

# Welcome

Welcome to Motorola's world leading mobile communication technology. Motorola's mobile communication equipment are designed and produced in compliance with its strict in-house standards and the international standards. They are subject to the strict quality tests including temperature test, humidity test, dust test, vibration test and drop test. We are sure that you will be highly satisfied with the Motorola products made through these processes.

Thank you again for selecting our products, and hope that you would succeed in your business with your product.

- \* Any content of this manual and any function of this product are subject to change according to situation.
- \* We suggest that you set your phone to vibration mode at a public place.

# Prohibition of illegal modification of IMEI

Removal or change of IMEI (International Mobile Equipment Identity) installed in the mobile phone manufactured and supplied by Motorola, or an attempt to reproduce and enter another IMEI in the mobile phone is strictly prohibited and subject to max. 10-year prison sentence or a fine not exceeding 20 million Won in pursuant of Article 347 of the Criminal Act.

In addition, such an illegal act may damage the software installed in the phone. Therefore, customers are required to use care not to incur any damage due to such an illegal act. The product which is illegally modified is excluded from any free or paid service warranted by Motorola.

# For your safety

Read this 'For your safety' carefully in order to secure safety of the user and to prevent damage to property. Please keep this manual in the place which can be accessed at any time by the user.

## CAUTION!

- Do not lend your own phone to other person inadvertently.
  - Please observe the proprieties in public places.
  - For repairs or other alter services, contact our designated service center.
  - If your phone has got lost or stolen, immediately report to the relevant telecommunications service provider.
  - You are required to refrain from using unauthorized devices.
    - Using chargers, hands-free kits, data communication cables, batteries, or equipment other than genuine ones may deteriorate this product's performance or cause malfunction, external deformation or breakage.
  - Use the accessories like an earphone cautiously.
    - If you are exposed to loud sound for long periods of time, damage to your hearing can occur.
  - Make it rule to record important data separately.
    - Input data such as telephone numbers for a mobile phone may be corrupted due to user's inadvertence or unexpected problems.
  - Make sure not to be in water or moisture.
    - If either mobile phone or battery is immersed in 'water' or 'liquid', the color of immersion-checking label affixed to the mobile phone or battery will be changed. In the case of malfunction due to such reason, free service warranted by Motorola will be rejected.
- ※ This product should not be added with any separate equipment that may cause an alteration to its original performance as described on type registration.

## To use the mobile phone safely and for a long time,



### Make sure to use authentic goods only.

Using an unauthorized battery or charger will shorten a life cycle of the mobile phone or deteriorate its performance.



### Be careful not to cause damages to the glass of mobile phone display.

- The LCD may be damaged if it is given a strong impact or is dropped to the ground.
- If the glass gets damaged, please do not touch it by hands, but contact the nearest Motorola service center immediately.



### Do not dry an immersed mobile phone with a heating apparatus.

If you dry an immersed mobile phone or battery with a heating apparatus may cause a mobile phone's explosion and external deformation or failure. Do not turn on the power while the phone is wet. Instead, separate a batter from the phone and contact a service center designated by Motorola.

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### Use and keep the phone at room temperature.

If a mobile phone or battery is placed at very hot places (inside a car in summer, an airtight place under the direct sunlight, near the fire, etc), it may run into a danger of explosion fire or external deformation. If it is used and kept at very cold places, it may reduce the capacity and lifetime of the battery.



### Keep the mobile phone clean.

- If there are foreign substances on a metal part of a charger or battery-charging contact, the phone may not be charged properly.
- Use smooth cloth to clean the mobile phone. Using chemicals (such as alcohol, benzene, thinner, etc.) for cleaning purpose may cause a fire.



### Do not give strong impact to the mobile phone, and do not disassemble or modify it.

Giving a strong impact or dropping the mobile phone or battery may cause the phone to run into failure or explosion. In case of disassembling or modifying the mobile phone inadvertently, a free service will be rejected.



### Do not use the phone while charging.

If you use the mobile phone while charging it with a charger or USB data cable, you may have a risk of electric shock or fire. Make sure that you use the phone after separating it from USB data cable or charger.



### Use a ground-available outlet for PC power when using an USB data cable.

If you connect the phone with PC (personal computer) via an USB data cable, you may encounter a risk of electric shock depending on the grounding state of the PC power.



### Do not place items containing magnetic components.

The magnetic strip such as a credit card, phone card or transportation ticket, can be damaged by the phone.

