

TARGUS
Essential Accessories for Mobile Computing

Universal IR Keyboard

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Making Your Mobile Life Easier.

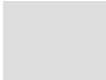
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USER'S GUIDE
Making Your Mobile Life Easier.

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TARGUS UNIVERSAL INFRARED KEYBOARD

Introduction

Congratulations on your purchase of the Targus Universal Infrared Keyboard. The IR keyboard is a convenient and ultra-portable keyboard and mouse for your PDA.

With the IR keyboard you can:

- Enter text directly into your PDA.
- Use the 8-way navigation button to simulate mouse movement.
- Define and use the function keys to quickly execute commands and options.
- Take a keyboard and mouse with you whenever you travel with your PDA.

In addition to this user's guide, this package contains the Targus Universal Infrared Keyboard and the driver software CD-ROM.

Installing the Driver

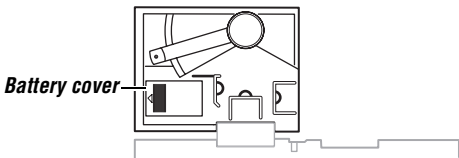
To install the driver software for the IR keyboard, you need:

- A computer with the Windows® 95/98/Me/2000/XP operating system and a CD-ROM drive.
- A synchronizing program on your computer, such as Microsoft® ActiveSync® 3.1 or higher or Palm™ Desktop Software, for copying files to your PDA.
- At least 80K bytes of free memory on your PDA.

- 1 Connect your PDA to your computer, if it's not already connected, and synchronize to back up your files.
- 2 Disable any previously installed keyboard software on your PDA.
- 3 Insert the driver software CD-ROM into your computer's CD-ROM drive.
- 4 If setup does not begin automatically, click **Start**, then **Run**, and enter D:\setup.exe (where D: is the path of the CD-ROM drive) and then click **OK**.
- 5 Follow the on-screen instructions to complete installation.
- 6 Synchronize to copy the driver to your PDA (Palm OS only).

Installing the Batteries

- 1 Remove the battery cover from the keyboard's back holder by pressing the battery cover tab and sliding it off.



Opening the battery cover

- 2 Insert the supplied CR2032 lithium batteries under the clips with the positive (+) sides facing upward.
- 3 Slide the battery cover back into position until it clicks firmly into place.

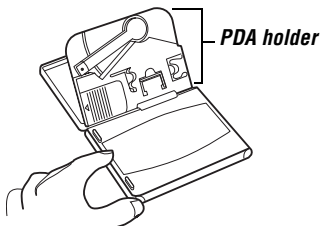


NOTE: To extend the life of the batteries, close the keyboard to power it off when it's not in use.

Securing a PDA to the Keyboard

After installing the driver and the batteries, you can attach the IR keyboard to your PDA. To do this:

- 1 Open and unfold the IR keyboard and lock it in place by sliding the lock button from unlocked to locked position.
- 2 Adjust the angle of the PDA holder using the support foot.

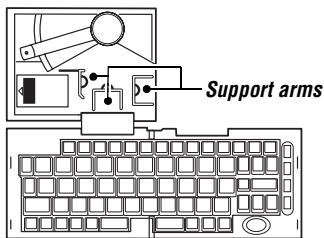


Opening the IR keyboard

- 3 Extend the support arm(s) that you want to use to steady your PDA. You can place your PDA upright or landscape (on its side) to best suit your needs.

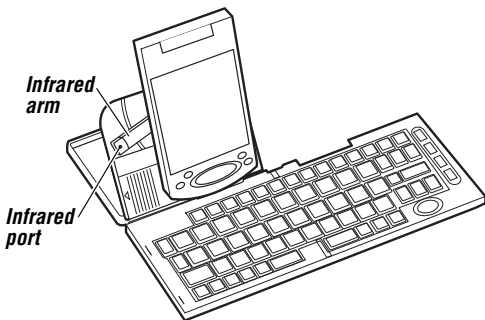


NOTE: To view your PDA screen properly in the landscape position, your PDA must have a third party screen flipping software.



Selecting the support arm

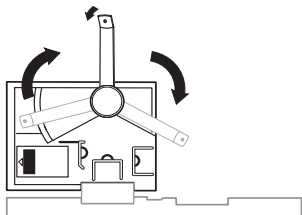
- 4 Turn off your PDA (if it is on) and secure it between the extended support arms.



Attaching the PDA to the IR keyboard

- 5 Rotate the infrared arm and angle the tip so that the keyboard's IR port is directly over your PDA's IR port. To

locate your PDA's IR port, refer to the documentation that came with your PDA.



Rotating the infrared arm and angling the IR port



CAUTION: Never adjust the PDA holder or pick up the IR keyboard using the infrared arm. Doing so may damage the keyboard and void the warranty.

You can now turn on your PDA and enable the driver.

