



**MOTOROLA**

# **Motorola Mini Keyboard User's Guide**



NNTN5715A



# Contents

---

Motorola Mini Keyboard . . . . .	1
Setting Your Phone's Baud Rate . . . . .	2
Attaching and Removing the Mini Keyboard Adaptor . . . . .	3
Removing and Attaching Bezels . . . . .	4
Attaching the Mini Keyboard to Your Phone . . . . .	5
Disconnecting the Mini Keyboard From Your Phone . . . . .	6
Entering Text with the Mini Keyboard . . . . .	6
Yellow/Lock Key Functionality . . . . .	7
Green/Lock Key Functionality . . . . .	8
CAPS Key Functionality . . . . .	8
Using Mini Keyboard Key Shortcuts . . . . .	10
Extended Character Set . . . . .	10
Accent Marks . . . . .	11
Other Special Characters . . . . .	12
Special Character Considerations . . . . .	13
Attaching the Gamepad Bezel . . . . .	13
Using the Gamepad Controls . . . . .	14
Frequently Asked Questions . . . . .	16
More Information . . . . .	17
Technical Support . . . . .	17
Important Safety Information . . . . .	17
Communications and Regulations Information . . . . .	17
DOC Class B Compliance Statement . . . . .	18
Warranty Information . . . . .	18
Patent and Trademark Information . . . . .	20
Software Copyright Notice . . . . .	20



## Motorola Mini Keyboard

The Motorola Mini Keyboard is a portable solution for entering text and commands quickly and easily into your phone. You can convert from a text entry keypad to one suitable for gaming or a unique Java application by changing the bezel and keypad.

The Motorola Mini Keyboard is compatible with i205, i215, i285, i305, i315, i325, i530, i730, i830, i860 and i930 model phones.

**Note:** If your phone is an i205, i215, i285, i305, i315 or i325, you must use the adaptor that comes with the keypad.

The Motorola Mini Keyboard comes with a keyboard bezel for entering text. An optional gaming bezel is sold separately.

This compact, fully functional keyboard lets you:

- Enter text for Contacts and Datebook entries.
- Create and answer email and other types of text messaging.
- Enter commands and access options with simple key commands.
- Perform gaming functions when the gaming bezel is attached.
- Use your phone's keypad with the mini keyboard still attached by flipping the mini keyboard out of the way.



## Setting Your Phone's Baud Rate

You must set your phone's baud rate in order to use either bezel.

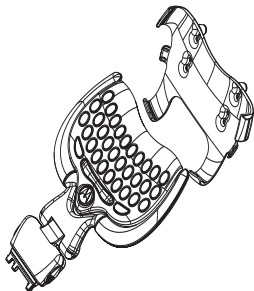
To set your phone's baud rate:

**Note:** If your phone has an **OK** key, press it instead of the option soft key.

1. Press **Ⓚ**.
2. Scroll to **Settings** and press **Ⓚ** under **Select**.
3. Scroll to **Advanced** and press **Ⓚ** under **Select**.
4. Scroll to **Baud Rate** and press **Ⓚ** under **Change**.
5. If the baud rate shown is not 9600 or Auto, scroll to **9600** or **Auto** and press **Ⓚ** under **Select**.

## Attaching and Removing the Mini Keyboard Adaptor

If you are using an i205, i215, i285, i305, i315 or i325 phone, you must attach the adaptor to the mini keyboard before you connect the mini keyboard to your phone.



To attach the adaptor:

- 1 Hold the adaptor with the 4 feet of the adaptor facing down.
2. Hold the mini keyboard with its keypad facing up.
3. Slide the adaptor over the back of the mini keyboard.
4. Press the adaptor into place around the mini keyboard.

To remove the adaptor:

- 1 Press the adaptor's two bottom hooks. The bottom hooks should slide off the mini keyboard.
2. Slide the top of the adaptor off the mini keyboard.

## Removing and Attaching Bezels

The Motorola logo located on the bezel locks the bezel into place.

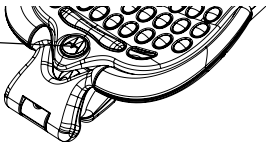
To unlock the bezel, turn the logo counterclockwise 90 degrees until the M of the logo is horizontal. To lock it, turn the logo clockwise 90 degrees, back to the vertical position.