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### Make a back-up record of the input information in mobile phone.

- Input information like telephone numbers can be deleted upon user's inadvertency, upgrade, repair or unexpected problem.
- A manufacturer shall not be responsible for any information loss.



### Do not hold the antenna when the phone is in use.

If you hold it, it can affect call quality, it also may cause the phone to operate as higher power level that needed and shorten talk and standby times.



### Keep the phone out of reach of animals or children.

If children or animals suck or bite the mobile phone or battery, they may run into a risk of having an electric shock, explosion, exposure to electromagnetic wave, damaged parts (rubber stopper) stuck in the throat, and suffocation. In case a child use the phone, make sure that they are fully aware of this precaution.



### Be careful when you use a necklace or cord for the mobile phone.

Be careful that using a necklace or cord for the mobile phone may cause you to run into dangerous accidents like being caught in train, electric railway or car doors.



### Make sure to use authentic goods only.

- Paint or metallic content on the phone may cause an allergic reaction, eczema, itching, swell, and etc.
- If any of the above symptoms occurs, stop using the phone and visit a doctor.

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## Locations for using the mobile phone



### Do not use the mobile phone in a potentially explosive atmosphere.

Turn off your phone in a potentially explosive atmosphere like construction sites and military areas. Obey all the instructions and signals posted in a potentially explosive atmosphere. Construction crews often use remote control RF devices to set off explosives.



### Do not use the mobile phone in near inflammable materials.

Do not install or use accessories onto your phone in a potentially explosive atmosphere including gas station, gas leak areas, and deck on boats.



### Do not use the mobile phone in a prohibited area like air crafts and hospitals.

Using a mobile phone may cause accidents in some aircraft and hospitals using RF equipment.



### Do not use the mobile phone near pacemakers.

- The Health Industry Manufacturers Association recommends to keep a minimum of 15cm (6 inches) from the pacemaker when the phone is switched on.
- Person with pacemaker should always use the phone in the opposite side of the pacemaker and maintain a separation of 15cm or more.

## Using the mobile phone while driving



### Refrain yourself from using the mobile phone while driving.

- Using the mobile phone in driving a car may cause direct and indirect car accidents.
- Check the laws and regulations on the use of mobile phones in the areas when you drive. Such an act is fined penalties and demerits under the Road Traffic Act.



### Do not install a hands-free device near air bag.

An air bag inflates with great force in a moment. Do not leave your phone or set up the hands-free kit near to the air bag. You may be seriously injured when the air bag is activated.

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## Using battery and charger



### A battery for charging is consumable.

The repetition of charge/discharge will shorten its service time gradually.



### The flicker of the lamp while charging the mobile phone and the battery means that the charge is not processed.

Check the charger to avoid the trouble that may occur to each device.



### If the temperature of the phone rises over 45°C while charging the battery, the phone stops charging and switch on the LCD screen and keypad lights.



### Mobile phone and battery cover need to be combined at all time.

If not, it may cause malfunction.



### In case of separating a battery from the mobile phone, please turn off the power.

If not, it may cause malfunction.



### Make sure to use only the TTA-authorized battery.

Using unauthorized charger may cause fatal accidents like degraded battery safety, shorter service life, explosion or fire.



### Do not expose the phone direct sunlight or use it in places with high humidity.

Store in the room between 0°C ~ +40°C. It may damage the phone and cause the phone to explode.



### Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.

It may damage the phone and cause the phone to explode.



### Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.

It may damage the phone and cause the phone to explode.

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# 01

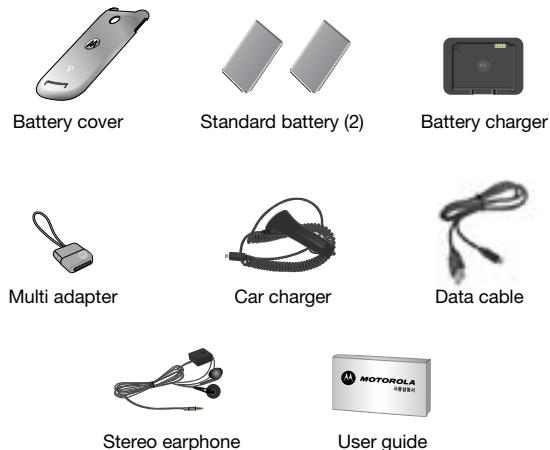
## Before Use

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# 1. Components

Before using your phone, make sure you have all the components included in your package.