Enabling the Keyboard

After installing the driver and securing the IR keyboard to your PDA, you can enable it through the main application screen. To do this:

Pocket PC

- 1 Tap **Start**, then **IR keybd**.

The main application screen appears.

- 2 Tap on the box next to **Enabled** so that a check mark appears.

Palm OS

- 1 Tap **Applications** icon to access the Applications screen.
- 2 Tap the **IR keybd** icon.
- 3 Tap **On** to enable the keyboard.

You are now ready to customize and use the IR keyboard.



NOTE: Use the keyboard on a firm, flat surface for optimum performance and stability.

Customizing the Keyboard Options

Once you enable the IR keyboard, you can view and customize its options. To do this:

Pocket PC	Palm OS
<ol style="list-style-type: none">1 Tap Start, IR keybd, then File. The File menu appears.2 Select the option you want to view or customize.	<ol style="list-style-type: none">1 Tap Applications icon then the IR keybd icon.2 Tap IR keybd to view the Options menu.

The available options are:

- **About** Shows the software version and copyright
- **Help (Pocket PC only)** Lists the online Help topics
- **Function Keys** Defines the programmable function keys
- **Keyboard** Specifies the keyboard repeat rate settings
- **Mouse** Specifies the mouse speed settings

About

The About screen in the IR keyboard application allows you to view the software version and copyright information.

Help (Pocket PC only)

The Help screen in the IR keyboard application displays the online help topics. Find the topic you want to learn more about and select the link to view more information.

Function Keys

The Function Keys screen in the IR keyboard application provides ten user-definable function keys, consisting of keys Alt-1 to Alt-0.

To define the function keys:

Pocket PC	Palm OS
1 Tap the function key that you want to assign.	1 Tap the down arrow next to the function key that you want to assign.
2 Select a mode from the drop-down menu. The available modes are Run, Paste and Special.	2 Select a program or command from the drop-down menu.
3 Enter any details in the box provided, such as an application or file name or specific text, or select a special feature from the drop-down menu.	3 Repeat steps 1 and 2 to define additional function keys.
4 Repeat steps 1 through 3 to define additional function keys.	4 To save your settings, close the window by tapping Done on your PDA screen.
5 To save your settings, close the window by tapping Done on your PDA screen.	

Keyboard

The Keyboard screen in the IR keyboard application allows you to regulate the keystroke repeat function.

- **Delay until repeat:** allows you to set the length of time before a letter, number or other character begins to repeat when you press and hold a key. The settings range is 1 (short) to 10 (long) for Pocket PCs and 1 (short) to 5 (long) for Palm OS.
- **Keyboard repeat rate:** allows you to set the speed at which a letter, number or other character repeats when you press and hold a key. The settings range is 1 (slow) to 10 (fast) for Pocket PCs and 1 (slow) to 5 (fast) for Palm OS.
- **Enable key click sound:** (Palm OS only) which simulates typewriter clicking sounds when you press keys on the IR keyboard.
- **Test Area:** allows you to test the delay and repeat rate by holding down a letter or number key on the IR keyboard. The character repeats according to the settings you have chosen. Change and test these settings until you achieve the desired outcome.

To save your settings and exit the screen, tap **Done**.

Mouse

The Mouse screen in the IR keyboard application allows you to regulate the rate at which the mouse (8-way navigation button) moves the cursor across the screen.

- **Cursor blink rate:** (Palm OS only) allows you to adjust how fast or slow the cursor blinks. The higher the number, the faster the cursor will blink. Set the rate to 0 for a solid cursor. The settings range is 0 to 50.
- **Cursor size (pixels):** (Palm OS only) allows you to adjust the cursor size. The settings range is 3 (small) to 10 (large).
- **Cursor Shape:** (Palm OS only) allows you to change the cursor's shape. You can choose from the following shapes: square, arrow or cross.
- **Mouse Speed Slow:** allows you to set the speed at which the cursor normally moves. The settings range is 1 (slow) to 10 (fast).
- **Mouse Speed Fast:** allows you to set the higher speed at which the cursor moves, after the speed delay, when you press and hold down the mouse button. The settings range is 1 (slow) to 10 (fast), but the corresponding speeds are faster than for Mouse Speed Slow.
- **Mouse Speed Delay:** allows you to set the length of time before the cursor changes from slow speed to fast speed when you press and hold down the mouse button. The settings range is 1 (short) to 10 (long).

To save your settings and exit the screen, tap **Done**.

Using the Keyboard Mouse

With the IR keyboard's 8-way navigation button, you can control the cursor's movement and tap items on your PDA's screen—all “stylus-free.”

Press the arrows on the navigation button to move the cursor across the PDA's screen. To “tap” an on-screen option, press the check mark key on the IR keyboard. To “tap and hold” an on-screen option, press and hold the check mark key on the IR keyboard.



