Motorola TK30 Bluetooth and iPod Car Kit
User Guide
DRAFT 7 - 10/27/2009

Dummy Page - To be discarded before printing

congratulations

[tbd]

contents

install the harness

before you begin

Caution: Only qualified personnel should install this car kit. Because of the wide variety of vehicle types and models, it may be necessary to contact the vehicle manufacturer for detailed installation information. If needed, contact the vehicle manufacturer for air bag information specific to the vehicle.

Caution: An air bag inflates with great force. **Do not** place objects, including communication equipment, in the area over the air bag or in the air bag deployment area. If the communication equipment is improperly installed and the air bag inflates, serious injury could occur.

Please follow these guidelines:

• Mount components securely on strong surfaces to prevent shifting that could cause injury or interfere with safe vehicle operation. Use the supplied mounting hardware as needed.

• Mounted components and attached wires or cables must not interfere with seating or leg space.

• Route cables so they are protected from pinching, sharp edges and crushing. Keep all in-line connectors easily accessible.

• The car kit is intended for use in 12 Volt negative ground systems only. The car kit draws less than 10 Amps. Confirm that the vehicle's electrical system can supply this current.

install the vehicle integration kit

The vehicle integration kit is the central connection point for the car kit. Connections to the vehicle, microphone, audio input device, and user interface module (UIM) are made from the vehicle integration kit.
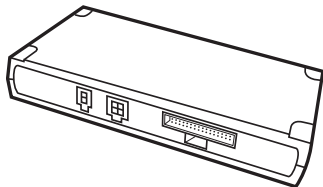
The vehicle integration kit should be secured to the vehicle after the rest of the car kit components are installed and cables are secured

Mount the vehicle integration kit securely. The best location for the kit is under the dashboard. The kit should be protected from dirt and moisture, have adequate space for cooling, and allow for cable connections.

Caution: The location **must not** interfere with the vehicle's air bag.

The vehicle integration kit consists of these connectors:
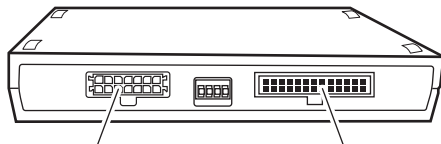
**Audio Cable
(connector D)**

**ISO Cable
(connector A)**

**Microphone
(connector C)**

**User Interface Cable
(connector B)**

4   install the harness

connect the ISO cable

Use the ISO cable to connect the car kit to your vehicle's wiring. It connects the vehicle's power, ignition, and entertainment system to the car kit.

1 Disconnect battery from vehicle.

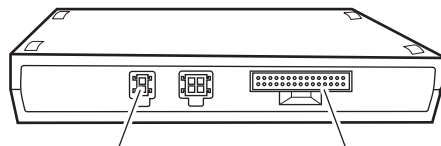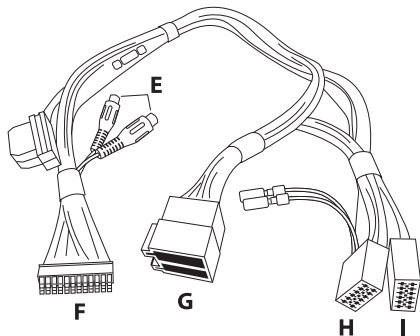**Caution:** Removing battery power may set trouble codes that can only be reset by a factory diagnostic tool on some vehicles. Please check with your vehicle manufacturer if you are unsure how your vehicle may react.

2 Disconnect appropriate connections on the vehicle audio system to allow installation of the ISO cable (and adapters, if needed).

3 Connect cable connectors H and I to the vehicle entertainment system.

4 Connect cable connector G to the vehicle wiring harness ISO connectors.

5 Connect cable connector F to vehicle integration kit connector A (shown on page 4).

Note: Make sure cable connector is plugged all the way into the vehicle integration kit.

should be no gap between connector and housing
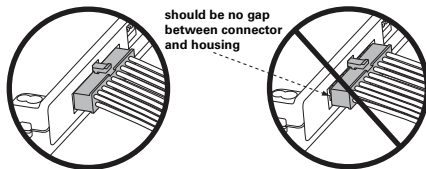
6 Reconnect battery to vehicle.