**Note:** If you turn the logo more than 90 degrees, the bezel will be insecurely fastened.

To remove the bezel:

- 1 Press the Motorola logo located in the lower center of the bezel and rotate it counterclockwise 90 degrees.
2. Lift up the lower part of the bezel and slide it up and off the top of the mini keyboard housing.

Motorola Logo  
(bezel lock)



To attach the bezel:

- 1 Press the Motorola logo located in the lower center of the bezel and rotate it counterclockwise 90 degrees.

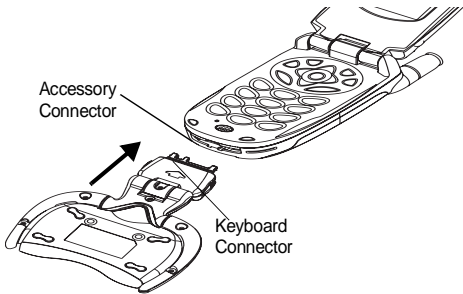
- Slide the bezel onto the top of the mini keyboard housing.  
**Note:** Make sure the Motorola logo is horizontal.
- Press down on the Motorola logo and rotate it clockwise 90 degrees. The logo is right-side up when in the locked position.

## Attaching the Mini Keyboard to Your Phone

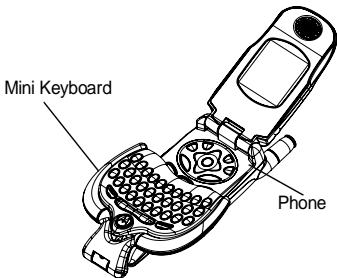
When the keyboard is attached to your phone, the **Device Attached** message is displayed.

**Note:** It may take up to 5 seconds for this message to display.

- Insert the mini keyboard's connector, with the arrow facing up, into your phone's accessory connector.



- Fold the mini keyboard over the front of your phone.



## Disconnecting the Mini Keyboard From Your Phone

- 1 Press and hold the buttons on the sides of the mini keyboard connector.
2. Pull the mini keyboard connector straight out from your phone's accessory connector. Do not twist the connector.

## Entering Text with the Mini Keyboard

If you have attached the mini keyboard correctly and the keyboard bezel is installed on the keyboard base you can begin.

Here are some important points to remember when using the mini keyboard.

- Your phone accepts a maximum of 512 characters in its largest input fields.

- Some of your phone's functions cannot be used simultaneously, just as when you are using your phone without the mini keyboard.
- Letters and functions shown in white are the default keys.
- All letters are lower case by default. For example, pressing the "Q" key displays "q."
- The Bspc key works as a Back Space key when entering a message.
- The Space key works as a Space Bar.

## **Yellow/Lock Key Functionality**

- Press the Yellow key once. The next key pressed displays the yellow character on that key. The keyboard will then return to the default keys (as if the yellow key had not been pressed).

For example, press the Yellow key followed by the "Q" key, and a "1" displays. If "Q" is pressed again, a "q" displays.

Press the Yellow key twice to lock the keyboard in the yellow mode. All subsequent key presses display the yellow character associated with the key pressed. The keys that do not have yellow functions (Left Option, Right Option, Bspc, Space) will still operate in the default (white) mode.

- Press the Yellow key again to unlock the yellow mode and revert back to the default (white) mode.
- Press the Green key to cancel the yellow mode and enter the green mode.
- Press the CAPS key to cancel the yellow mode and enter the CAPS mode.

## **Green/Lock Key Functionality**

- Press the Green key once. The next key pressed displays the Green character on that key. The keyboard will then return to the default keys (as if the green key had not been pressed).

For example, press the Green key followed by the “U” key, and a “{” displays. If “U” is pressed again, a “u” displays.

- Press the Green key twice to lock the keyboard in the green mode. All subsequent key presses display the Green character or function associated with the key pressed. The keys that do not have green functions still operate in the default (white) mode.
- Press the Green key again to unlock the green mode and revert back to the default (white) mode.
- Press the Yellow key to cancel the green mode and enter the yellow mode.
- Press the CAPS key to cancel the green mode and enter the CAPS mode.

