- Edit: To edit the picture.
- Delete: To delete the picture.

Menu Functions Overview

In the viewfinder screen, you can select Options to choose from the following operations:

Options	Description
Video camera	To record a video clip
Frame	To choose a frame for pictures
Normal size/ Screen size	To set the viewfinder size
Go to gallery	To access the My Files/Pictures directory to view pictures


Options	Description
White balance	The phone provides you with several modes: <ul style="list-style-type: none">• Auto• Fluorescent• Incandescent• Outdoor• Indoor• Night mode
Internal/ External view	To switch between the assistant lens and the main lens
Capture mode	To set the shooting mode <ul style="list-style-type: none">• Single mode• 4 shots• 9 shots
Self timer	To set the countdown time for the phone to take a picture automatically

Options	Description
Settings	To change the relevant settings for camera function

Take Pictures in a Sequence

- 1 Press the Camera key or select **Entertainment > Camera** to launch the camera.
- 2 Select **Options > Capture Mode > 4 shots/9 shots**.
- 3 The handset screen functions as a viewfinder. Move the handset towards the object.

Video Camera

- 4 Press . The handset takes four or nine pictures in a sequence.



- 5 Pictures are automatically saved to the **Pictures** folder in My Files.


Note When you close the flip, you cannot take pictures in a sequence.

Video Camera

Taking a Video Clip

- 1 Press the Camera key or select **Entertainment > Camera** to launch the camera.

■ Camera Settings

- 2 Select **Options > Video camera** to launch the video camera.
- 3 The handset screen functions as a viewfinder. Move the handset towards the object.
- 4 Press  to start recording the video.

During the recording, you can execute the following operations:

- Pause/Record: To pause and then to start recording again.
- Stop/Back: To stop recording.

Menu Functions Overview

In the viewfinder screen, you can select Options to choose from the following operations.

Options	Description
Camera	To launch the camera
Record	To start recording the video
Zoom display	To zoom in or zoom out

Options	Description
Internal/ External view	To switch between the assistant lens and the main lens
Go to gallery	To access the My Files/Videos directory to view videos
Settings	To change the relevant settings for video camera function
Available memory	Display the available memory and duration of video clips

Camera Settings

Setting the Camera

- 1 Press the Camera key or select **Entertainment > Camera** to launch the camera.
- 2 Select **Options > Settings**.

Camera Settings ■

Item	Description
Size	Set the image size: <ul style="list-style-type: none">• 1600 × 1200• 1280 × 1024• 1280 × 960• 1024 × 768• 800 × 600• 640 × 480• 320 × 240• 160 × 120• Screen size
Effects	Set image colors: <ul style="list-style-type: none">• Sepia• Monochrome• Colour

Item	Description
Image quality	Set image quality: <ul style="list-style-type: none">• High• Medium• Low
White balance	Set white balance: <ul style="list-style-type: none">• Auto: In this mode, the camera automatically select the proper white balance.• Fluorescent: Select this mode under a fluorescent lamp.• Incandescent: Select this mode under a incandescent lamp.• Outdoor: Select this mode in outdoor environment.• Indoor: Select this mode in indoor environment.• Night mode: Select this mode at night.

■ Camera Settings

Item	Description
Save to	Select the phone or memory card to save images.
Shutter tone	To set shutter tone: <ul style="list-style-type: none">• Dulcet• Traditional• Hi
Reset	Set the current camera settings to default.

Setting the Video Camera

- 1 Press the Camera key or select **Entertainment** > **Camera** to launch the camera.
- 2 Select **Options** > **Video camera** to launch the video camera.
- 3 Select **Options** > **Settings**.

Item	Description
Size	Set the video clip size: <ul style="list-style-type: none">• 176 × 144• 128 × 96
Quality	Set the video clip quality: <ul style="list-style-type: none">• High• Medium• Low
Frame rate	Set the frame rate. Frame rate indicates the screen quality. <ul style="list-style-type: none">• High• Medium• Low
Audio	Set the audio on or off when recording video clips.

Item	Description
Duration	<p>Set duration of recording video clips:</p> <ul style="list-style-type: none"> • 50KB: The recording automatically stops when the video clip reaches 50 KB. • 100KB: The recording automatically stops when the video clip reaches 100 KB. • 200KB: The recording automatically stops when the video clip reaches 200 KB. • 300KB: The recording automatically stops when the video clip reaches 300 KB. • 3 minutes: The recording automatically stops when the video clip reaches three minutes. • 5 minutes: The recording automatically stops when the video clip reaches five minutes. • No limit: No limit to the duration of a video clip.

Sending a Picture/Video Clip ■

Item	Description
Save to	Select the phone or memory card to save images.
Reset	Set the current video camera settings to default.

Sending a Picture/Video Clip

After taking a picture or recoring a video clip, select **Options > Send**.

- As MMS: To send the picture or video clip through MMS.(→ P78)
- Via Bluetooth: To send the picture or video clip through Bluetooth.(→ P125)

Editing a Picture

After taking a picture(→ P105) , you can select **Options > Edit** edit the picture.

■ Editing a Picture

Edit Options	Description
Cut picture	<p>You can cut part of the picture and save it as a separate picture. Press the scroll keys to select the part to be cut.</p> <ul style="list-style-type: none">• Select Options > Cut, the selected part of the picture will be saved as a separate picture.• Select Options > size, you can select Wallpaper, Thumbnail, or Free size.
Add text	<p>You can insert texts into the picture.</p> <ul style="list-style-type: none">• Select Options > Input. You can input the text to be displayed on the picture.• Select Options > Zoom/Move. You can zoom the textbox or move the textbox to a proper position.• Select Options > Colour. You can set the text colour.

Edit Options	Description
Add frame	<p>You can add a frame to the picture.</p> <p>Select Options > Select. Select the frame to be added.</p>
Rotate	<p>You can rotate the picture to 90 degrees left or right.</p>
Mirror	<p>You can mirror the picture horizontally or vertically.</p>
Zoom	<p>You can Zoom in/Zoom out the picture</p>
Effect	<ul style="list-style-type: none">• Select Effect > Contrast, you can decrease or increase the contrast of the picture;• Select Effect > Sharpen, you can blur or sharpen the picture.

10 Mediaplayer

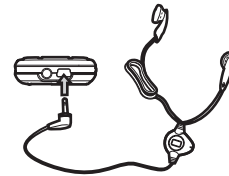
Before Playing Audio&Video

The audio files that are recorded, downloaded from WAP, or received from Bluetooth are saved in the Music folder in My Files.

The video files that are recorded, downloaded from WAP, or received from Bluetooth are saved in the Video folder in My Files.

Note To download audio and video files, you need to purchase them and obtain their authorizations. If a file is protected by copyright or the key expires, an icon is displayed. For more information, contact your service provider.

When using a headset, connect the headset to the headset jack correctly, as shown in the following picture.



File Formats

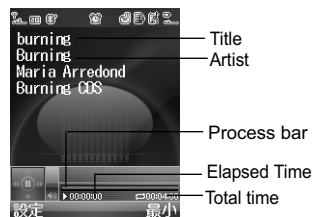
The following file formats are compatible with Audio and Video Players:






	Audio Player	Video Player
File	WAV(ADPCM),	MP4, 3GP,
Format	MIDI, AMR(NB), MP3, AAC, AAC+, Enhanced AAC Plus, MMF, QCP	3G2, PMD











■ Playing Audio Files

Icons in Playing Music


During playing the audio file, you can execute the following operations on the audio file.




Operation	Description
	Press  to access the current playlist.
	Press  to go back the beginning of the current file. Press  to replay this file.