Mobile phone



\* Above illustration may look slightly different and the supplied items may change without notice.

# 2. Parts of the Phone

## Part names

Front view



Clear cover  
External mic

Rear view

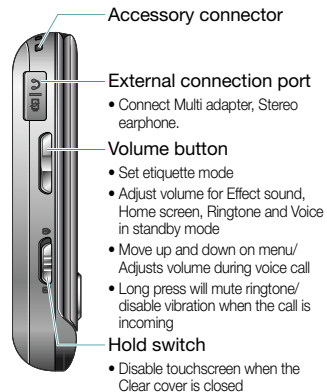


Camera  
Battery cover  
Speaker

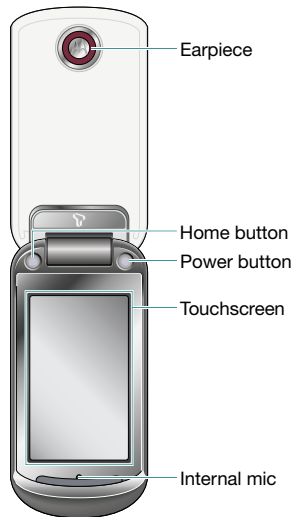
## 2. Parts of the Phone (Cont'd)

### Part names (Cont'd)

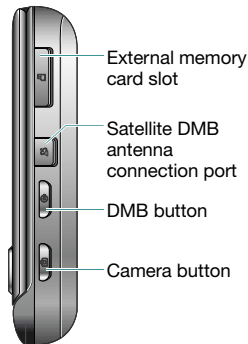
#### Left side view



#### Open view



#### Right side view



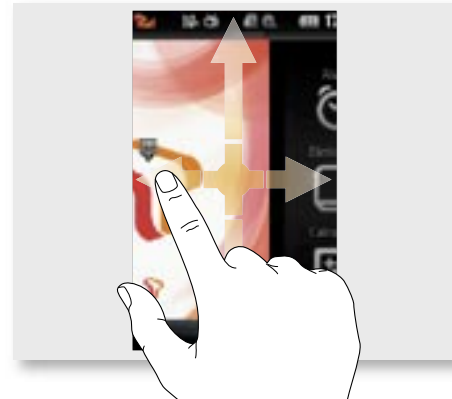
## 3. Touchscreen

### Selecting menu



- You can point the screen and tap to run the application
- Touchscreen uses heat sensor to respond. Therefore, touchscreen will not respond if you use stylus, pen or other objects.

### Moving



- You can drag up, down, left and right by using your finger to move within the screen.

# 4. Main Screen

## Main screen

**Status indicator**  
You can view different icons that show depending on different status.

**Quick setting**  
You can turn on/off the airplane mode, bluetooth mode, and alarm by touching the bar.

**Main display**  
You can drag the screen left and right to select a different background to view on the main screen.

**Main menu**  
You can see the hidden main menu by touching the bar.

**Application shortcut**  
You can easily access to Phone, Message, Phonebook, and T Service.

## Status icons

**Standby**

To reduce the battery consumption, screen backlight will turn off automatically after pre-set backlight duration.

	Signal strength		Service is not available
	Connected to voice call or NATE		Out of service area
	Connected to roaming service		New text/voice message received
	New e-mail received		Function locked (Lock all, Individual lock)
	External memory card inserted		Ringtone ON
	Ring & Vibrate		Etiquette mode
	Battery level Full Low Charge needed		
	Airplane mode ON		
	USB data cable connected		Alarm ON

## 4. Main Screen (Cont'd)



Tap and hold the switch and drag up and down to turn on/off the Quick settings.

### Quick setting

■ You can set the airplane mode, bluetooth mode, and alarm.



#### Airplane Mode

You can set the airplane mode on/off.



#### Bluetooth Mode

You can set the Bluetooth mode on/off.



#### Alarm

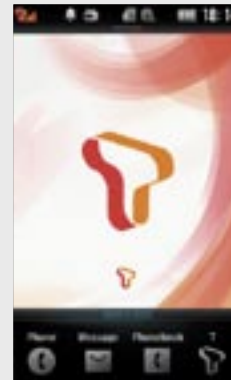
- You can turn on/off the pre-set alarm.
- You can set the alarm from **Menu ▶ Organizer ▶ Alarm**.
- If there are more than one pre-set alarm, all the alarms will be activated.
- You may check the alarm settings on the right side of the alarm switch. Tap **Alarm** to check the other alarms if there are more than one pre-set alarm.

