Framing Pictures

You can add frames around the images you want to capture.

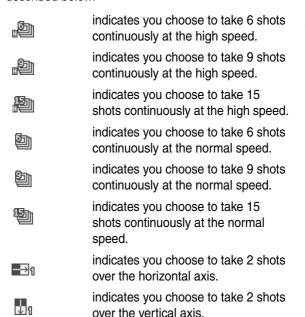
	Press	То
1	\square	open the options menu
2	©	scroll to Frame
3	OK (🔘)	select Frame
4	©	scroll to On
5	OK (()	select On
6	©	scroll to the desired frame
7	OK (()	select the frame
8	OK (\bigcirc)	prepare to capture images

Tip: This option is available only for pictures with the **128x160** resolution.

Using Multi-Shots

You can capture a number of images at a time while in the **Multi-shot** mode. The **Multi-shot** mode falls into 2 types: **Continuous** and **Composite. Continuous** allows you to take 6, 9 or 15 shots successively at a specified speed. **Composite** allows you to take 2 shots over the horizontal or vertical axis.

Icons which work with the **Multi-shot** functionality are described below:



Tip: This option is available only for pictures with the **160x120** or **128x160** resolution.

If you choose **Continuous** to capture 6, 9 or 15 images continuously:

Press	То
1 👼	open the options menu
2	scroll to Multi-shot
3 OK (()	select Multi-shot
4 📀	scroll to Continuous
5 OK (()	select Continuous
6	scroll to High speed/Normal speed
7 OK (()	select High speed/Normal speed
8 📀	scroll to 6 shots/9 shots/15 shots
9 OK (()	select 6 shots/9 shots/15 shots
10 OK (()	take the specified shots at a time
11	save the taken pictures in the folder named the starting SlideShow under Media center > Slide show

Tip: You may press **Save all** (\bigcirc) or \Longrightarrow > **Save** to store photos in **Media center** > **Photo album** > *default photo album*.



Once you store 6, 9 or 15 shots in **Media center** > **Slide show**, you can set those shots as a screen saver image. Those shots will play in the internal or external display when no activity occurs for a while.

	Press	То
1	(scroll to the desired slide show folder
2		open the options menu
3	(scroll to Apply as screen saver
4	OK (()	select Apply as screen saver
5	③	scroll to the desired display where the pictures you took will be set as a screen saver image
6	OK (()	select the display
7	(scroll to any entry
8	OK (()	set the taken pictures as a screen saver image and save them in Settings > Display/External display > Screen saver



If you choose **Composite** to take 2 shots over the horizontal or vertical axis:

	Press	То
1		open the options menu
2	©	scroll to Multi-shot
3	OK (🔘)	select Multi-shot
4	©	scroll to Composite
5	OK (()	select Composite
6	(scroll to Horizontal/Vertical
7	OK (()	select Horizontal/Vertical
8	OK (()	take the 1st shot
9	OK (()	take the 2nd shot
10	OK (()	save the taken pictures as a whole one in Media center > Photo album > <i>default photo album</i>



To set the 2-in-1 shot as a screen saver image before saving it:

	Press	То
1	\bowtie	open the options menu
2	©	scroll to Apply as screen saver
3	OK (\bigcirc)	select Apply as screen saver
4	©	scroll to the desired display where the picture you took will be set as a screen saver image
5	OK (()	select the display
6	©	scroll to any entry
7	OK ((())	set the taken picture as a screen saver image and save it both in Media center > Photo album > default photo album and in Settings > Display/External display > Screen saver



You can use Twilight mode in the dark.

Press	То
1 👼	open the options menu



	Press	То
2	©	scroll to Twilight mode
3	ON (🔁)	turn Iwilight mode on and prepare to capture images

Tip: 🔩 indicates Twilight mode is turned on.

Using the Self-Timer

You can use **Self timer** to have a 10-second delay before a photo is taken.

	Press	То
1	\square	open the options menu
2	(scroll to Self timer
3	ON (🕥)	turn Self timer on and prepare to capture images
4	OK (()	take a picture in 10 seconds

Tip: 👸 indicates **Self timer** is turned on.

Turning the Shutter Sound On or Off

You can turn Shutter sound on or off before taking photos.