Operation	Description
	Press  to access to the last file. Press and hold  to fast backward the current file.
	Press  to access the next file. Press and hold  to fast forward the current file.
	Press  to pause the playing. Press  again to resume the playing.
	Press the volume keys to adjust the volume. (→ P26)


Playing Audio Files

- 1 Select **My Files > Music** or **Music > My music**.
- 2 Press  to switch audio files between the mobile phone and memory card.

3 Press  to select the audio file to be played.

4 Press  to play the file.



5 During playing the music file, press  to enable the background play function.

Note

- In closed audio playing mode, press and hold the music key to access or exit from the music player.
- In closed audio playing mode, press and hold the camera key to lock or unlock the music touch keys.
- When audio files are played folded and the music touch keys are unlocked, you

Playing Audio Files ■

can play, stop, go to next/last track by the Music Touch Key.

- When a call is coming:
 - If a music file is being played, the music file continues to play from where it was interrupted after the call.
 - If the music has been paused, the music file is still in the pausing state after the call.

Menu Functions Overview

During playing the music file, select **Options** for the following operations.

Options	Description
Nowplaying	To access the current playlist.
Mute/ Unmute	To mute or unmute the music.
Bookmarks	To access the bookmark list.
Playlist	To access the music playlist.


■ Playing Audio Files

Options	Description
Play in background	After the background play function is enabled, you can use other functions of the phone when enjoying music.
Shuffle	On/Off the random play.
Loop	To select to cycle play current music, play all music or close.
Equilibrium	To select the music style.
Settings	<ul style="list-style-type: none">• To set the full screen direction: Left or right.• Streaming settings:<ul style="list-style-type: none">Select the Network Access PointSwitch on /off the Streaming gatewaySwitch on/off QoS
Video camera	To enable the video camera function
History	To display the records of the played files
Info.	To view the information of the current audio files.

Options	Description
Exit	To exit the audio play screen




Playlist

There are 10 Playlists. When you save audio files to a Playlist, you can play the same audio files in the Playlist as last time and you do not need to select those files.

- 1 Select **Music > Playlist**.
- 2 Select a playlist you want to listen.
- 3 Select **Options > Play** in the Playlist screen.
 - Options > Edit: To the current playlist screen.
 - Options > Rename: To rename the current playlist.
 - Press  to access the current list, and then select **Options > Add** to add the music or select **Options > Remove** to remove one music.

Note If an audio file in the Playlist is stored in the MicroSD card, you cannot play the audio file without inserting the MicroSD card.

Playing Video Clips

- 1 Select **My files > Videos**.
- 2 Press  to switch video clips between the mobile phone and memory card.
- 3 Press  to select a video clip.
- 4 Press  to play the video clip.

Note When a call is coming:

- If a music file is being played, the music file continues to play from where it was interrupted after the call;
- If the music has been paused, the music file is still in the pausing state after the call.

Playing Video Clips ■

Menu Functions Overview

During playing the video file, you can execute the following operations on the video file.

Options	Description
Nowplaying	To access the current playlist.
Full screen	To view the video clip in full screen.
Mute/ Unmute	To mute or unmute the music.
Bookmarks	To access the bookmark list.
Paylist	To access the video playlist.
Shuffle	On/Off the random play.
Loop	To select to cycle play current video, play all videos or close.
Settings	<ul style="list-style-type: none"> • To set the full screen direction: Left or right. • Streaming settings: <ul style="list-style-type: none"> Select the Network Access Point Swith on /off the Streaming gateway Switch on/off QoS




■ Playing Video Clips



Options	Description
Video camera	To enable the video camera function.
History	To display the records of the played files.
Info.	To view the information of the current video files.
Exit	To exit the video play screen.

11 Folder

My Files enables you to manage the Pictures, Ringtones, Music, Videos and others files conveniently.




Composition


folder	Description	File Format
 Picture	To save image files of many formats.	JPG, PNG, BMP, GIF, BCI, WBMP, SVG, and SVGZ.
 Music	To save music files of many formats.	WAV(ADPCM), MIDI, AMR(NB), MP3, AAC, AAC+, Enhanced AAC Plus, MMF, QCP
 Ringtone	To save ringtone files of many formats.	WAV(ADPCM), MIDI, AMR(NB), MP3, AAC, AAC+, Enhanced AAC Plus, MMF, QCP

folder	Description	File Format
 Videos	To save video files of many formats.	3GP, MP4, 3G2, and PMD.
 Other	To save any kind of files.	txt, DOC etc.



Viewing files





Viewing files









- 1 Select **My Files** in the main menu.
- 2 Press  to select the saving location of the file.
- 3 Press  to select a file, and then press  to view.

Note • You can view a picture in the Pictures folder according to preceding Step 1-3. You can zoom in or zoom out the picture by pressing .


■ Viewing files

- Press  to switch to the previous picture;
- press  to switch to the next picture.
- The potential file icons are as follows:

File	Icon	Description
Image		Usable and forwardable image file.
	(green lock)	
		Usable and unforwardable image file.
	(green lock)	
Image		Unusable and forwardable image file.
	(red lock)	
Image		Unusable and unforwardable image file.
	(red lock)	


File	Icon	Description
Audio		Usable and forwardable audio file.
	(green lock)	
		Usable and unforwardable audio file.
	(green lock)	
		Unusable and forwardable audio file.
	(red lock)	
		Unusable and unforwardable audio file.
	(red lock)	
Video		Usable and forwardable video file.
	(green lock)	
		Usable and unforwardable video file.
	(green lock)	
		Unusable and forwardable video file.
	(red lock)	
Video		Unusable and unforwardable video file.
	(red lock)	

Rearranging files


- 1 Select **My Files** in main menu.
- 2 Press  to select the saving location of the file.
- 3 Select **Options > Sort by name** or **Sort by date** to rearrange files by the file name.

Using files

Using image files

- 1 Select a image file, and press  to view.
- 2 Select **Options > Set as** to set the image file as the wallpaper or contact image.
 - Set as wallpaper:
 - (1) Select **Wallpaper**.
 - (2) Press left function key to confirm.
 - Set as contact image:

Using files ■

- (1) Select **Contact image**.
- (2) Search the contact to be set as the contact image in **Contacts**. Searching a contact. (→ P63)
- (3) Press  to select the contact.
- (4) Select **Options > Save**.


Using audio files

- 1 Select an audio file.
- 2 Select **Options > Set as** to set the audio file as the voice call tone or contact voice call tone.
 - Set as incoming call tone: Select voice call or video call to set the audio file as the ring tone for the incoming call.
 - Set as contact ring tone:
 - (1) Select **Contact voice call** or **Contact video call**.
 - (2) Search the contact to set the ring tone in **Contacts**. Searching a contact. (→ P63)

11

Folder

■ Using files

(3) Press  to select the contact.

(4) Select **Options > Save**.

Note

- The audio files can be set as ring tones are MP3, AAC/AAC+, AMR, MID, WAV(ADPCM), MMF, QCP, MP4, 3GP, and 3g2. When the MP4, 3GP, and 3g2 is not video files, they can be set as ring tones.
- In this mobile phone, the music file to be set as the incoming call tone must meet the following requirements:
 - The file is protected by the DRM.
 - The rights protection allows the file to be set as a tone.

Function menu overview



Access **Pictures, Ringtones**, Music, Videos or Other folder, select Options you can perform the following operations on files.