### Note

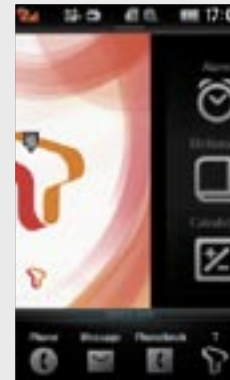
- If you turn the switch on, it will turn green and the icon will be displayed.

### Background

#### Main background

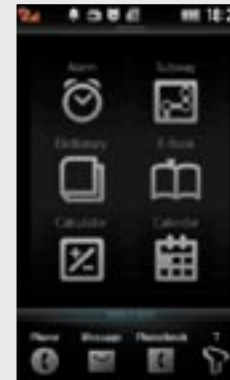


- You may select one of five different background options.



- Drag screen left and right to select the desired background.

#### Application shortcut

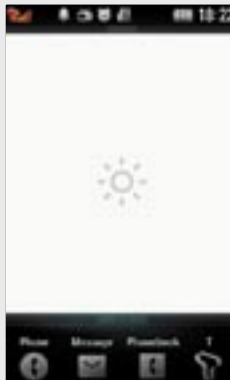


You can easily access often used applications (Alarm, Subway, Dictionary, E-Book, Calculator, Calendar) from the background.

## 4. Main Screen (Cont'd)

### Background (Cont'd)

#### Color palette



You can touch the icon on the middle of the screen and change the color of the background.

#### World time



You can view the pre-set world time. You may add up to 4 different cities from **Menu**►**Organizer**►**World Time**.

#### Calendar/Schedule



You can check the calendar and the dates with schedules. You can set the schedule from **Menu**►**Organizer**►**Calendar/Schedule**.

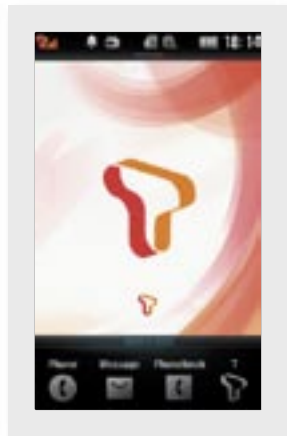


### Main menu

■ From the standby screen, you can tap or drag the bar located on top of the application shortcut to reveal the hidden main menu.





	T Service	You can use the services provided by mobile network provider.
	Sounds	You can set ringtones, sound effect and other sounds.
	Display	You can set wallpaper, and screen design.
	Contents	You can view all the photos, movies, and music saved on your phone.
	My Moto	You can use various helpful application such as satellite DMB, camera, dictionary...etc.
	Organizer	You can set the alarm, schedule and write a memo.
	Message	You can write new messages, send and receive messages.
	Phonebook	You can add new phone number, or view/edit existing number.
	Settings	You can change general settings of your phone and the function.

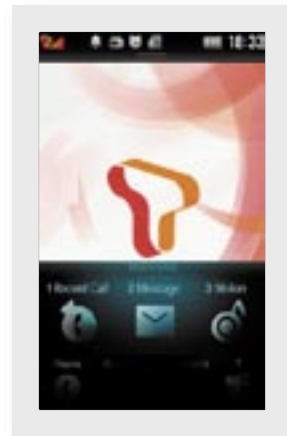
## 4. Main Screen (Cont'd)



### Application shortcuts




- You can easily access to Phone, Message, Phonebook, and T Service.

	Phone	You can make a call using number keypad.
	Message	You can check sent, received and saved messages in your phone.
	Phonebook	You can add new phone number, or view/edit existing number.
	T Service	You can use Mobile internet services such as NATE, W, @Playon, T MAP, Melon.



### Menu with the clear cover closed

- You can use some of the functions without opening the clear cover.
- Tap or drag the bar located on top of the application shortcut to reveal the hidden menu.

	Recent Call	You can view most recent calls and make a call with the speakerphone.
	Message	You can check received, sent and saved messages.
	Melon	You can open Melon music player to listen to the music.

### Note

- Even when your cover is closed, you may use the touchscreen in same way as it is open.



# 5. Battery

※ Battery in the package is not fully charged, make sure to fully charge the battery.