Failure to follow these steps may cause the harness not to work properly and could damage the harness.

install with third-party vehicle specific harness

Some vehicles require a vehicle-specific harness (not supplied) that allows integration of the harness into the vehicle entertainment system. The connectors on the ISO cable are designed to connect directly to such a third-party harness. If you choose to use a vehicle-specific harness, follow the guidelines provided with that harness.

install to auxiliary input (optional)

If you wish to connect your car kit's music audio output to a stereo auxiliary input on your vehicle entertainment system:

Note: Not all vehicle entertainment systems offer a stereo auxiliary audio input. In some cases, if your system does not support this input, one may be created using an adapter from a third-party vendor.

1 Connect an RCA cable (not supplied) to connector E on the ISO cable.

2 Connect the other connectors on the RCA cable to the vehicle entertainment system's Auxiliary input.

3 From the Installer menu, set the **Line Out** parameter to ON (see "set install preferences" on page 11 for details).

connect the audio cable

Use the audio cable(s) to connect the car kit to your music input device(s). You can connect:

- one iPod/iPhone

- one USB storage device with music (AAC, M4A, MP3, and WMA audio files are supported)

- one music device with 3.5mm headphone jack

To connect the audio cable:

1 Connect cable connector J to vehicle integration kit connector D (shown on page 4).
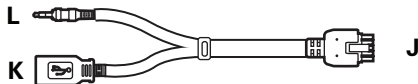
2 Connect your music device to the audio cable(s):

- To play music **from a USB storage device**, connect cable connector K to the USB storage device.

  Note: Only one USB device at a time can be connected to your car kit.

- To play music **from an auxiliary device**, connect cable connector L to the 3.5mm headphone jack on the auxiliary music device.

- To play music **from an iPod/iPhone**, use the second audio cable (supplied):

  1 Connect cable connector O to the iPod/iPhone.

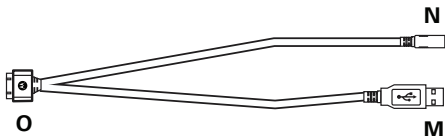 **2** Connect cable connectors K and L on first audio cable to connectors M and N on second audio cable.
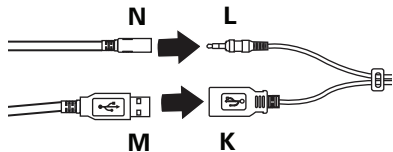
mount and connect the user interface module

Use the User Interface Module (UIM) to operate your car kit.
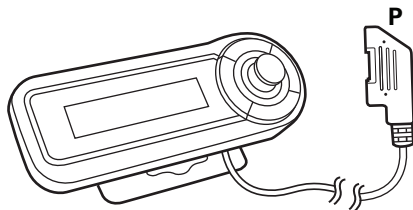
The UIM can be mounted in two different configurations:

- directly on a flat spot within easy reach of the driver using the supplied mounting tape

- using the supplied mounting bracket.

Caution: Do not mount in a location that obstructs driver's vision or interferes with operation of the vehicle.

direct to flat surface

To install the UIM directly on a flat service:

Note: It is recommended to install the UIM directly on a flat surface as a curved surface can cause difficulties in pushing the buttons, and can cause the UIM to come loose.

Caution: The location of the UIM must not interfere with the vehicle's air bag deployment.

1 Clean mounting surface thoroughly with an alcohol wipe (not supplied).

2 Select UIM orientation (controls on left or right of display).

optimal for right-handed operation

optimal for left-handed operation

Note: To change screen display orientation, see "set install preferences" on page 11.

3 Press key tabs (supplied) onto UIM:
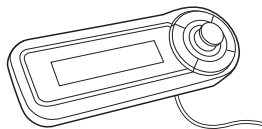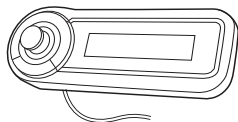
- Place ☰ key at top position.
- Place ▶❚❚ key at bottom position.

4 Verify cable is fitted into a groove on the back of the UIM. The cable must be contained in the slot to provide a flat surface for mounting.

5 Remove one side of mounting tape (supplied) and press firmly onto rear of the UIM.

6 Remove other side of mounting tape and attach UIM to flat spot location on your vehicle.

7 Connect cable connector P (shown on page 7) to the vehicle integration kit connector B (shown on page 4).

use mounting bracket

To install the UIM using the mounting bracket:

Caution: The location of the UIM **must not** interfere with the vehicle's air bag deployment.