Operation	Description
View	To view the picture file.
Send	To send the selected file by message or Bluetooth.
Set as Wall-paper/Contact image	To set a picture as thumbnail of a contact or the wallpaper.
Picture edit	To edit a picture file.
Rename	To rename the selected file.
Cut	To cut the selected file.
Copy	To copy the selected file.
Sort by name/date	To sort the all files by name or by date.
Delete	To delete the selected file.
Mark/Unmark	To select one or more files or cancel the selection.
Info.	To view the properties of one or more files.
Play	To play a selected file.



Operation	Description
Set as ring-tone	To set a ringtone as voice call tone, video call tone or specific contact tone.

Managing folders

Creating a folder in Other

- 1 Select **My Files** in the main menu.
- 2 Press  to select the **Other folder**.
- 3 Select **Options > New folder**, input the folder name, press  to save.


Deleting a folder in Other

- 1 Select **My Files** in the main menu.
- 2 Press  to select **Other folder**.
- 3 Press  to select the folder to be deleted, select **Options > Delete** to delete the folder.

Managing folders ■

Memory card

Displaying contents of the memory card

- 1 To properly insert or remove a memory card. (→ P35)
- 2 When the phone detects and recognises the memory card, **Memory card** is displayed as a tab on the top of the **My Files** screen. Press  to select Memory card.
- 3 You can execute the same operations on the contents in the memory card as those in the phone.
 - **Options > Format:** to format your memory card.

11

Folder

12 Connections

You can synchronise data between your phone and a PC through USB cable or Bluetooth function. You can transfer files between your phone and other Bluetooth devices. You can also use the built-in modem of your phone to establish a dialup connection for your PC to access the Internet.

Bluetooth

Before Using Bluetooth

Note

- H12HW may not work with all Bluetooth devices.
- Wirelessly connect the phone to a compatible Bluetooth device within 10 meters.
- The 2.4GHz band used by Bluetooth devices is used by other devices that may reduce transmission rates or distance.
- The Bluetooth connection can be subject to interference from obstructions such as walls or other electronic devices.

- USB and Bluetooth cannot be used at the same time when you use the memory card by USB cable.

◆ Bluetooth specifications

Option	Description
Version	Bluetooth specifications Ver.1.2
Output	Bluetooth Power Class2
Frequency Bands	2.4 GHz(2.402 GHz-2.480 GHz)
Communication Distance	About 10 meters
Supported Profiles	OPP: Object Push Profile; FTP: File Transfer Profile; SP: Synchronize Profile; HSP: Headset Profile; HFP: Hands-Free Profile; DUN: Dial-Up Networking Profile; SDP: Service Discovery Profile; A2DP: Advanced Audio Distribution Profile.

Bluetooth



◆ Files to transmit

File	Description
Contact entries	Transmit one file at a time
Memo entries	Transmit one file at a time
Schedule entries	<ul style="list-style-type: none">• Transmit one file at a time• When transmitting or receiving data, the following settings cannot be transferred or received: Category, Sound on/off, Vibration on/off, Alert tone, Alert type, and Alert image
Task entries	<ul style="list-style-type: none">• Transmit one file at a time• When transmitting or receiving data, the following settings cannot be transferred or received: Sound alert, Vibration on/off, and Task type

File	Description
Data folder files	<ul style="list-style-type: none">• Transmit one file at a time• Files protected by copyrights cannot be transmitted

Note How successfully Bluetooth works depends on the compatibility of the Bluetooth devices you use. For more information, refer to the user manuals of related devices, or consult the manufacturer of related devices.

◆ Switch on Bluetooth

- 1 Select **Settings > Connectivity > Bluetooth > Switch On/Off**.
- 2 Press  to select **On**, and then press .
- 3 The Bluetooth icon is displayed in the icon bar in the home screen.

◆ Visibility Visible



Set the handset visible to other Bluetooth devices.

12

Connections

■ Bluetooth

1 Select **Settings > Connectivity > Bluetooth > Visibility**.


2 Press  to select Visible, press  to confirm.

◆ Search new devices

- Note**
- Before searching new devices, you need to switch on Bluetooth functions on both devices and set both Visibility Visible to On.
 - A maximum of 30 Bluetooth devices can be searched and paired at a time.
 - Bluetooth Passcode (1 to 16 digits) is required to connect Bluetooth devices; sender and receiver must input the same code to complete file transfers.
 - Bluetooth passcodes are not necessary for paired devices.

1 Select **Settings > Connectivity > Bluetooth > Search new devices**.

2 Select a device from the searched list and then select **Options > Pair** to pair the device.

3 Enter Bluetooth passcode, and then press  to confirm.

- Enter the passcode for the receiving device in 15 seconds to complete the pair.
- For the Bluetooth headset, find the PIN code in the Bluetooth headset user guide, and then enter the PIN code.

4 If the pairing succeeds, a dialog box prompting the pairing succeeds is displayed, and queries whether to set the device as a trusted one.

5 You can select **Yes** or **No** to confirm or cancel it.

Select **Settings > Connectivity > Bluetooth > Devices**. The paired devices are displayed in this list. Select a device from the list, select **Options**, and you can perform the following operations:

Bluetooth

Options	Descriptions
Search	To search another Bluetooth device.
Pair/Unpair	To pair a device or unpair a paired device.
Set as trusted/ Set as untrusted	<ul style="list-style-type: none">• Set as trusted: The handset automatically receives data when there is a data transmission request.• Set as untrusted: The handset prompts you whether to receive data when there is a data transmission request.
Add to whitelist/ Remove from whitelist	Add the selected device to the whitelist or delete it from the whitelist.
Rename	You can rename the Bluetooth device.
Delete	You can delete the Bluetooth device from the device list.

Options	Descriptions
Delete all	You can delete all Bluetooth devices from the device list.
Device details	You can view the detailed information of the Bluetooth device.

Note

- The device list will keep the information of all paired devices. If your Bluetooth headset is used for the first time, you need to enter the PIN code for authentication. From then on you can use the headset directly.
- The way for using a Bluetooth loudspeaker is similar to that for a Bluetooth headset. For details, refer to the user manual supplied with your Bluetooth loudspeaker.
- Only when the connection has been established, you can adjust the volume of the Bluetooth headset.

■ Bluetooth

Accessing the Internet Using Bluetooth Technology

You can create Bluetooth-based Internet access through the Mobile Phone PC Assistant supplied with your mobile phone.

Note

- Windows 2000 and Windows XP are supported.
- Make sure that your PC supports the Bluetooth function and your SIM card allows the Internet access service.

- 1** Select **Settings > Connectivity > Modem** and set the port to **Modem via Bluetooth**.
- 2** Select **Settings > Connectivity > Bluetooth > Switch On/Off > On**.
- 3** Make sure that **Bluetooth modem** is in **Device Manager/Modem** of your PC. Run the driver program for Bluetooth on your PC, and then pair the mobile phone. After the PC has detected the

mobile phone dial-up network service you can activate this service.

- 4** Install the Mobile Phone PC Assistant. After inserting the CD, follow the prompts to complete the install.
- 5** Run the Mobile Phone Dial-up Internet on the PC.

For details of the operation, refer to the Help of the Mobile Phone Dial-up Internet from CD-ROM.

Setting the Bluetooth Device

Select **Settings > Connectivity > Bluetooth**, you can execute the basic settings for the Bluetooth functions.

Options	Descriptions
Switch On/Off	set the Bluetooth device to On or Off .
Search new devices	You can search for new Bluetooth devices.

Options	Descriptions
Devices	You can view all detected Bluetooth devices.
Visibility	You can set whether your phone can be found by other devices when the Bluetooth function is enabled..
Rename	You can rename your phone.
My device information	You can view the detailed information of your phone, such as the device name and device address.
Uninterrupted access On/Off	When Uninterrupted access On/Off is On, requests of devices in Whitelist are accepted. If it is Off, requests of devices not in Whitelist are rejected.