	Press	То
1		open the options menu

	Press	То
2	(scroll to Shutter sound
3	ON/OFF (🕥)	turn Shutter sound on/off and prepare to capture images

Selecting a White Balance Mode

There are 4 white balance modes for you to choose from before taking photos.



indicates the camera will adjust itself to the environment where you want to capture images.



indicates you want to capture images outdoors on a sunny day.



indicates you want to capture images in a room with fluorescent lighting.



indicates you want to capture images under incandescent light.

	Press	То
1		open the options menu
2	Ó	scroll to White balance
3	OK (()	select White balance
4	©	scroll to the desired white balance mode
5	OK (()	prepare to capture images



Adding Touch-ups

You can use a variety of touch-ups to make pictures more impressive before taking photos.

	Press	То
1	\square	open the options menu
2	©	scroll to Special efficacy
3	OK (()	select Special efficacy
4	©	scroll to the desired option
5	OK (🔘)	prepare to capture images



Using the Video Recorder

You can create video clips up to 30 seconds each.

Caution: Obey the local law or regulations when you use the video recorder.

Selecting a Time Length to Record Video Clips

You can specify a time length (up to 30 seconds) to record video clips.



	Press	То
1	\bowtie	open the options menu
2	©	scroll to Time to record
3	OK (\bigcirc)	select Time to record
4	©	scroll to the desired time length
5	OK (()	select the time length



Creating a Video Clip

You can start to record video clips after selecting a time length.

Find the Feature



	Press	То
1	right soft key	start recording
	(\bigcirc)	
2	right soft key	stop recording, if necessary
	(🗇)	
3	keypad keys	enter a name
4	SAVE (🕥)	save the recorded video clip in Media center > Video

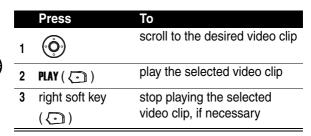
Tip: indicates the zoom lens control as well as the viewer brightness control. Press () up/down to zoom

images in/out; press () left/right to decrease/increase the image brightness.

Playing a Video Clip

Find the Feature





Tip: Press $\nearrow \$ or the left soft key ($\bigcirc \$) to turn the video recorder off.

Renaming a Video Clip



Press	То
1 📀	scroll to the desired video clip
2 👼	open the options menu
3	scroll to Rename
4 OK (()	select Rename

	Press	То
5	keypad keys	enter a new name
6	OK (🔘)	save the new name

Deleting a Video Clip

Find the Feature



	Press	То
1	(scroll to the desired video clip
2	\bowtie	open the options menu
3	(scroll to Delete
4	OK (()	select Delete
5	OK ((()	delete the selected video clip

Sending a Video Clip



You can send video clips to friends via either their phone numbers or email addresses.





To send via a phone number:

Press	То
1 📀	scroll to the desired video clip
2 👼	open the options menu
3	scroll to Send
4 OK (()	select Send
5 keypad keys	enter your message
6 SEND (💽)	select SEND
7 P.BOOK (🔁)	open your phonebook
8 📀	scroll to the desired entry
9 OK (()	select the entry
	Tip: If the entry includes more than 1 phone numbers, continue the following steps; otherwise, repeat steps 8-9 to add other recipients or go to steps 13-14 to send your selected video clip immediately.
10 📀	scroll to the desired phone number
11 OK(()	select the phone number



Press	То
12 OK (()	return to the previous menu
	Tip: Repeat steps 8-9 to add other recipients or continue the following steps to send your selected video clip.
13 OK (()	return to the previous menu
14 SEND (🔁)	send your selected video clip



To send via an email address:

	Press	То
1	Ó	scroll to the desired video clip
2		open the options menu
3	©	scroll to Send
4	OK (()	select Send
5	keypad keys	enter your message
6	SEND (🔁)	select SEND
7	\bowtie	open the options menu
8	©	scroll to New e-mail address
9	OK (()	select New e-mail address
10	keypad keys	enter an email address

Press	То
11 OK ()	add the email address to the Recipients box
	Tip: Repeat steps 7-11 to add other recipients.
12 SEND (🕥)	send your selected video clip



Viewing a Video Clip Info.

You can read the details of video clips.