NOTE: The mouse turns itself off after two seconds of non-operation or when you press any key on the IR keyboard.

Typing Keyboard Shortcuts

The following table details the key sequences you can use to access options and additional characters, and to issue commands to your PDA from the IR keyboard.

To use these key sequences, hold down the Shift, Ctrl, Fn, or Shift+Fn keys (as indicated) and then tap the second key listed in the table for the desired result.

Keyboard Combinations

	Normal	Shift	Ctrl	Fn	Shift + Fn
1	Esc				
2	1	!			Superscript 1
3	2	@		½	Superscript 2
4	3	#		¾	Superscript 3
5	4	\$		¼	¢
6	5	%			
7	6	^		Circumflex [^]	
8	7	&			
9	8	*			
10	9	(
11	0)			
12	-	_		÷	
13	=	+		±	
14	Backspace			Power Off	
15	Tab	Back tab			
16	q	Q	Quit app	Nordic A-ring [°]	
17	w	W		•	
18	e	E		€	
19	r	R		£	®

	Normal	Shift	Ctrl	Fn	Shift + Fn
	Esc				
	1	!			Superscript 1
	2	@		½	Superscript 2
	3	#		¾	Superscript 3
	4	\$		¼	¢
	5	%			
	6	^		Circumflex [^]	
	7	&			
	8	*			
	9	(
	0)			
	-	_		÷	
	=	+		±	
	Backspace			Power Off	
	Tab				
	q	Q		Nordic A-ring [°]	
	w	W		•	
	e	E		€	
	r	R		£	®

		Palm OS			
	Normal	Shift	Ctrl	Fn	Shift + Fn
	t	T		™	
	y	Y		¥	
	u	U	Pg Up	µ	
	i	I		ı	
	o	O		ø	Ø
	p	P		¶	
	[{		'	"
]	}		'	"
	\				
	Caps				
	a	A	Select All	æ	Æ
	s	S		§	
	d	D	Pg Down	°	
	f	F		f	
	g	G		©	
	h	H			
	j	J			
	k	K			
	l	L		Backlight	
	;	:		Diaeresis/ Umlaut [¨]	

		Pocket PC			
	Normal	Shift	Ctrl	Fn	Shift + Fn
20	t	T		™	
21	y	Y		¥	
22	u	U		µ	
23	i	I		ı	
24	o	O		ø	Ø
25	p	P		¶	
26	[{		'	"
27]	}		'	"
28	\				
29	Caps				
30	a	A	Select All	æ	Æ
31	s	S		§	
32	d	D		°	
33	f	F		f	
34	g	G		©	
35	h	H			
36	j	J			
37	k	K			
38	l	L			
39	;	:		Diaeresis/ Umlaut [¨]	

		Palm OS			
	Normal	Shift	Ctrl	Fn	Shift + Fn
	,	"		Acute accent [']	
	Enter			OK	
	Left Shift				
	z	Z	Undo		
	x	X	Cut		
	c	C	Copy	ç	Ç
	v	V	Paste		
	b	B		ß	
	n	N			
	m	M			
	,	<		Note	«
	.	>		Send	»
	/	?		ı	
	Right Shift				
	,	~		Grave accent [']	Tilde [~]
	Ctrl				
	Fn				
	Alt				
	Cmd Stroke			Shortcut	

		Pocket PC			
	Normal	Shift	Ctrl	Fn	Shift + Fn
40	,	"		Acute accent [']	
41	Enter			OK	
42	Left Shift				
43	z	Z	Undo		
44	x	X	Cut		
45	c	C	Copy	ç	Ç
46	v	V	Paste		
47	b	B		ß	
48	n	N	New		
49	m	M			
50	,	<		«	
51	.	>		»	
52	/	?		ı	
53	Right Shift				
54	,	~		Grave accent [']	Tilde [~]
55	Ctrl				
56	Fn				
57	Alt				
58	Win				

		Palm OS				
		Normal	Shift	Ctrl	Fn	Shift + Fn
	Left Space					
	Middle Space					
	Right Space				New	
	Done				Cancel	
	Apps (Home)				Graffiti	
	Del				Delete...	
	Mouse Up		Select line up	Cursor to prev. line	Text cursor up	
	Mouse Down		Select line down	Cursor to next line	Text cursor down	
	Mouse Left		Select character left	Cursor to prev. word	Text cursor left	
	Mouse Right		Select character right	Cursor to next word	Text cursor right	
	Click					
	Date		Apps			
	Phone		Menu			
	ToDo		Calc			
	Memo		Find			

		Pocket PC				
		Normal	Shift	Ctrl	Fn	Shift + Fn
59	Left Space					
60	Middle Space					
61	Right Space					
62						
63	Today					
64	Del				Insert	
65	Mouse Up		Select line up	Cursor to prev. line	Text cursor up	
66	Mouse Down		Select line down	Cursor to next line	Text cursor down	
67	Mouse Left		Select character left	Cursor to prev. word	Text cursor left	
68	Mouse Right		Select character right	Cursor to next word	Text cursor right	
69	Click					
70	Notes		Inbox			
71	Word		Contacts			
72	Excel		Calendar			
73	Money		Tasks			



NOTES: The Shift, Ctrl and Ctrl+Shift key sequences are controlled by the Pocket PC operating system. Results may vary between applications.