1 Clean mounting surface thoroughly with an alcohol wipe (not supplied).

2 Select UIM orientation (controls on left or right of display).
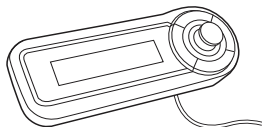
optimal for right-handed operation
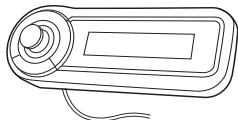
optimal for left-handed operation

Note: To change screen display orientation, see "set install preferences" on page 11.

3 Press key tabs (supplied) onto UIM:

- Place ☰ key at top position.
- Place ▶❙❙ key at bottom position.

4 Place mounting nut (straight or curved) onto selected mounting arm.
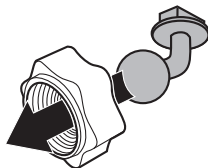
5 Push arm into mounting base, and fasten onto base using mounting nut.

install the harness   **9**
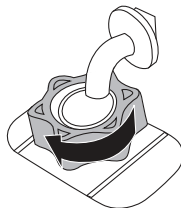
6 Slide mounting bracket onto arm.
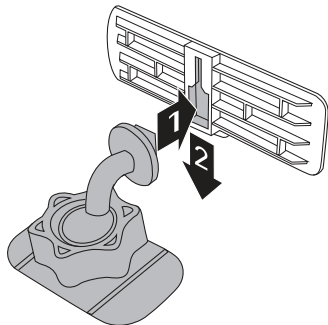
7 Attach mounting base to flat spot location on your vehicle.

8 Attach one side of mounting tape (supplied) to back of mounting bracket.

9 Verify cable is fitted into a groove on the back of the UIM. The cable must be contained in the slot to provide a flat surface for mounting.

10 Remove other side of mounting tape on bracket, and press the UIM firmly into place.

11 Connect cable connector P (shown on page 7) to the junction box connector B (shown on page 4).

install the microphone

Caution: The location of the microphone **must not** interfere with the vehicle's air bag deployment. Also, the microphone cable should not pass in front of or interfere with the deployment of any vehicle airbags. In particular, side airbags located with the windshield pillar or door jamb.

1 Mount the microphone in a suitable location using either the screw, velcro, or clip (supplied).

 • The preferred spot to mount the microphone is on the overhead console/dome light assembly near the front center of the vehicle, away from the window, pointed toward the driver's mouth.

 • Locate the microphone no more than 16 inches (40 cm) from the driver.

 • Do not allow anything (such as a rear-view mirror or sun visor) to block the path between the microphone and the driver.

 • Mount the microphone firmly so that vibrations do not affect audio quality.

- Refrain from locating the microphone directly in the path of heat/AC vents.

- Refrain from mounting the microphone on door pillars or windows that can transmit exterior wind noise to it.

- Do not attach microphone to the vehicle's visor.

2 Route the microphone cable down the side of the windshield, through the dash, and to the vehicle integration kit.

3 Connect the microphone to the vehicle integration kit connector C (shown on page 4).

set install preferences

1 Turn off your vehicle's ignition.

2 Turn on your vehicle's ignition while pressing and holding the Green button for at least 5 seconds.

⚒ Installer Menu

Note: See page 13 for location of buttons and knobs on UIM.

3 Use the scroll knob to view and change settings.

Setting...	
Language	set language displayed on the UIM.
Display Orientation	set the display orientation for left- or right-hand operation.
Line Out	set to ON when using the auxiliary input to your vehicle entertainment system for music.
Privacy Mute	set whether to unmute the vehicle entertainment system when a call is switched to privacy mode.
Install Test	test and verify: • ignition source • left-side speaker • right-side speaker • microphone • auxiliary input to vehicle entertainment system.
Factory Reset	reset all settings back to standard default factory settings
About	list car kit's software version

install the harness   **11**

4 Reset car kit by pressing and holding both ☰ and ▶❙❙ keys until the UIM indicators turn off.

selective mute feature

Whenever your car kit plays music or a hands-free call, it automatically disconnects (or "takes over) the speakers from the vehicle's entertainment system.