USB

Before Using USB

You can synchronise data between your phone and PC, surf the Internet with your phone and read the memory card by USB cable.

To use USB cable, please strictly obey the following rules. Otherwise, your phone or PC may be damaged.

Note

- To connect your phone with a PC through USB cable, first connect the USB connector to your phone, and then connect the other end of the cable to the PC. To disconnect your phone from the PC, first disable the Mobile Phone PC Assistant, then disconnect the USB connector from the PC, and finally disconnect the USB cable from your phone.
- If the PC cannot recognise your phone when connecting through the USB cable, power off and restart the PC and then retry.

■ USB

- Do not plug the USB cable in and out of your mobile phone frequently.

USB Synchronising

Your mobile phone supports the synchronisation requests from a PC to your phone.

With USB cable and the Mobile Phone PC Assistant, your phone can communicate with a PC. You can back up the contact entries and messages saved on your phone and the SIM card to a PC. You can also synchronise contacts, schedule events and To Do tasks between your phone and Outlook.

- 1** Install the Mobile Phone PC Assistant. After inserting the CD, follow the guide to complete the install.
- 2** Select **Settings > Connectivity > Modem** from the main menu of your phone and set the port to **Modem via USB**.
- 3** Connect your phone and PC with the USB cable.

- 4** Run the Mobile Phone PC Assistant on the PC.

- 5** Now you can operate the synchronisation.

USB Accessing the Internet

Connecting your phone and PC with the USB cable enables the PC to use the phone as a modem to establish a dial-up connection to the Internet.

Note Only Windows 2000 / Windows 2003 / Windows XP / Windows Vista are supported.

To use the Mobile Phone PC Assistant supplied with your mobile phone to access the Internet, follow these steps:

- 1** Select **Settings > Connectivity > Modem** and set the port to **Modem via USB**.
- 2** Install the Mobile Phone PC Assistant. After inserting the CD, follow the prompts to complete the install.
- 3** Connect your phone and PC with USB cable.

4 Confirm the USB device is shown in **Device Manager/Port** of your PC.

5 Run the Mobile Phone Dial-up Internet on the PC.

For details of the operation, refer to the Help of the Mobile Phone Dial-up Internet from CD-ROM.

USB ■



12

Connections

13 Settings

Phone settings

Phone language

- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Phone language**.
- 3 Press  to select the phone language:
 - Auto: to set the phone language to be the same as that used in your USIM card.
 - English: to set the phone language to be English.
 - Japanese: to set the phone language to be Japanese.
- 4 Press  to save.

Option dictionary


This function preset the emotion icon and place-name.

- emoticon dictionary & emoticon dictionary2: to save the emotion icon in your mobile phone. Select **On** to enable it.

Example, when you enter わらい, you can input (^_^), (*^^*), (*^ △ ^^)etc.

- Tokyo landmark dictionary & Tokyo osa kobe dictionary : to switch the address resding to the Tokyo landmark or Tokyo osa kobe when you enter text. Select **On** to enable it.

Date and Time

- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Date and time**.
- 3 Enter the date and time, and then press .



Date format

- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Date format**.
- 3 Select a date format:

- yy.mm.dd: The date format is year, month, and date.
- mm.dd.yy: The date format is month, date, and year.
- dd.mm.yy: The date format is date, month, and year.

4 Press  to save.





Shortcuts

- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Shortcuts**.
- 3 Select a scroll key, and then press .
- 4 Select a function in **Settings**, and then press .

Auto On and Off

- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Auto ON and OFF**.

Profiles

- 3 Press  to select **Auto ON**, set the cycle for **Auto On**, Then select **Save**.
- 4 Press  to select **Time**, set the time for **Auto On**, Then select **OK**.
- 5 Press  to select **Auto OFF**, set the cycle for **Auto OFF**, Then select **Save**.
- 6 Press  to select **Time**, set the time for **Auto OFF**, Then select **OK**.
- 7 Select **Options > Save** to save the settings.

Profiles

About Profiles


You can select different profiles for the phone to fit different environmental situations.

- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Profiles**.
- 3 Your mobile phone provides several profiles including **Normal**, **Meeting**, **Silent**, **Activity**,


■ Ringtone Settings

Car, Headset, Offline, My profile1 and My profile2.

Setting


- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Profiles**.
- 3 Press  to select a profile, select **Options > Edit** to edit it.

Switching


- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Profiles**.
- 3 Press  to select a profile, select **Options > On** to activate it.

Ringtone Settings


- 1 Select **Settings** in the main menu.
- 2 Select **Phone settings > Profiles**.

- 3 Press  to select a profile and select **Options > Edit** to edit it.


• Voice call tone:

- (1) Press  to select **Voice call tone**.
- (2) Select the saving position of audio files.
- (3) Select the audio file to set as voice call tone, and then select **Confirm**.

• Video call tone:




- (1) Press  to select **Video call tone**.
- (2) Select the saving position of audio files.
- (3) Select the audio file to set as video call tone, and then select **Confirm**.

• Message tone:




- (1) Press  to select **Message tone**.
- (2) Select the saving position of audio files.
- (3) Select the audio file to set as the message tone, and then select **Confirm**.

Ringtone Settings ■




- **Tone volume:**

- (1) Press  to select **Tone volume**.
- (2) Press  to set the volume of incoming call rings and incoming message rings.
- (3) Press  to confirm.




- **Earpiece volume:**

- (1) Press  to select **Earpiece volume**.
- (2) Press  to set the volume of the earpiece.
- (3) Press  to confirm.




- **Key tone volume:**

- (1) Press  to select **Key tone volume**.
- (2) Press  to set the volume of the key-beep.
- (3) Press  to confirm.




- **Prompt tone volume:**

- (1) Press  to select Prompt tone **volume**.
- (2) Press  to set the volume of the prompt tone.
- (3) Press  to confirm.

- **Vibration:**




- (1) Press  to select Vibration.
- (2) Press  to set enable or disable the vibration prompt mode.
- (3) Press  to confirm.

- **Flip tone:**

- (1) Press  to select Flip tone.
- (2) Press  to set whether to make a sound when you open/close your phone.
- (3) Press  to confirm.

■ Display settings



• On-off tone:

- (1) Press  to select On-off tone.
- (2) Press  to set whether to make a sound when you power your phone on/off.
- (3) Press  to confirm.

Display settings

Wallpaper

◆ Standard



- 1 Select **Settings** in the main menu.
- 2 Select **Display settings > Wallpaper > Standard**.
- 3 Press  to select a image file, press  to confirm.

◆ My Files

- 1 Select **Settings** in the main menu.

- 2 Select **Display settings > Wallpaper > My Files**.



- 3 Select the saving position of image files.

- 4 Press  to select a image file, and then press .

◆ Layout

- 1 Select **Settings** in the main menu.



- 2 Select **Display settings > Wallpaper > Layout**.

- 3 Press  to select the wallpaper layout, and then press .



- Center: The wallpaper is displayed in the center of the screen.
- Fit-to-screen: The wallpaper is stretched to fit the whole screen.
- Tile: The wallpaper is flatly displayed in the screen.



- 4 Press  to confirm.

Colour themes

- 1 Select **Settings** in the main menu.
- 2 Select **Display settings > Colour themes**.
- 3 Press  to select Theme1 or Theme2, and then press .

Brightness

- 1 Select **Settings** in the main menu.
- 2 Select **Display settings > Brightness**.
- 3 Press  to set the brightness of the screen, and then press .



Note There are three levels of brightness for the screen. Press  to descend; press  to ascend.