Not all PDA models support the applications associated with the four application keys or the backlight control.

Alt + any number key (0 - 9) launches user defined functions.

Adding Diacritical Marks

To add diacritical marks:

- 1 Locate the key combination for the mark you want to use.
- 2 Press and hold either the Fn key or the Shift+Fn keys.
- 3 Press the character listed in the table.
- 4 Release the keys and type the letter you want to accent. For uppercase accents, press Shift and the letter you want to accent.

For example, to type the umlaut ö in Köln, use the key combination Fn and ; (semi colon) then “o.”

Depending on the type of diacritical mark you want to use, you can accent the upper or lowercase letters A, E, I, O, U, Y and N.

Things to Remember

- Some Pocket PCs automatically turn off the backlight while the keyboard is in use. To keep the backlight on, disable the keyboard, tap the **IR keybd** icon, tap **File**, then **Backlight** and select the backlight option.
- Due to current infrared technology, if the infrared connection is lost while you are typing, the last key recognized will repeat for up to four seconds.

Frequently Asked Questions

Does the Targus Universal Infrared Keyboard require batteries?

Yes, the IR keyboard requires two CR2032 lithium batteries.

I can't enable the keyboard for my Pocket PC — what should I do?

You may need to update your beaming options in order to enable the IR keyboard. To do this:

- 1 Tap **Start, Settings** and select **Connections**.
- 2 Tap **Beam**.
- 3 Tap the box next to **Receive all incoming beams and select discoverable mode** so that the check mark disappears.
- 4 Enable the keyboard, see “Enabling the Keyboard” on page 7.

How do I stop miscellaneous characters from appearing on my PDA screen after I stop typing?

There may be another infrared device, such as your computer or another PDA, interfering with your IR keyboard connection. Make sure that the keyboard's IR port is directly above your PDA's IR port and turn off any other infrared devices.

What should I do when I type on the keyboard and nothing happens?

- Check that your PDA is charged.
- Check that the keyboard's IR port on the infrared arm is directly over the IR port on your PDA.
- Verify that the keyboard driver is installed and enabled on your PDA.

- Replace the batteries in the IR keyboard.
- Remove the keyboard driver and then reinstall it. To do this:

Pocket PC	Palm OS
1 Tap Start , then select Programs .	1 Tap Applications icon to access the Applications screen.
2 Tap File Explore , then select My Device .	2 Tap the Menu icon, then App to display the menu list and select Delete .
3 Tap Windows, Start Menu , then tap and hold the IR keyboard and select Delete from the drop-down menu.	3 Tap IR Keyboard , then the Delete... on-screen button.
4 Tap Yes to remove the keyboard software, or No to cancel the operation.	4 Tap Yes to remove the keyboard driver, or No to cancel the operation.
5 Install the driver software, following the instructions in “Installing the Driver” on page 3.	5 Tap Done to exit the Delete screen.
	6 Install the driver software, following the instructions in “Installing the Driver” on page 3.

Technical Support

For technical questions, please visit:

Internet: <http://www.targus.com/support>

Australia

Internet: www.targus.com.au

Email: infoaust@targus.com

Monday through Friday, 8:30 a.m. (08:30) to 5:30 p.m. (17:30)

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Netherlands +31 0 53-484-9470

Spain +34 0 91-745-6221

Sweden +46 0 8-751-4058

Switzerland +41 0 1-212-0007

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Eastern Europe & others +31 0 53-484-9479

Product Registration

For more efficient customer service and to activate the product's warranty, Targus recommends that you register your Targus accessory shortly after purchasing it.

To register your Targus accessory, go to:

<http://www.targus.com/registration.asp>

You will need to provide your full name, email address, phone number, and company information (if applicable).

Warranty

Targus warrants this product to be free from defects in materials and workmanship for one year. If your Targus accessory is found to be defective within that time, we will promptly repair or replace it. This warranty does not cover accidental damage, wear and tear, or consequential or incidental loss. Under no conditions is Targus liable for loss of, or damage to a computer; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Targus has been informed of their possibility. This warranty does not affect your statutory rights.

Warranty Registration at:

<http://www.targus.com/registration.asp>

Regulatory Compliance

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.

FCC Statement

Tested to Comply

This equipment has been tested and found to comply with the limits of 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

- Move the computer away from the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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