However, some vehicles have features that play audio prompts over the vehicle entertainment system (such as audio navigation, parking sensors, etc.,). In these scenarios, you will still need to maintain an audio path (or "channel") to the vehicle entertainment system.

On the vehicle integration kit, the multi-position switch allows you to select a channel to remain connected to the vehicle entertainment system during hands-free calls.
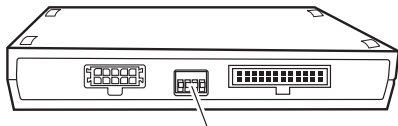
**Selective Mute
Switch**

Each position on the switch corresponds to one of the four speaker channels.

switch	speaker channel
1	right - rear
2	right - front
3	left - rear
4	left -front

When the switches are all down (or "on"), then the channels are all connected to car kit audio. When one of the switches is moved up (or "off"), the audio from the vehicle entertainment system will pass-through to the speaker.

Note: Do not disable both front speaker channels or hands-free call audio will not be heard.

basics

Use a combination of buttons, scroll knob, and menus to operate your car kit.

menu item

Menu button

Green button

Red button

Play/Pause button

menu icon

status icons
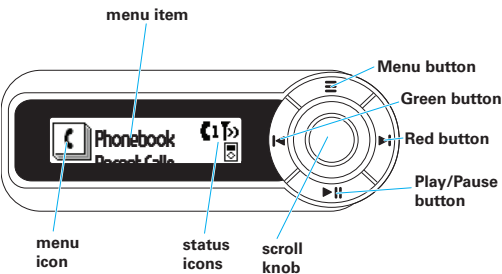
scroll knob

buttons and scroll knob

Buttons have different functions based on the car kit's current operating mode (music, calls, etc.,). To execute a function, you will either "press" or "press and hold" the button.

The Green and Red buttons change to blue when the car kit is in music playing mode.

The scroll knob allows you to scroll through and select menu items, and adjust call and music volume.

home screen

The home screen is your entry into the car kit's menus. It displays the top item of the main menu.

Which menus are displayed is dependent on what is currently connected to your car kit (music device, and one or two phones).

Menu	Displays when...
Phonebook, Recent Calls, Phone Voice Commands, Dial Number, Messages	a phone is connected to your car kit
Music	a music device is connected to your car kit
Swap Phones	two phones are connected to your car kit
Settings	always displayed

basics   **13**

Use the scroll knob to move through menu options. To select a menu item. press the scroll knob. To scroll back in the menus, press ☰ key.

icons

Your car kit shows icons to provide status and identify menu and phonebook contact types.

status icons

On the right side of menu and music playing screens, status icons show car kit connection status.

phone 1 connect status

primary phone service status

phone 2 connect status

music connect status
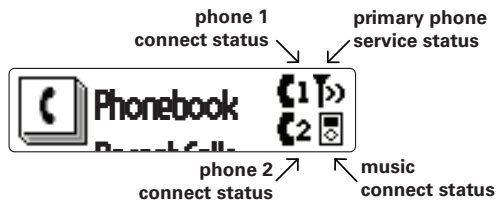
These icons show overall status of your car kit:

C1	hands-free connection to phone 1
C2	hands-free connection to phone 2

ⓔ	no hands-free connection to phone(s)
ⓣ»	in network phone service (phone 1)
▲	no phone service (phone 1)
✉	new text message
▭	low battery (on phone)
◨	music connection (iPod)
♫	music connection (Bluetooth)
♀	music connection (USB)
⎮	music connection (auxiliary)

hands-free call icons

You'll see these icons during hands-free call operation.

C←	incoming call

➤	outgoing call
➥	call connected
➤	call ended
⊗	call muted
➤×	call rejected
➤⊖	call missed

music playing icons

You'll see these icons when playing music.

►	play music
❚❚	pause music
■	stop music
►❙	next track

❙◄	previous track
►►	fast-forward music
◄◄	rewind music

phonebook icons

You'll see these icons in your car kit's phonebook.

♠	home phone number
⊞	work phone number
📱	mobile phone number

basics **15**

pair & connect

pair to Bluetooth devices

To use the hands-free calling and/or streaming music features of your Bluetooth device with your car kit, they must first be paired together.