Keypad backlight

Describes how to set the keypad backlight.



- 1 Select **Settings** in the main menu.

Display settings ■

- 2 Select **Display settings > Keypad backlight**.
- 3 Press  to set enable or disable the keypad backlight, press  to confirm.

Backlight time


Describes how to set the backlight time.

- 1 Select **Settings** in the main menu.
- 2 Select **Display settings > backlight time**.
- 3 Press  to set the backlight time:
 - 5 seconds: The duration of the backlight is five seconds.
 - 15 seconds: The duration of the backlight is 15 seconds.
 - 30 seconds: The duration of the backlight is 30 seconds.
 - Always on: The backlight is always on.
- 4 Press .

■ Call Settings

LCD sleep delay

Describes how to set the backlight time.

- 1 Select **Settings** in the main menu.
- 2 Select **Display settings > LCD sleep delay**.
- 3 Press  to set the LCD sleep delay time:
 - 5 seconds: The duration of the LCD sleep delay is five seconds.
 - 20 seconds: The duration of the LCD sleep delay is 20 seconds.
 - 1 minute: The duration of the LCD sleep is one minute.

- 4 Press .

Greeting message

- 1 Select **Settings** in the main menu.
- 2 Select **Display settings > Greeting message**.
- 3 Enter a greeting message that appears on the screen when you power on your phone.

- 4 Press  to confirm.

Call Settings

Option service

Service	Meaning
Call forward- ing	It is used to forward incoming calls. (→ P164)
Call barring	It is used to set the call barring mode for the phone.(→ P164)
Call Waiting	It is used to enable or disable the call waiting function.(→ P165)

Note The option service are network-dependent. For more information, please consult your service provider.

Auto Redial


This function is used to auto redial the dialed number if the dialing failed.

Call Settings ■

- 1 In the main screen, select **Settings > Call settings > Auto Redial**.
- 2 Select **On** or **Off** to enable or disable the auto redial function.


Answer Mode

It is used to set the mode for answering an incoming call.

- 1 In the main screen, select **Settings > Call settings > Answer Mode**.
- 2 You can answer a call with the following way:
 - Open flip: To open the phone to answer a call.
 - Any key: To open the phone and press any key to answer a call.
 - Send key: To press  to answer a call.

Auto Answer

It is used to select auto answering for incoming calls.

- 1 In the main screen, select **Settings > Call settings > Auto Answer**.
- 2 You will have the following options:
 - Immediate answer: To answer an incoming call immediately.
 - Message: To auto send a text message that is preset and chosen from the "Common phrases" to the current caller.
 - Recorded message: To answer an incoming call by auto playing a recorded message.
Press  to start recording, and then select **OK** to enable the function.
 - Disable: To disable the auto answer function.

Calling ID

With this function, you can select whether your phone number is shown on the called phone.

- 1 In the main screen, select **Settings > Call settings > Calling ID**.

■ Call Settings

2 You will have the following options:

- Auto: Whether your phone number will be shown on the called phone depends on the network.
- Send: Your phone number will be shown (if the network supports this service).
- Hide: Your phone number will not be shown (if the network supports this service).

Select Line

It is used to set the call line for your phone.


In the main screen, select **Settings > Call settings > Select line**, two options are available: **Line 1** and **Line 2**

My Number

With this function, you can save your own phone numbers on the SIM card. In the main screen, select **Settings > Call settings > My Number**, you can select **Options** to edit or delete the records.

Call Barring Password

This function is used to change the password for call barring.

- 1** In the main screen, select **Settings > Call settings > Call barring password**.
- 2** Enter the old call barring password. (This is provided by your network operator if it is the first time for you to change the password.)
- 3** Enter a new call barring password.
- 4** Enter once again the new call barring password, and then press .

Prompt to save

This function is used to prompt whether to save the number when there is an incoming call.



- 1** In the main screen, select **Settings > Call settings > Prompt to save**.
- 2** Select **On** or **Off** to enable or disable this function.

Security Settings

You can change settings related to the phone security, including Reset, Password lock, Change password, Fixed dialer number, DRM setting. (→ P143)







Network settings

Mode

- 1 Select **Settings** in the main menu.
- 2 Select **Network > Mode**.
- 3 Press  to select the network mode:
 - UMTS: The mobile phone searches the network signal only in the UMTS network.
 - GSM: The mobile phone searches the network signal only in the GSM network.
 - Auto: The mobile phone automatically searches the network signal in the current network.
- 4 Press .

Security Settings


Select network

- 1 Select **Settings** in the main menu.
- 2 Select **Network > Select network**.
- 3 Press  to select the network.
 - Auto: Press  to select Auto. The mobile phone automatically searches the network signal and registers to the network.
 - Manual:
 - (1) Press  to select manual.
 - (2) Press  to select to select the network to be registered in **Operator list**.
 - (3) Press .
- 4 Press  to confirm.

My PLMN list

- 1 Select **Settings** in the main menu.
- 2 Select **Network > My PLMN list**.

■ **Network settings**

3 Press  to select My public land mobile network (PLMN).





4 Press .


14 Security Settings


Reset

- 1 Select **Settings** in the main menu.
- 2 Select **Security > Reset** to reset your phone to the factory settings.
- 3 Select **Yes** or **No** to confirm or cancel it.

Password lock



- 1 Select **Settings** in the main menu.
- 2 Select **Security > Password lock**.
 - Phone lock:
 - (1) Press  to select Phone lock.
 - (2) Press  to select **On** or **Off**.
 - (3) Enter the phone password, press  to confirm.
 - PIN lock:
 - (1) Press  to select PIN lock.

(2) Press  to to select **On** or **Off**.

(3) Enter the PIN code, press  to confirm.

Change password


• For further information about PINs:(→ P23)

- 1 Select **Settings** in the main menu.
- 2 Select **Security > Change password**.
 - Phone password:
 - (1) Press  to select Phone password.
 - (2) Enter the old password (The initial phone password is 0000).
 - (3) Enter a new password.
 - (4) Enter the new password again to confirm.
 - PIN code (To modify the PIN code, you must set the "PIN lock" to "On" first.):
 - (1) Press  to select PIN code.
 - (2) Enter the old password.

■ Fixed dialer number

- (3) Enter a new password.
- (4) Enter the new password again to confirm.

• PIN2 code:

- (1) Press  to select PIN2 code.
- (2) Enter the old password.
- (3) Enter a new password.
- (4) Enter the new password again to confirm.


Note

- If you enter the wrong PIN or PIN2 three times, the SIM card will be locked. You need the PUK or PUK2 code to unlock the SIM card. If you enter the wrong PUK or PUK2 code 10 times in total, the SIM card will be locked permanently.
- PUK or PUK2 code are delivered with the SIM card. If you do not have one or forget it, contact your service provider.



Fixed dialer number

1 Select **Settings** in the main menu.



2 Select **Security > Fixed dialer number**.


3 Press  to enable or disable the function.

- To enable fixed dialer number function:

- (1) Press  to select ON.
- (2) Enter the PIN2 code.
- (3) Press  to confirm.

- To disable fixed dialer number function:


- (1) Press  to select Off.
- (2) Enter the PIN2 code.
- (3) Press  to confirm.

- To view the FDN list: Press  to select FDN list, you can view fixed dialer number list

DRM setting

- 1 Select **Settings** in the main menu.
- 2 Select **Security > DRM setting**.
- 3 Enter the phone password (The initial phone password is 0000).
- 4 Select **Delete all rights** to delete all rights.
- 5 Select **Yes** or **No** to confirm or cancel it.