## **CAPS Key Functionality**






- Press the CAPS key once. The next key pressed displays the capitalized character on that key. Subsequent keys pressed will be displayed lower case.
- Press the CAPS key twice to lock the keyboard in the caps mode. All subsequent key presses display the capitalized character associated with the key pressed.
- Press the CAPS key again to unlock the caps mode and revert back to the lower case mode.
- Press the Yellow or Green key to unlock the caps mode and enter the yellow or green mode, respectively.

<b>Standard</b>	<b>Yellow Function</b>	<b>Green Function</b>
Q	1	APOSTROPHE
W	2	"
E	3	~
R	4	ACCENT
T	5	+
Y	6	^
U	7	{
I	8	}
O	9	[
P	0	]
A	!	#
S	@	<
D	*	>
F	\$	UP ARROW
G	%	DOWN ARROW
H	&	LEFT ARROW
J	(	RIGHT ARROW
K	)	=
L	:	;
Z	-	i
X	_	À
C	.	ß
V	\	þ
B	,	Æ
N	/	ı
M	?	¿

## Using Mini Keyboard Key Shortcuts

You can perform most of your phone's functions using the keys on the Motorola Mini Keyboard.




**Note:** For more information on your phone's functions and features, refer to your phone's user's guide.

Phone Key	Action	Keyboard Equivalent
 Left Option	Chooses current left display option	 Left Option Key
 Right Option	Chooses current right display option	 Right Option Key
Back One Page	Returns to previous page in browser	 Green Shift Key + Back Space

## Extended Character Set

The mini keyboard lets you enter special characters using a combination of keystrokes.

**Note:** The extended character set is only available if your phone is configured for a language other than English.

Accent Example	Description	Keystrokes
â	acute accent (for letters a, e, i, o, u, y)	single quote, then letter
â	circumflex (for a, e, i, o, u)	 + Y+ letter Green
ä	umlaut (for letters a, e, i, o, u)	shift and quote, then letter
à	grave accent (for letters a, e, i, o, u)	grave accent, then letter
ã	tilde (for letters a, n, o)	 + ~+ letter Green
Å	nordic A-ring (for letter a only)	 + X Green






## Accent Marks

To create a letter with an accent mark over it, enter the keystrokes listed in the table above.

If your phone displays a language other than English, you must press the right arrow after a single quote, ~, ', /, -, or ^ for the character to appear.

## Other Special Characters

To create other special characters, enter the keystrokes listed in the table below.

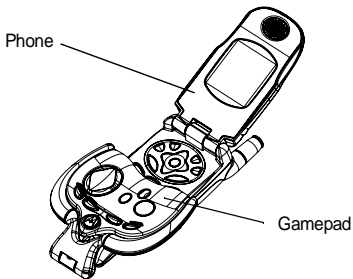
Accent Example	Description	Keystrokes
ß	sharp s, German sz ligature	 + C Green
Æ	diphthong AE ligature	 + B Green
ç or Ç	cedilla	single quote, then c or C
þ	icelandic thom	 + V Green
ð or Ð	icelandic eth	dash and d or D
ø or Ø	nordic O-Slash	/, then o or O
ı	upside down?	 + M Green
ı	upside down!	 + Z Green

## Special Character Considerations

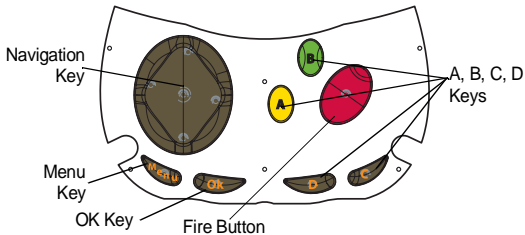
If your phone displays a language other than English, these characters do not appear immediately after they are entered: single quote, double quote, tilde (~), grave accent (`), slash (/), dash (-), and circumflex (^).

## Attaching the Gamepad Bezel


If you have attached the mini keyboard correctly and the gamepad bezel (sold separately) is installed on the keyboard base, you can now use your Mini Keyboard for gaming applications. See “Removing and Attaching Bezels” on page 4.



## Using the Gamepad Controls



### Gamepad

- The large disc on the left is the direction or navigation key. Press the top of the disc for “Up,” press the bottom of the disc for “Down,” press the left side of the disc for “Left” and press the right side of the disc for “Right.”
- The “Menu” key functions the same as the Menu key on your phone.
- The “OK” key functions the same as  on your phone. Press this key to select highlighted items.
- The “A,” “B,” “C,” and “D” keys are game or application-specific. Their functionality is dependent on the game or application.