## Installing the battery



- 1 Make sure to match charging terminal of the battery and the phone as shown in the figure.
- 2 Push down the battery until it snaps.
- 3 Place the battery cover correctly on the battery cover grooves.

## Removing the battery

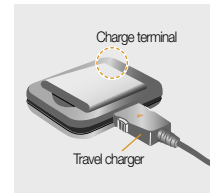


- 1 Push and slide down the battery cover and lift up to release it from the battery cover groove, as shown in the figure.
- 2 Hold and lift up the battery by putting your finger in the battery removal groove.
- 3 Remove the battery from the phone.

### CAUTION

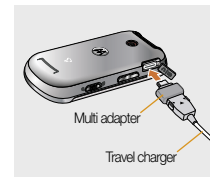
Make sure to turn off the power when removing the battery.  
- Removing battery while power on may cause damage to your phone.

## Charging the battery



### Charging the battery with a battery charger

- 1) Connect the travel charger to the port in the rear side of the battery charger.
- 2) Connect the power cord of the travel charger to an electric outlet and check if the triangular lamp turns orange before turning off. (Exclusively for 100V~200V)
- 3) Insert the battery on the battery charger. (Make sure to insert the battery in correct direction)
- 4) Charging status will be shown on the triangular lamp.



### Charging the battery with travel charger

- 1) Connect the power cord of the travel charger to an electric outlet and check if the triangular lamp turns orange before turning off. (Exclusively for 100V~200V)
- 2) Connect the travel charger to the multi adapter.
- 3) Connect the multi adapter to the external connection port on the phone.
- 4) Charging status will be shown on the triangular lamp.
- 5) If the triangular lamp flickers while charging the battery, connect the multi adapter to the phone before connecting the travel charger.

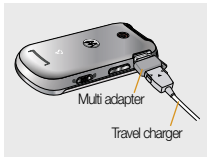
### Note

#### Optional travel charger

Travel charger is not included in the package for conservation of resources. It is an optional accessory which can be purchased separately from the retail shop or service center.

# 5. Battery (Cont'd)

## Charging the battery (Cont'd)



### Charging the battery with USB data cable

- 1) Connect the USB data cable to the USB port on the PC.
- 2) Connect the other side of the USB data cable to the multi adapter and connect the multi adapter to the external connection port on the phone.
- 3) Charging status will be shown on the triangular lamp.

#### Note

- Some of the data cables do not support battery charging depending on their type.

#### Note

##### Icons displayed during battery charging

- When the phone is on



- When the phone is off



##### Battery charging status when power is off

- Charging in progress normally.
- Charging complete.
- Cable is disconnected or there is connection error.
- You may check the charging status through the triangular lamp. (Color will change from red to green when battery is fully charged.)

## Battery charging status

Type	Charging in progress	Charging complete
Travel charger	Red	Green

### When the lamp blinks in red

- Poor contacts between the charging terminals. Check if the battery is clean and try charging it again.
- Battery or other parts may be damaged. Contact our service center.

### When the lamp blinks in orange

- Temperature is either too high or too low. If the temperature becomes room temperature (about 21~23°C) lamp will turn red and charging will begin.

## Battery charging time

Type	Charging Time
Standard battery (1140mAh)	Approx. 160 minutes

- Charging time can be vary depending on the status of battery and the charger.
- Charging time may get longer if rated voltage of the charger is low.

## Operating time

Type	Standby time	Voice call
Standard battery (1140mAh)	Approx. 270 hours	Approx. 220 minutes

### \* Operating time based on a New battery/ Bluetooth mode off/ No external memory.

- Above information on operating time was measured in a condition provided by SKT standard. Actual operating time can be different from above result depending on usage.
- If you used Bluetooth mode, the amount of batter consumption will increase.
- If you make lots of phone calls, it is recommended that you charge the battery everyday.
- When you make a voice call or use NATE, @Playon, WINC and MP3, it will consume more power and the standby time may get shortened.
- Incoming calls take as much power as outgoing calls.
- Standby time may get shorter in out-of-service areas.
- Operating time may vary depending on the charge status, temperature(high/low), electrical wave status in the place of use and the backlight settings.

## Low battery indicator

- When the battery is low, '■' icon will blink and you will hear notification saying, 'Recharge your battery'.
- If you press buttons or make any actions when the '■' icon is blinking, backlight will remain off.
- When the battery is low, some of the functions may not work properly. Charge the battery immediately before using your phone again.