15 Organiser & Tools


This function provides you with various assistant tools. You can access the **Organiser & Tools** screen by selecting  from the main menu.


SIM ToolKit

Your mobile phone supports a number of clever Sim ToolKit (STK) functions. The contents depends on your USIM card. For more information, consult your service provider.

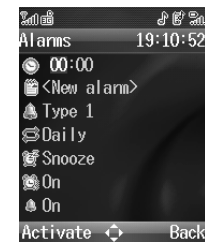
Alarms

Setting Alarm Clocks





You can set up to six alarms.  appears in standby when alarm is set.




- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Alarms**.


- 3 Press  to select an alarm.



- 4 Set the following as required.

Icon	Item	Description
	Time	Alarm time.
	Tips	Alarm tips.
	Select tone	Select Standard tone or select one from My Files.
	User-defined	Select Daily, Once, Mon-Fri, or any day from Monday to Sunday.

Icon	Item	Description
	Snooze	Select whether to enable this function. Select Snooze, the alarm automatically postpones five minutes.
	Vibration	Set vibration On or Off .
	Sound alarm	Set sound alarm On or Off .

After setting the alarm, press  to select Activate. The alarm is activated.

Prompt Interface for an Alarm

When the alarm time arrives, alarm tone sounds/ vibrates as set and a prompt interface is displayed.

- You can stop the ringing by pressing any key or by folding/unfolding your phone.
- If you do nothing to the alarm, alarm tone sounds/ vibrates for fifty-five seconds, repeating up to three times at five minutes intervals.


Alarms



- If snooze is on, you can select to snooze the alarm on the prompt interface.

Note

- If your phone is powered off, the alarm clock can still ring. When the alarm rings, you can choose to power on the phone.
- When you are making a call, alarm tone does not sound/vibrate, while the prompt interface is displayed.
- The operation of snooze can be executed for many times and the delay time is five minutes.

Stopping the Alarm Clock


Select an alarm clock from the list, and press  to deactivate it.

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Alarms**.
- 3 Press  to select an activated alarm.

Calendar


- 4 Press  to stop it.

Calendar Display the Calendar

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Calendar**.
- 3 Select **Options > View mode** to view calendar in **Monthly**, **Weekly** or **Daily**. Example, when current view mode is Monthly view screen, you can only select **Weekly** or **Daily**.






Monthly View Screen

On the Monthly view screen, you can press scroll keys to switch among the days and select the needed day. Then, press  to access the schedule events list of the day.






Weekly View Screen


On the Weekly View Screen, you can press  to switch among different weeks; and press  to switch among the days of a week. Then, press  to create a schedule event or view the details of a schedule event.





Daily View Screen

On the Daily View Screen, you can press  to switch among different days of a week; and press  to switch among the events of a day. Then, press  to create a schedule event or view the details of a schedule event.




New Schedule

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Calendar**.
- 3 Select **Options > New** to create the schedule events for the current day.



Icon	Item	Description
	Schedule title	Enter schedule title
	Schedule location	Enter schedule location




Calendar






Icon	Item	Description
	Schedule type	Select schedule type <ul style="list-style-type: none"> • Appointment • Personal • Work • Meeting • Phone • Courses • Travel • Holiday • Other
	Start date&time of the schedule	Set start date and time of the schedule event
	End date&time of the schedule	Set end date and time of the schedule event


15

Organiser & Tools

Calendar



Icon	Item	Description
	Alarm type	Whether the alarm is on <ul style="list-style-type: none"> • No alarm • Alarm
	Alerting time in advance	when to prompt before the start time <ul style="list-style-type: none"> • On time • 10 mins before • 30 mins before • 60 mins before • Custom
	Alarm cycle	Set the alarm cycle as: <ul style="list-style-type: none"> • Once • Any day from Monday to Sunday • Monthly

Icon	Item	Description
	Schedule details	Enter Schedule content
	Sound alarm	Set Sound alarm as: <ul style="list-style-type: none"> • Off • On
	Vibration	Set Vibration as: <ul style="list-style-type: none"> • Off • On
	Select alarm tone	Select schedule alarm ringtone from Standard tone or My Files
	Image files	Select image file from My Files

After setting the schedule, press  to save the schedule event.

Note You can create up to 500 schedules in total and 15 for each day. While creating a new schedule, you need to set the alarm on before setting the alerting time in advance, the alarm cycle, the sound alarm, the vibration, the alarm tone and the image.

Operations to Schedule


- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Calendar**.
- 3 Select **Options > Display event > All** to view all the schedule events.
- 4 Press  to select the schedule event to operate.
- 5 Press **Options**, you can select the following operations to the schedule event.

Item	Description
Edit	To edit the schedule event.

Calendar

Item	Description
Delete	To delete the schedule event.
New	To create a new schedule event.
Copy	To copy the event to phone or to memory card.
Send event(s)	To send event through SMS or blue-tooth.
Export	To export the event to the Calendar folder in Memory card.
Import	To import the event in the memory card folder to the phone.
Mark/Unmark	To mark/unmark an event or all events .

Other Menu Options in Calendar

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Calendar**. The default main view is Monthly view.

■ Calendar

- 3** Select **Options**, you can perform the following operations.

Item	Description
New	To create a new schedule.
Go to	To go to a certain date directly from the Month view screen.
Display event	To view all events, specified events, Calendar files and to back up all schedules to a memory card.
View mode	To view the calendar in the other two different modes: day view or week view.
Management	To manage all schedules <ul style="list-style-type: none">• Backup all• Restore data
Delete event	To delete all events, all overdue events or specific period events.
Settings	To set save location, main view, week begin day.
Memory status	To view the memory status, including the used space and the total space.

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Prompt Interface for a Schedule

When it is time to remind you of a schedule, alarm tone sounds/vibrates as set and a prompt interface is displayed.


- You can stop the ringing by pressing any key or by folding/unfolding your phone.
- On the prompt interface, you can snooze the alarm or stop the prompt.

- Note**
- If your phone is powered off, the alarm tone can still ring/vibrate. When the alarm rings, you can choose to power on the phone.
 - When you are making a call, alarm tone does not sound/vibrate, while the prompt interface is displayed.
 - The operation of snooze can be executed for many times and the delay time is five minutes.

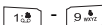
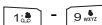


Calculator

You can perform addition, subtraction, multiplication, division and extraction operations on your phone.









1 Select **Organiser&Tools** in the main menu.

2 Press  to select **Calculator**.



Operation	Assigned Key
Number(0-9)	 - 
+	
-	

Calculator





Operation	Assigned Key
*	
/	
=	
Decimal point	
Extraction of square root	
Delete the character on the left of the cursor	
Clear	
Exit	


Note With the Calculator, you can only calculate positive real numbers and cannot enter negative real numbers.

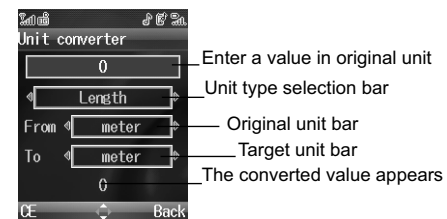
Unit Converter

You can convert units of length and weight .

■ Currency Converter



- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select Unit converter.
- 3 On the unit type selection bar, press  to select weight or length.
- 4 On the **original unit** bar, press  to select the unit to be converted from.
- 5 On the **target unit** bar, press  to select the unit to be converted to.
- 6 On the input bar, enter a numeric value to be converted.
Then you can view the conversion result.



Press  or select CE to clear the numeric values you entered.




