



User Manual

Bluetooth Desktop Dock

GKMB01
PART NO. M1220

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Package Contents

- GKMB01 Bluetooth Desktop Dock main unit
- Plastic stand/back support
- Quick Start Guide*
- Warranty Card

Check to make sure that all the components are present and that nothing was damaged in shipping. If you encounter a problem, contact your dealer. Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit, and/or any of the devices connected to it.

* Features may have been added to the GKMB01 Bluetooth Desktop Dock since this manual was printed. Please visit our website to download the most up-to-date version.

System Requirements

- Mobile Devices: Support Bluetooth HID profile*
- Computer: With minimum 1 type A USB port
- Keyboard and Mouse: USB based keyboard and mouse
- USB Power Adapter (optional): The GKMB01 is normally powered by a computer's USB port, but can also be used with USB power supply when not plugged into a computer
- Windows 2000 and higher or Mac OS 10.6 and higher

Note: GKMB01 supports the following Apple products with iOS 4.2.1 and higher*:

- iPhone 3GS, iPhone 4 and 4S, iPhone 5, 5C and 5S
- Apple iPad, iPad 2, (iPad 3rd and 4th generation), iPad mini
- iPod touch (2nd through 5th generation)

* Apple iOS mobile devices do not support mouse function at this time.

Product Overview

The GKMB01 Bluetooth Desktop Dock is a Bluetooth link that allows you to use a desktop keyboard and mouse with two compatible mobile devices. With the GKMB01 connected, you can quickly switch the focus of your computer's keyboard/mouse to your mobile device to compose and send text messages and e-mails, or navigate your mobile device. On compatible Android devices you can use the mouse to open apps or play games without touching the screen.

Overview

1. Port LED indicators
2. Keyboard USB Port (plug your USB keyboard into here)

3. Mouse USB Port (plug your USB mouse into here)
4. USB cable to computer (plug this cable into the computer to share keyboard and mouse)
5. Mobile device cradle/stand

Connecting the Hardware

Before using the GKMB01 for the first time, make sure the keyboard and mouse have been connected to the computer at least once (so the computer loads the correct drivers) then follow the steps below:



1. Plug the Bluetooth Dock's USB cable into the computer. If it is the first time install, please allow a few seconds for the computer to load the drivers.
2. Unplug the USB keyboard and mouse from the computer, and plug them into the Bluetooth Dock. Perform a quick test by typing a few words to make sure the keyboard and mouse work fine with the computer
3. Install the clear plastic cradle/back support on the Bluetooth Dock and place your mobile device on the dock.
4. If this is a first time setup, please go to Connecting Bluetooth Devices. To replace a previously paired mobile device and pair a new one, you must first clear pairing by pressing "ALT + F6". The Bluetooth Dock allows two Bluetooth mobile devices to be connected, so any time you wish to replace one you will need to perform this step.

Connecting Bluetooth Devices

To connect your Bluetooth mobile device(s):

1. Select the either Port 2 or Port 3 assignment for this device (Port 1 is already assigned to the computer). Press either "ALT+F2" for port #2 or "ALT+F3" for port #3.
2. Using Port 2 as an example, you should see the blue LED 2 flashing on the front of the Bluetooth Dock, indicating the unit is searching for Bluetooth devices.
3. Using iPad as an example of the mobile device, open Settings menu on the iPad, then select General, and turn on Bluetooth.

4. With Bluetooth turned on, the iPad will search for the surrounding devices, and you should see GKMB01 as one of the Bluetooth devices in the range.
5. Select GKMB01 and a message will appear on the iPad screen showing the PIN code.
6. Type the PIN code on the keyboard and press Enter (Note: If you have a problem with the Bluetooth connection, see Clear Bluetooth Pairing and repeat the steps above).
7. Your iPad is now connected to the GKMB01 and ready to use with your keyboard (Note: Apple iOS devices do not support mouse function, however most Android HID compliant devices do support mouse functions so you can navigate your device with it).
8. To connect a second Bluetooth device on the GKMB01, repeat the instructions above using [Alt]+[F3] for step 1.
9. To switch the keyboard focus back to your computer, press [Alt]+[F1] (Note: Double tap the Alt key to switch back and forth between the last device connected).

For easier use with mobile devices, the keyboard buttons can be customized or “mapped” to correspond to specific functions on the mobile device. Many mobile devices already have specific functions pre-mapped to use with wireless keyboards, so test all keys while connected to your mobile device before making changes. To customize your keyboard for use with a mobile device, see Keyboard Mapping.

Input Method Editor (IME)

Input Method Editor (IME) is an operating system component that allows users to enter characters and symbols not found on normal English keyboards. Using the IME function allows users on English keyboards to input Chinese, Korean, Japanese, or Indic characters. If your keyboard is used exclusively for English, you can skip this feature.

To change your keyboard language using the IME on your computer or mobile device, do the following:

1. Switch to the device you want to use.
2. To toggle the IME on or off from the USB keyboard, press the hotkey shown for your keyboard type:

Keyboard Type	iOS/Mac Hotkey	Hotkey
PC	Windows + Spacebar	Ctrl + Spacebar
Mac	Command + Spacebar	Ctrl + Spacebar

3. Once IME is enabled, the device will use the characters of the language selected for your device. (Note: iPad/iPhone users should use iOS 6 or higher, as these versions provide the most effective IME support).