1 Turn on the Bluetooth feature on your device.

2 From the home screen, select **Setting > Preferences > Bluetooth > Pair Device**.

> Pairing Mode – Enter 0000 if required for pin code

3 Set your phone or music device to search for Bluetooth devices.

4 Select **Motorola TK30** from the search results on your device.

5 Select **OK** or **Yes** to pair your car kit with your Bluetooth device.

Note: If prompted, enter **0000** for the passkey.

When successful, you'll see:

> **<device name>**
> **connected**

Once paired and connected, your car kit automatically downloads contact names and numbers from your phone's contact list.

To cancel pairing mode, press the Red button.

connect to devices

Your car kit turns on automatically when starting your vehicle. Once turned on, the car kit establishes a wireless connection with paired Bluetooth devices, (phone and/or music devices) as well as a wired connection to your iPod, USB, or auxiliary device.

Note: To connect with your car kit, your Bluetooth devices must be paired first. See "pair to Bluetooth devices" on page 16 to do this.

Once connected to your device(s), you see the home screen:

Status icons tell you which devices are connected to your car kit (see "status icons" on page 14 for reference).

If connecting to a Bluetooth device is unsuccessful, press the Green button to try again.

Your car kit turns off when you turn off your vehicle.

set Bluetooth device preferences

1 From the home screen, select **Settings > Bluetooth > Device List.**

2 Using scroll knob, locate and select Bluetooth device.

To...	
connect/disconnect device	select **Connect** or **Disconnect**
delete device from paired list	select **Delete**

To...	
make device primary phone on car kit	select **<device name>** **Make primary phone?**
select type of phone audio sent to car speakers	select **Phone Audio**

pair & connect 17

calls

Note: Your car kit supports the Hands-free (HFP) Bluetooth Profile. Accessing call functions depends upon which profile your phone supports. See the instructions that came with your phone.

Note: Some call features are phone/network dependent.

receive a call

When there's an incoming call, you hear a ringtone over your speakers and see the incoming call icon on the screen.

If music is playing when a call is received, it is automatically paused (except for music from an auxiliary device).

To...	
answer call	press Green button
reject call	press Red button

make a call

To make a call with your car kit, you can:

- use a phonebook contact
- use voice dialing on phone
- use number dialing from the car kit
- use recent call list
- dial a number from your phone

Note: When connected to two phones, voice prompts help manage call functions. Follow the voice prompts to execute a function on the desired phone.

use a phonebook contact

1 From the home screen, select **Phonebook**.

2 Using scroll knob, locate and select name you want to call.

3 Press the scroll knob or Green key to call.

use phone voice commands

1 From the home screen, select **Phone Voice Command** (or press and hold Green button).

> Say the phone voice command

2 Follow phone voice prompts to place call.

use car kit dialing

1 From the home screen, select **Dial Number**.

2 Using scroll knob, locate and select numbers to dial.

Note: To clear a digit, press Red button. To clear all digits, press and hold Red button until you hear a tone.

3 Press the Green key to call.

use recent call list

1 From the home screen, select **Recent Calls** (or press Green button).

2 Using the scroll knob, locate and select name/number you want to call.

use last number redial

To redial last number, press Green button twice.

use phone dialing

You can dial a hands-free call directly from your phone in the normal manner.

while on a call

To perform in-call actions, press ☰ to access In Call menu.

To...	
mute/unmute call	select **Mute** (or **Unmute**)
	Shortcut: press ▶❚❚
adjust volume	turn scroll knob
make a second call	**1** Select **Make Call**
	2 Select **Phonebook**, **Recent Calls**, or **Dial Number**
end call	press Red button
transfer call between phone and car kit	select **Privacy** (for phone) or **Handsfree** (for car kit)
	Shortcut: Press and hold Green button.