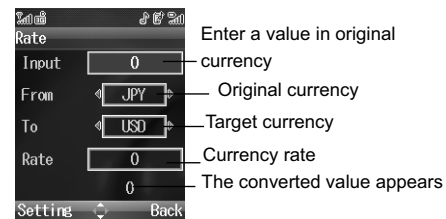
Currency Converter

You can convert currencies for various countries.

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Currency converter**.
- 3 Press  to switch between the setup items
- 4 On the **Input** bar, press the number keys to enter a numeric value to be converted.

- 5 On the **From** bar, press  to select the currency to be converted from.
- 6 On the **To** bar, press  to select the currency to be converted to.
- 7 On the **Rate** bar, enter the currency rate.
Then you can view the conversion result.

Press  to clear the numeric values you entered.



Press **Setting** in the currency converter screen, and you can select frequently used currency units. This makes it easy to switch between selected units in the **From** or **To** bar.

Synchronise


- CNY: Chinese currency
- USD: United States currency
- HKD: Hong Kong currency
- GBP: Great Britain currency
- EUR: European currency
- JPY: Japanese currency

Synchronise

With this function, you can synchronize the information in the phone and that on the server through the wireless network. The information includes the Contacts, the Calendar and the Task.

Set Profile




Before you use the synchronise function, you need to set a profile.

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Synchronise**.

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Organiser & Tools

■ Task

- 3 Select **Options** > **New** to create a profile.
- 4 Input profile name, then press  to save it.
- 5 Press  to switch between **Synchronise item**, **Server Setting**, and **Network profile**.
- 6 In the **Synchronise item** screen, select the item to be synchronized and press  to confirm it. Then, enter the **Database name**, **User name**, **Password** of the synchronization item.
- 7 In the **Server Setting** screen, enter the **Server Address**, **User name** and **Password**.
- 8 In the **Network profile** screen, enter the Proxy address and Proxy port. Then, select a **Network Access Point**.
- 9 Return to the previous menu and select **Options** > **Synchronise** to start synchronising.

Note This service is network dependent. It is not available in all networks. Please contact your service provider for more information.

Operations to Profile

After setting the synchronization profile, you can select **Options** to perform the following operations:


Operation	Description
Synchronise	To start synchronization
New	To create new profile
Edit	To edit the profile
View log	To view the latest synchronization log
Rename	To rename the profile
Delete	To delete the profile

Task



You can define and manage tasks to be conducted before a certain time. Your phone can remind you of these tasks and track them automatically.

The tasks are classified into three kinds: pending, done, and all.







New Task

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Task**.
- 3 Select **Options > New** to create a new task.





Icon	Item	Description
	Task title	Enter the title of the new task
	Deadline date	Set the deadline date of the new task

Task

Icon	Item	Description
	Priority	Set the priority level of the new task: <ul style="list-style-type: none"> • Prior • Important • General
	Task state	Set the accomplishment status of the task according to the process
	Task alert	Whether to alert <ul style="list-style-type: none"> • No alert • Alert
	Sound alarm	Set Sound alarm as: <ul style="list-style-type: none"> • Off • On
	Vibration	Set Vibration as: <ul style="list-style-type: none"> • Off • On
	Alert time	Set the alert time of the task



■ Task

Icon	Item	Description
	Task type	Set the type of the task: <ul style="list-style-type: none">• Personal• Work• Other

After setting the task, press  to save the task.

Note You can define up to 1000 tasks on your phone. While creating a new schedule, you need to set the alert on before setting the sound alarm, vibration and the alert time.

Operations to Task

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Task**.
- 3 Press  to switch between **Pending**, **Done**, and **All Tasks**.

- 4 Select **Options**, you can perform the following operations.

Item	Description
Edit	To edit the task.
New	To create a new task.
Send	To send the task through SMS or blue-tooth.
Copy	To copy the task.
Day view	To view.
Set as done	To set the accomplishment status of the task as done.
Delete	To delete the task.
Delete all	To delete all the tasks.
Memory status	To view the memory status, including the used space and the total space.

Prompt Interface for a Task

When it is time to remind you of a task, alarm tone sounds/vibrates as set and a prompt interface is displayed.

- You can stop the ringing by pressing any key or by folding/unfolding your phone.
- On the prompt interface, you can snooze the alarm or stop the prompt

Note

- If your phone is powered off, the alarm tone can still ring/vibrate. When the alarm rings, you can choose to power on the phone.
- When you are making a call, alarm tone does not sound/vibrate, while the prompt interface is displayed.
- The operation of snooze can be executed for many times and the delay time is five minutes.



Voice Recorder

You can record voices or sounds on your phone.

Voice Recorder




Recording Voice

◆ Start Recording

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Voice recorder**.
- 3 Press  to start recording or select **Options > Record** to start recording.

Change the recording duration. P160

◆ Operations During the Recording

- Record/Pause: During recording, press  to pause, and press  again to resume.
- Stop and save: During recording, press  to stop recording. The audio file is saved in **My Files\Music** automatically.

◆ Operations After the Recording

After recording is complete, you can select **Options** to do the following operations:




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Organiser & Tools

■ Memo

- Send: To send the record file through MMS or bluetooth.
- Play: To play the record file instantly.
- Delete: To delete the record file.


Playing Record

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Voice recorder**.
- 3 Select **Options > Go to gallery**.
- 4 Press  to select the record file you want to play.
- 5 Press  to play the record file.

Play record file. (→ P114)

Note After recording is complete, you can select **Options > Play** to play the audio file instantly.


Setting Record Duration

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Voice recorder**.
- 3 Select **Options > Duration**, you can set the record duration as:
 - 1 minute
 - 5 minutes
 - No limit


Memo

You can take down important events on your phone. You can save up to 100 such memos.

New Memo

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Memo**.


3 Select **Options** > **New** to create a new memo.

4 Press  to save the memo.

Operations to Memo

1 Select **Organiser&Tools** in the main menu.

2 Press  to select **Memo**.

3 Press  to select a memo you want to operate.

4 Select **Options**, you can perform the following operations:

Item	Description
Edit	To edit the memo.
New	To create a new memo.
Send	To send the memo through SMS or bluetooth.
Delete	To delete the memo.
Delete all	To delete all the memos.

World Time


Item	Description
Memory status	To view the memory status, including the used space and the total space.


World Time

You can view the time of important cities around the world.

Viewing the Time Zone

1 Select **Organiser&Tools** in the main menu.

2 Press  to select **World Time**.


3 Press  to switch among the time zones.



■ Stopwatch

Setting the Time Zone

◆ Set time zone


1 In the viewing time zone screen, press  to switch to the desired time.

2 Select **Options > Set time zone**

◆ Set to DST

If the daylight saving time (DST) is used in your city, you need to set the phone to DST. Then, you can get the right local time.

To set the phone to DST:


1 In the viewing time zone screen, press  to switch to the desired time.

2 Select **Options > Set to DST.**







Stopwatch

You can use the stopwatch function and save up to five records on your phone.

1 Select **Organiser&Tools** in the main menu.



2 Press  to select **Stopwatch.**

3 On the Stopwatch screen, you can perform the following operations:



- Start: Press  or press  to start timing.
- Save: Press  or press  to save the first item of timing. Then the second item starts automatically. Go on operating in turn.
- Pause: Press  to pause timing.
- Continue: In pause state, press  or select **Options > Continue** to continue timing from where it paused.
- Reset: In pause state, select **Options > Reset** to clear all the stopwatch records.

Timer


You can set a timer for up to 99 hours and 59 minutes.

- 1 Select **Organiser&Tools** in the main menu.
- 2 Press  to select **Timer**.
- 3 Enter the time.
- 4 Press  to start the timer. The Timer is displayed on the home screen.