The large Red key is the “Fire” button for games, but also can be game-specific (e.g., an accelerator for a racing game, or a kick control for a martial arts game, etc.).

<b>Phone</b>	<b>Gamepad Key</b>	<b>Function</b>
Up	Navigation (Up)	Up
Down	Navigation (Down)	Down
Left	Navigation (Left)	Left
Right	Navigation (Right)	Right
Menu	Menu	To access submenu items
OK	OK	To select highlighted items
1	A	Application-specific
3	B	Application-specific
7	C	Application-specific
9	D	Application-specific
Send	Red	Fire button/Game-specific

## Frequently Asked Questions

### What should I do when I try to enter text on the mini keyboard and nothing happens?

- Make sure that the phone is on and that you entered your SIM PIN correctly before connecting the mini keyboard to the phone.
- Make sure that your phone is properly connected to the mini keyboard.
- Make sure that your phone's baud rate is set to 9600 or Auto.
- Make sure that your phone's battery is fully charged.
- Remove the mini keyboard and reattach it.

### What should I do if I try to use the gamepad and I enter text instead?

If you have the gamepad attached and are still in text entry mode, check that the magnet on your gamepad is firmly attached.

### Can I do everything with the Mini Keyboard that I can do with my phone's keypad?

You can do the following phone-related tasks with the mini keyboard:

- Exit the information in My Information.
- Search through the names in your Contacts list by typing the first few letters of the name.
- Begin editing a Contact entry by pressing any key, instead of selecting **Change**.
- Set a date and time in your Datebook by pressing the desired number keys.

## More Information

### Technical Support

For technical support contact our iDEN Customer Care team at [www.motorola.com/iden/support](http://www.motorola.com/iden/support).

For more information about Motorola accessories visit <http://www.idenstore.com>.

### Important Safety Information

Read the Safety Information in your phone's user guide before using the Mini keyboard.

### Communications and Regulations Information

To maintain compliance with the United States FCC Radio frequency exposurer guidelines, ensure the antenna and the radio product are kept a minimum distance of one inch (2.5 cm) from the body when transmitting.

**Note:** 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You may also find helpful the FCC booklet: How to Identify and Resolve Radio-TV Interference Problems, available from the U.S. Government Printing Office, Washington D.C. 20402.

Changes and modifications not expressly approved by Motorola can void your authority to operate this equipment under FCC rules.

## **DOC Class B Compliance Statement**

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference causing equipment standards entitled, Digital Apparatus, ICES-003 of the Department of Communications.

## **Warranty Information**

Refer to your phone's user guide for warranty information relating to your phone.

This Motorola Original Accessory has been manufactured to Motorola's quality standards and to meet the performance requirements of your Motorola limited warranty. Ask your sales representative for complete details on this warranty.

Motorola, Radio Products and Services Division, (“Motorola”) warrants the Motorola Mini Keyboard against defects in material and workmanship under normal use and service for a period of one (1) year from shipment. Items will be replaced or repaired free of charge for the full warranty period. Freight charges to and from the place where warranty replacement is provided shall be the Customer’s responsibility.

The warranty does NOT cover defects or damages to the Motorola Mini Keyboard resulting from (a) use in a manner other than normal operation as specified in the User’s Guide,

(b) misuse, accident, or neglect, (c) improper assembly, testing, operations, maintenance, installation, adjustment, alteration, repair or any modification by the customer or any other person without the prior written consent of Motorola.

## **How to Obtain Warranty Service or Other Information?**

If replacement under warranty is necessary, to obtain service or technical information, please call:

Motorola iDEN Customer Services 1-800-453-0920 or 954-723-4910  
TTY-877-483-2840

Or visit us online at <http://www.motorola.com/iden/support>

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.

## **Patent and Trademark Information**

MOTOROLA, the Stylized M Logo and all other trademarks indicated as such herein are trademarks of Motorola, Inc. Reg. U.S. Pat. & Tm. Off. © 2004 Motorola, Inc. All rights reserved.

Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

All other product names or services mentioned in this manual are the property of their respective trademark owners.

## **Software Copyright Notice**

The Motorola products described in this manual 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 the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the 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.