Find the Feature



	Press	То
1	(scroll to the desired video clip
2	\bowtie	open the options menu
3	©	scroll to Details
4	OK (()	view the information on the selected video clip

Sorting Video Clips

You can sort video clips by name, size or date.





	Press	То
1	Ö	scroll to any video clip
2	\bowtie	open the options menu
3	©	scroll to Sort files
4	OK (()	select Sort files
5	Ó	scroll to the desired sorting type
6	OK (()	sort video clips by the selected sorting type



Managing a Network Profile

Your service provider or network administrator may have configured a network profile (or networking connection settings) before you receive the phone. You can also customize the preset network profile or create a new 1.

Find the Feature



Connecting to the Internet



You can connect to your service provider or network administrator's homepage, to the favorite bookmarks, and to the desired Web pages on your phone. If networking connection is established, refer to the following instructions to activate an option, return to the last page, or end networking connection.

To activate an option:

	Press	То
1	(scroll to the desired option
2	OK (\bigcirc)	activate the selected option
	or	
	\Longrightarrow > OK (\bigcirc)	

To return to the last page:

Press	То
BACK (💽)	return to the last page

To end networking connection:

Press	То
_ 3	end networking connection

To end networking connection alternatively:

Press	То
1 👼	open the options menu
2	scroll to Exit

	Press	То
3	OK (🔘)	end networking connection

Connecting to Your Service Provider or Network Administrator's Homepage

You can browse your service provider or network administrator's hompage which has been set up in your selected network profile.

Find the Feature



Connecting to Bookmarks

You can connect to preset or self-created bookmarks.



	Press	То
1	©	scroll to the desired bookmark
2	OK (()	select the bookmark
3	OK (()	connect to the selected bookmark



Connecting to Web Pages

You can edit a URL address for the Web page you want to surf on.

Find the Feature



	Press	То
1	keypad keys	enter a URL address
2	OK (()	connect to the desired Web
	,	page



Managing Bookmarks

You can create, edit or erase bookmarks.

Find the Feature

> Browser > Rookmark

Tip: To connect to your favorite bookmarks, see page 201.

Downloading Media Objects



You can download media objects from the desired Web sites, such as pictures, ring tones, animations, and video clips.



Customizing the Web Page Display Mode

You can select a style to display the Web pages you are browsing.

Find the Feature

👼 > Browser

> Annearance settings

Allowing or Rejecting **Cookies**

You can download or reject cookies when you are browsing Wed pages.

Find the Feature



> Download settings

> Conkies

Clearing Cache Memory

You can delete the temporary files (which were downloaded for you to quickly connect to the frequentlybrowsed Web pages) from the phone's cache memory.

Find the Feature



> Clear the cache



Reading Your Service Provider or Network Administrator's Service Messages



You can receive the networking service messages sent from your service provider or network administrator.





Reading Certificates

You can view the certificates which have been downloaded and saved on your phone when you are browsing Web pages.



Troubleshooting

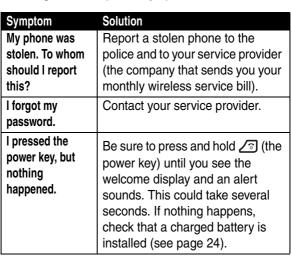
Problem with your MOTO? If you have questions or need help, we're here to help. Go to www.motorola.com/consumer/support. If you have returned your phone for repairs, click on Check Repair Status. You can also contact the Motorola Customer Support Center at (852) 2506-3888 (Hong Kong).

Question	Answer
Is your battery	The battery level indicator should
charged?	have at least 1 segment showing.
	If it does not, recharge your
	battery (see page 26).
Have you	If necessary, turn off your phone
installed a valid	and make sure that you have
SIM card?	inserted a valid SIM card (see
	page 22).
Does the phone	The signal strength indicator
have a signal?	should have at least 1 segment
	showing. If it does not, move to an
	area with a stronger signal.
Is the other party	Your phone may be muted. Press
unable to hear you?	OPTIONS () > Unmute to unmute the phone.
	Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.



Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's
Was a non-Motorola battery or battery charger used?	limited warranty does not cover these types of damages.