To...		
send DTMF tones	**1**	Select **DTMF tones**
	2	Using scroll knob, locate and select numbers to send.
place/resume call on hold	select **Hold Call** (or **Resume Call**)	
	Shortcut: Press Green button.	

two calls on same phone

When there's a second incoming call on the same phone, you'll see a screen like this:

Call waiting

Joe Hughes

To...	
answer second incoming call (same phone)	press Green button (first call is placed on hold)

To...	
reject second incoming call (same phone)	press Red button

When you have two connected calls on the same phone:

To...	
switch between calls	press ≡ and select **Switch Call**
	Shortcut: Press Green button.
end active call	press Red button
end both calls	press and hold Red button
join both calls (3-way call)	press ≡ and select **Join Calls**

two calls on different phones

When there's a second incoming call on the other phone, you'll see a screen like this:

(**<phone>**
Joe Hughes

To...	
answer second incoming call (different phones)	press Green button (first call is placed on hold)
reject second incoming call (different phones)	press Red button

When you have two connected calls on different phones:

To...	
switch between calls	press ≡ and select **Go to <phone>**
end active call	press Red button (call on other phone is resumed)
end both calls	press and hold Red button

When you have two connected calls on one phone, and an incoming (third) call on the other phone:

To...	
answer third incoming call	press Green button (active call on first phone is placed on hold)
switch between calls	press ≡ and select **Go to <phone>**

swap phones

To switch between connected phones, select **Swap Phone** from the home screen.

Swapping Phones

When complete, you'll see a screen like this:

<Device B>
primary

play music

Your car kit can play music from your:

- Bluetooth music device (via wireless audio streaming)
- iPod/iPhone (via cable)
- USB storage device (via cable)
- Auxiliary device (via cable)

from a Bluetooth device

Note: Your car kit supports the Advanced Audio Distribution (A2DP) and Audio/Video Remote Control (AVRCP) Bluetooth profiles. Accessing audio playing and controlling functions depends upon which profile your Bluetooth device supports. See the instructions that came with your device.

1 From the home screen, select **Music > Bluetooth Music**.

2 Select **Play <device>** (device from which to play music).

To...	
play music	select **Play <device>**

To...	
choose a different Bluetooth music device	select **Other Devices**
shuffle playback of songs	select **Shuffle <device>**
pair with another music device	select **Pair Music**

You'll see a screen like this when music begins playing from your Bluetooth music device:
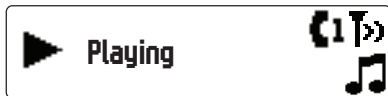
from an iPod/iPhone

1 From the home screen, select **Music > iPod**.

2 Scroll to selection using menus.

To...	
play selection	press the scroll knob

To...	
shuffle playback of songs	select **Shuffle All**

You'll see a screen like this when music begins playing from your iPod or iPhone:

> John Smith
> Greensleeves

from a USB storage device

1 From the home screen, select **Music > USB.**

2 Scroll to selection using menus.

To...	
play selection	press the scroll knob
play a playlist	select **Playlists**
	Note: Your car kit supports M3U playlists.

To...	
change to a different folder containing music	select **Folders**
shuffle playback of songs	select **Shuffle All**

You'll see a screen like this when music begins playing from your USB device:

> John Smith
> Greensleeves

from an auxiliary device

1 From the home screen, select **Music > Auxiliary Music**.

2 Press the scroll knob to play music.

You'll see a screen like this when music begins playing from your auxiliary device:

```
Auxiliary Music          ((1))
                              ▮
```

control your music

To...	
play or pause	press ▶❙❙
go to previous track	press ❙◀
rewind track	press and hold ❙◀
go to next track	press ▶❙
fast-forward track	press and hold ▶❙
stop	press and hold ▶❙❙

Note: For music played from a Bluetooth device, when remote control capabilities (AVRCP profile) are not supported by your Bluetooth device, music cannot be controlled on your car kit.

Note: Music played from an auxiliary device cannot be controlled by your car kit.

volume

To adjust music volume, turn the scroll knob clockwise to increase or counterclockwise to decrease

You'll hear a tone when maximum or minimum volume is reached on your car kit.

Note: The volume setting on your music player may impact volume on your car kit.

Note: Volume cannot be adjusted from car kit when connecting music output to a stereo auxiliary input on your vehicle entertainment system. Use your vehicle entertainment system volume instead.

set music preferences

From the home screen, select **Music > Settings**.

To...	
set playback equalization	select **Equalizer** then music type

To...	
set playback mode	select **Shuffle** then playback setting
	Note: This feature is not available for auxiliary devices and Bluetooth devices that do not support shuffle mode.

phonebook

manually download contacts from your phone

1 From the home screen, select **Settings > Preferences > Phonebook Update > Receive Contacts**.

> Send the contacts via
> Bluetooth from your device

2 Send contacts via Bluetooth from your phone.

> ⧖ Receiving contacts
> John Applegate

When complete, press Red button to exit.

synchronize contacts with phone

Select **Settings > Preferences > Phonebook Update > Synchronize** from the home screen.