After the timer is started, repeat the preceding Step 1-2 to perform the following operations:

- Pause: Press  to pause timing.
- Continue: In pause state, press  to continue timing from where it paused.

Timer ■

- Reset: In pause state, press  to reset the timer.



Service Dial Number

With this number, you can get in touch with your service provider.


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Organiser & Tools


16 Option Service

The option service are network-dependent. For more information, please consult your service provider.


Call Forwarding

- 1 In the main screen, select **Settings > Call settings > Call forwarding**.
- 2 Select the forwarding condition from **All calls, If out of reach, If busy, and If not answer**.
- 3 Then select the forwarding type from **Voice call, Data call and All services**. You will have the following options.
 - Activate: Enter the forwarded-to number and press  to forward incoming call to this number.
 - Deactivate: Cancel call forwarding settings.
 - Check status: Check the status of call forwarding service.

Alternatively, you can select **Disable all** and then select one from the four items: **Voice call, Data call**

and **All services**. Then press  to disable all call forwarding services of this type.

Disable All Call Forwarding



- 1 In the main screen, select **Settings > Call settings > Call forwarding**.
- 2 Select **Disable all** and then select one from the four items: **Voice call, Data call and All services**.
- 3 press  to disable all call forwarding services of this type.

Call barring


Select **Call setting > Call barring** for the following options:

Barring outgoing calls:


- 1 Select the barring condition from **All outgoing calls, International calls, and International calls except home**.

- 2** Then select the barring type from **Voice call**, **Data call**, and **All services**. You will have the following options:
- Activate: Enter the call barring password and press  to enable this service.
 - Deactivate: Enter the call barring password and press  to disable this service.
 - Check status: Check the status of the call barring service.


Barring incoming calls:

- 1** Select the barring condition from **All incoming calls** and **Incoming calls when abroad**.
- 2** Then select the barring type from **Voice call**, **Data call**, and **All services**. You will have the following options:
- Activate: Enter the call barring password and press  to enable this service.

Call Waiting ■

- Deactivate: Enter the call barring password and press  to disable this service.
- Check status: Check the status of the call barring service

Disable All

Select one type from **Voice call**, **Data call** and **All services**, and then enter the call barring password. Press  to cancel all call barring services of each type.

Call Waiting

The call waiting function is network-dependent. For more information, please consult your service provider.

- 1** In the main screen, select **Settings > Call settings > Call Waiting**.
- 2** You will have the following options:
- On: To enable the call waiting function.

■ Call Waiting

- Off: To disable the call waiting function.
- Check status: To check the status of the call waiting service.

17 Appendix

Functions


Main Menu Item	Item	Page
Entertainment	Camera	P103
	Music	P113
Browser	EMnet	P97
	Enter URL	P98
	Bookmarks	P99
	Internet settings	P102
Call Log	-	P41
Music	My music	P113
	Playlist	P116
Messaging	Write MMS	P78
	MMS	P78
	Write SMS	P88
	SMS	P88
	Push Inbox	P95
	Settings	P87,P94,P95

Main Menu Item	Item	Page
My Files	Pictures	P119
	Music	P119
	Ringtones	P119
	Videos	P119
	Other	P119
Organiser&Tools	Sim ToolKit	P146
	Alarms	P146
	Calendar	P148
	Calculator	P153
	Unit converter	P153
	Current converter	P154
	Synchronise	P155
	Task	P156
	Voice recorder	P159
	Memo	P160
Organiser&Tools	World Time	P161
	Stopwatch	P162
	Timer	P163
	Service dial number	P163

■ Troubleshooting

Main Menu Item	Item	Page
Contacts	-	P59
Settings	Phone settings	P132
	Display settings	P136
	Message settings	P87,P94,P95
	Call settings	P138,P164
	Video call	P72
	Connectivity	P124
	Network	P141
	Security	P141,P143

Troubleshooting

- Mobile phone does not turn on
 - Was  pressed for more than two seconds?
 - Is battery inserted properly? (→ P29)
 - Is battery level sufficient? If the battery is low, please recharge the battery. (→ P30)
- The PIN screen is displayed when H12HW is turned on.

– The PIN lock function is enabled, and you need to enter the PIN code.(→ P143)

- The Phone password screen is displayed when H12HW is turned on.

– The Phone password function is enabled, and you need to enter the phone password. The default password of H12HW is 0000. (→ P143)

- The Insert USIM screen is displayed when H12HW is turned on.

– The USIM card is not inserted or incorrectly inserted. Insert the USIM card.(→ P22)


– Make sure that the USIM card is a valid one.

– USIM card IC chip may be dirty. Wipe with a clean cloth, then insert USIM card properly.

- The music touch keys do not response when playing music files.

– Make sure whether the touch key lock is enabled. If there is a lock on the upper right corner of the external display, press and hold the camera key to unlock it.

Troubleshooting ■

- Calls or Video Calls cannot be connected or message and web connections are not available.
 - Check whether No service is displayed, or is H12HW out-of-range or in a location where signal is weak or unstable? If yes, move to a location where signal is strong.
 - Check whether your mobile phone is Offline. If there is  on the upper right corner of the display, switch to another profile. (→ P133)
- Calls or Video Calls cannot be connected.
 - Are Calls long distance calls? If yes, consult your service provider.
 - Is restricting outgoing calls in Call Barring? (→ P164)
- No names are displayed for received messages or calls
 - Those contacts' names are not saved in your Contacts.
 - This may occur just after turning H12HW on. Return to Standby and retry later.
- The predefined contents such as ringtone, image, and name cannot be displayed when a call or video call is received
 - This may occur just after turning H121HW on. When you receive a call or video call at this time, you can only see the number but not the image.
- Bad communication quality and calls often disconnect
 - Is H12HW out-of-range or in a location where signal is weak or unstable? Move to a location where signal is strong.
- Cannot charge battery
 - Make sure the AC charger is firmly connected to H12HW. (→ P30)
 - Is AC charger securely plugged into an outlet?
 - Is battery installed in H12HW correctly?(→ P29)
 - Make sure H12HW, battery, AC charger terminals are clean.
 - Battery may not charge beyond +5 °C and +35 °C .
 - Battery may need to be replaced.

Pictograph List ■

Pictograph List



Memory List

Shared Memory		
Mes- saging	MMS	Storing up to 200 MMSs
	SMS	Storing up to 500 SMSs
Web	Enter URL	Storing up to 10 history URL
	Bookmarks	Storing up to 50 book-marks
	Saved pages	Storing up to 12 pages
Phone	-	Storing up to 1,000 con-tacts
Call Log	Missed call	Storing up to 50 missed calls
	Received call	Storing up to 50 received calls
	Dialed calls	Storing up to 50 dialed calls

■ Specifications

Note The number of savable items varies depending on data amount.

Specifications

H12HW

Item	Specification
Weight	97.8 mm × 49.5 mm × 17.5 mm
Dimensions (L × W × H)	< 105 g (including the battery)
Continuous standby time	• GSM: Approx. 460 hours • 3G: Approx. 640 hours
Continuous talk time	• GSM Talk: Approx. 190 minutes • 3G Talk: Approx. 180 minutes • 3G Video Talk: Approx. 120 minutes
Charge time	2.5 hours

Battery

Item	Specification
Voltage	3.7V
Battery	Li-ion
Capacity	850mAh
Dimensions	Approx. 37.8*5.7*44.5mm

AC Charger

Item	Specification
Prosper Source	AC 100V-240V
Input Current	0.2A MAX
Output Voltage/ Current	5.3V/650mA
Dimensions (L × W × H)	59.6*61*28mm
Cord Length	1800 ± 50mm



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