The following refers to specific symptoms:



Symptom	Solution
The display shows: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 22).
The display shows: SIM Blocked. How do I unblock my SIM card?	Call your service provider to obtain the PIN Unblocking Key (PUK) code.
The display shows: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider.
My phone prompts for an unlock code when I try to open a feature.	The feature you want is locked. If you do not know the unlock code, contact your service provider.
My phone does not ring.	The ringer may be set to Silence even though your phone is set to an audible ring style. To turn off Silence , press and hold F from the idle display.



Symptom	Solution
I tried to place a call and heard an alternating high/ low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before placing a call.
I cannot send/ receive calls.	Make sure that you have a phone signal (the signal strength indicator should have at least 1 segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.
	Your phone also may have the Call barring feature turned on. If you know the unlock code, you can change this setting in the call barring menu to turn it off:
	> Settings > Call features > Call barring > Cancel all
	Also, check to be sure your SIM card is installed and working (see page 22).

Symptom	Solution
My phone has poor reception and drops calls.	Make sure you have a phone signal (the signal strength indicator should have at least 1 segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press the up volume key. Your phone display should show the volume increasing.
	Also, make sure that your phone's earpiece is not blocked by its carrying case.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received: > Recent calls > Dialed calls or Received calls
My phone's display is too dark.	Use the Adjust brightness feature to change the level of brightness in your display (see page 60).
	You can also use the Backlight feature to change the length of time that the display backlight stays on (see page 60).



Symptom	Solution
My phone's battery charge doesn't last as long as I expected. What can I do to extend battery life?	Battery performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 27.
I am unable to record a voice note, voice dial, or voice launcher.	Try moving to a quieter location to make your voice recording. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into your phone's microphone with a normal tone of voice.
I launched the micro-browser but the display shows: Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display shows: Request timed out. Gateway is not responding.	Try again in a few minutes. The servers may be temporarily busy.



Symptom	Solution
The handwriting	It happens as the Finger Writing
feature does not	Recognition (FWR) technology is
work properly.	vulnerable to the environmental
	temperature, humidity and electric
	charge of fingers. The solution is
	to calibrate the FWR functionality:
	> Settings > Initial settings > Input mode > Finger writing settings > Calibration
	For more information, see
	"Calibrating Your Finger Writing
	Recognition" on page 45.



Specific Absorption Rate Data

The model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.24 W/kg, and when worn on the body, as

described in this user guide, is 0.18 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

http://www.cwta.ca

- In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
- 2. AThe SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Index

A	С
accessories 21 account book, managing 136 alarm clock 135 alert setting 124, 130, 131 turning off 126, 130, 131 ambient light sensor turning on/off 64 animation screen saver 63, 157, 187 wallpaper 7, 62 answering a call 31, 65, 127 B backlight 60 battery charging 26 extending battery life 27 installing 24 level indicator 26	calculator 142 call alert, turning off 124 answering 31, 65, 127 barring password, changing 56 blocking 129 dialing 31 ending 31 making 31 muting 32 receiving 31, 65, 127 recent calls list, viewing 68 redialing 67 transfering 129 waiting 36, 65 call counter 132 call timer 131 caller group photo caller ID, setting 107 ring alert, customizing
blocking a call 129	106
	camera framing a picture 184
	multi-shot 185

composite 188	dialing a number 31
continuous 186	display
quality 183	backlight 60
resolution 182	color 60
rotating a picture 176	contrast 60
screen saver 178	external display 54
self-timer 190	idle display, defined 33,
sending a picture 178	54
shutter sound, turning on/	internal display 33
off 190	_
taking a picture 174	E
touch-up 192	earpiece volume 30
twilight mode 189	end key 31
viewer brightness 182	ending a call 31
wallpaper 176	Enter Unlock Code message
white balance 191	207
zoom lens 181	_
clock	F
setting 54, 61, 62	factory preset setting,
closed user group, defined 155	restoring 122
codes	Finger Writing Recognition
	(FWR) functionality
changing 56 forgetting 57	calibrating 2, 45, 58
color, setting 60	commands 47
contrast, setting 60	customizing 44
cursor 48, 49, 52, 161	gestures 48
001301 40, 40, 02, 101	training 44
D	warranty 41
date, setting 61	Finger Writing Recognition
datebook, managing 136	(FWR) text entry
datebook, managing 100	method 39