> ⧗ Downloading
>   Phonebook...

When complete, you'll see this screen:

> Download complete. Use "Receive
> contacts" to add more contacts

messages

read new messages

When you receive a new text message on one of your connected phones, you'll see a screen like this.

> ✉ Read new message?
>   Max Chin

To...	
read message	press the scroll knob (or Green button)
skip message	press Red button
reply to message (after reading)	press ☰ and select **Reply**
call message sender (after reading)	press ☰ and select **Call**

read existing messages

1 From the home screen, select **Messages**.

2 Using scroll knob, locate and select message sender.

3 Select **Read** to read message.

reply to message

1 From the home screen, select **Messages**.

2 Using scroll knob, locate and select message sender.

3 Select **Reply**.

4 Select pre-defined template to use for reply.

5 Press select knob to send.

call message sender

1 From the home screen, select **Messages**.

2 Using scroll knob, locate message sender.

3 Select **Call** to make a call to the message sender.

settings

set general preferences

From the home screen, select **Settings > Preferences**.

To...	
set caller ID preference	select **Show Caller ID**
enable/disable voice prompts	select **Voice Menu**
enable/disable forgotten phone alerts	select **Forgotten Phone Alert**
enable/disable new message alerts	select **New Message Alert**

set voice prompt volume

1 From the home screen, select **Settings > Prompt Volume**.

2 Using the scroll knob, adjust volume.

set display preferences

From the home screen, select **Settings > Display.**

To...	
set brightness	select **Brightness**
set sleep mode	select **Sleep Mode**

Safety, Regulatory & Legal

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
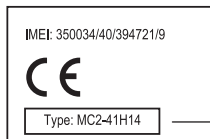- All other relevant EU Directives

$C\epsilon$

IMEI: 350034/40/394721/9

$C\epsilon$

Type: MC2-41H14

Product Approval Number

The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at **www.motorola.com/rtte**. To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site.

Software Copyright Notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Safety & General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR DEVICE.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your mobile device to exceed RF energy exposure guidelines and may void your mobile device's warranty. For a list of approved Motorola accessories, visit our Web site at: **www.motorola.com**

Batteries & Chargers

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information follows.

Symbol	Definition
	Do not let your battery, charger, or mobile device get wet.

Use & Safety for Battery-Powered Accessories

- Do not store or use your battery-powered accessory (such as a Bluetooth® headset or other device) in temperatures below -10°C (14°F) or above 60°C (140°F).
- Do not recharge your accessory in temperatures below 0°C (32°F) or above 45°C (113°F).
- Conditions inside a parked car can exceed this range. Do not store your accessory in a parked car.
- Do not store your accessory in direct sunlight.
- Storing your fully charged accessory in high-temperature conditions may permanently reduce the life of the internal battery.
- Battery life may temporarily shorten in low-temperature conditions.

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect. To protect your hearing:

- Start your volume control at a low setting and use as low a volume as possible.
- Limit the amount of time you use headsets or headphones at high volume.
- Where possible, use your headset in a quiet environment with low background noise.
- Avoid turning up the volume to block out noisy surroundings.

- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked by your doctor.

Smart Practices While Driving

Using a mobile device while driving may cause distraction. End a call if you can't concentrate on driving. Also, using a mobile device or accessory may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found at **www.motorola.com/callsmart** (in English only).

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. 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. See 47 CFR Sec. 15.19(3).

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 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 the receiver.
- Connect the equipment to 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.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its mobile telephones ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories"), and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories, and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions (Products and Accessories)

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the

Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions (Software)

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the Internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software, and applications, please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**All Products, Accessories, and Software:** 1-800-331-6456
Canada	**All Products:** 1-800-461-4575
TTY	1-888-390-6456

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Product Registration

Online Product Registration:

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at:
www.motorola.com/recycling

Disposal of your Mobile Device Packaging & Product Guide

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

Do not ship your accessory product to the above address. If you need to return your product for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-877-MOTOBLU (Motorola Bluetooth® support)
1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States for hearing impaired)
1-800-461-4575 (Canada)