fixed dial 111 flip activating 32 external display 54 screen saver 63 wallpaper 62	URL 202 iTAP English predictive text entry method 39 J Java configuration, setting 173 game, playing 173
game embedded game, playing 156 Java game, playing 173 H holding a call 65	key end key 31 left soft key 33 menu key 37 power key 28
lidle display 33, 54 indicators 34 battery level 26 network signal 54	right soft key 33 send key 31, 66 keypad backlight 60
time and date 54 input modes 123 39 finger writing 39 iTAP English 39 symbol 39 TAP English 39 Internet connection 199	left soft key functions 33 lock keypad 155 phone 55, 56 SIM card 56
bookmark 201 hompage 201	main menu display style, setting 5

making a call 31 making a conference call 127	my telephone number 30, 31, 66, 67, 68, 71, 77, 84, 91, 96, 98,
making a fax or data call 129	103, 105, 110, 111, 114, 127, 129, 140,
media object	207, 208
displaying 167	
downloading 202	N
moving 172	network connection, setting
sending 168	199
menu	number
entering text 37, 38	storing your number 22,
navigating 37	37, 38, 68, 69, 73,
menu key 37	84, 86, 91, 96, 98,
message	105, 110, 112,
instant message	114, 116, 129
writing 88	viewing your number 30,
MMS message	54, 69, 73, 103,
activating 72	137, 140
previewing 77	number dialing 114
saving 80	numeric text entry method
sending 77	39
writing 73	
SMS message	0
saving 71	optional accessory, defined
sending 70	21
writing 69	optional feature, defined 21
SMS/MMS message	
deleting 83	P
managing 83	phone
reading 81	alert, turning off 126
	aiori, tarriing on 120

auto power off, setting 62	cropping 161
auto power on, setting	drawing 156
135	screen saver 63, 157,
codes 56	158, 178, 187, 189
date, setting 61	wallpaper 7, 62, 157,
flip 28, 30, 32, 54, 125,	158, 176
174	PIN code
locking 55, 56	changing 56
time, setting 61	PIN2 code
turning on/off 28	changing 56
unlocking 55	power key 28
phone number	PUK code, defined 57, 207
storing your number 22,	PUK2 code, defined 57
37, 38, 68, 69, 73,	_
84, 86, 91, 96, 98,	Q
105, 110, 112,	quick access menu
114, 116, 129	creating 122
viewing your number 30,	using 123
54, 69, 73, 103,	quick note 69, 73, 85, 89
137, 140	·
phonebook entry	R
adding 96	right soft key
fixed dial 111	functions 33
photo caller ID, setting	ring style
100	ring alert, composing 162
speed dial 104	ring alert, turning off 124
voice dial 114	setting 124
number dialing,	3
speaking 114	S
voice tag, recording	safety information 13
116	calci, information 10
oicture	

screen saver 63, 157, 158, 178, 187, 189	T TAP English standard text
security code changing 56	entry method 39
forgetting 57 send key 31,66 service light setting 63	entering 38 entry method, changing 38 entry method, predefining
service provider name customizing 121 shortcut 1, 7, 44, 47, 122	39 finger writing input mode 39
silent ring alert, setting 124, 126 SIM card	flashing cursor 37 iTAP English input mode 39
defined 22 installing 22 PIN code entry 28 PIN code, changing 56 PIN2 code, changing 56 precautions 22	TAP English input mode 39 time, setting 61 transfering a call 129 travel charger 26
SIM Blocked message 28 soft keys	U
functions 33 Specific Absorption Rate (SAR) value 212 speed dial/1-touch dial 104 standby time, increasing 60, 173 STK service 134 stopwatch 142 symbol (and punctuation) text entry method 39	unlock keypad 155 phone 55, 56 SIM card 57 unlock code bypassing 57 changing 56 entering 28, 55, 56, 57, 111, 122, 132, 207, 208

٧

vibrate alert
turning on/off 125
video recorder 192
voice dial 114
number dialing 114
voice tag 116
voice launcher 146
voice command 146
voice recorder 149
voicemail service number,
setting 86
volume
earpiece 30
keypad 125
ring alert 124

W

wallpaper 7, 62, 157, 158, 176 Web pages 202 word completion feature 40 world time, viewing 148