Hotkeys

The chart below lists the GKMB01 Hotkey functions. The “+” means hold-down the **[Alt]** key, and press the second hotkey.

Function	Hotkey
<p>Switch to Port 1 Switch keyboard/mouse focus to computer</p>	Alt + F1
<p>Switch to Port 2 Switch keyboard/mouse focus to Bluetooth Device 1</p>	Alt + F2
<p>Switch to Port 3 Switch keyboard/mouse focus to Bluetooth Device 1</p>	Alt + F3
<p>Toggle Last Device Switch keyboard/mouse focus back to previous Port</p>	Alt then Alt
<p>Clear Pairing Clears Bluetooth pairing for selected Port</p>	Alt + F6
<p>Default Reset Resets all GKMB01 settings to factory defaults</p>	Alt + F7
<p>Bluetooth Disconnect Disconnects Bluetooth Device without clearing pairing</p>	Alt + F12
<p>Firmware Upgrade Starts firmware upgrade mode</p>	Alt + F8 then P then Enter
<p>Enable Keyboard Mapping Changes to QWERTY keyboard layout</p>	Alt + F5 then 1 then Enter
<p>Enable Keyboard Mapping Changes to Mac keyboard layout</p>	Alt + F5 then 2 then Enter
<p>Enable Keyboard Mapping Changes to iPad/iPhone keyboard layout</p>	Alt + F5 then 3 then Enter

Switching the Keyboard and Mouse focus between devices

GKMB01's default setting for keyboard and mouse focus is port 1, which is the computer port. To switch keyboard and mouse focus to port 2 and enable use with the mobile device wirelessly connected via Bluetooth, press ALT + F2. The LED for port 2 flashes then turns solid, indicating the keyboard focus is now set to the device connected to port 2.

To switch to port 3, press ALT + F3. The LED for port 3 flashes then turns solid, indicating keyboard and mouse focus is now set to the device connected to port 3.

To switch keyboard focus back to the computer, press ALT + F1.

Note: Some mobile devices such as iPad do not support mouse function.

iOS Shortcut Keys

When using the GKMB01 with the iPad or iPhone, the keys on your USB keyboard will function as follows:

Key	Function
ESC	Home/Siri*
F1	Brightness Down
F2	Brightness Up
F3	Search
F4	Screen off /Photo Screensaver mode**
F5	On/Off On-Screen Keyboard
F6	
F7	Previous Track
F8	Play/Pause
F9	Next Track
F10	Mute
F11	Volume Down
F12	Volume Up

*For devices that support Siri.

**Depends on the default iOS behavior

Keyboard Mapping

Mapping the USB keyboard allows a Windows keyboard to mimic a Mac or iPad/iPhone keyboard- for use on your mobile device (or a Mac can mimic a Windows keyboard). Choose the layout you want to use, and then set the layout using the instructions below.

Keyboard Layout

Select the Keyboard Layout for your device, and then go to the next section to program the port with the keyboard layout for that device.

Note: The default keyboard layout for all ports is iOS.

Set the keyboard Layout

To set a keyboard layout for each port on the GKMB01, follow the steps below:

1. From the keyboard, select a port on the GKMB01 by pressing ALT + F2 or ALT + F3.
2. Enable Keyboard Mapping, by pressing ALT + F5.
3. Change the keyboard layout to:

Keyboard Layout	Button Presses
QWERTY	1 then Enter
Mac	2 then Enter
iPad/iPhone	3 then Enter

Keyboard Mapping Tables

The keyboard mappings are listed on two tables. Select the one for the keyboard you are using: *PC Keyboard or Mac Keyboard*. Then use the *Layout* column to understand how the key will function when pressed under each keyboard layout (QWERTY, Mac or iOS).

PC Keyboard Mapping

PC Keyboard Key Functions	QWERTY (PC) Layout	Mac Layout	iOS Layout
CTRL	Control	Control	Control
ALT	Alt	Option	Option
Windows	Windows	Command	Command
ESC	ESC	ESC	Home / Siri
F1	F1	F1 / Brightness Down	Brightness Down
F2	F2	F2 / Brightness Up	Brightness Up
F3	F3	F3 / Expose	Spotlight Search
F4	F4	F4 / DashBoard	Photo Frame/ Screen Lock
F5	F5	F5	On-Screen Keyboard
F6	F6	F6	
F7	F7	F7 / Rewind	Rewind

F8	F8	F8 / Play/Pause	Play/Pause
F9	F9	F9 / Fast Forward	Fast Forward
F10	F10	F10 / Mute	Mute
F11	F11	F11 / Volume Down	Volume Down
F12	F12	F12 / Volume Up	Volume Up
Windows + E	Windows + E	CD Eject	
Delete	Delete	Delete Forward	Delete Forward
Print Screen/SysRq	Print Screen	F13	
Scroll Lock	Scroll Lock	F14	
End	End	End	
Page Up	Page Up	Page Up	
Page Down	Page Down	Page Down	
Backspace	Backspace	Delete Backward	Delete Backward
Enter	Enter	Return	Return
Insert	Insert	Fn	
Pause/Break	Pause/Break	F15	
Num Lock	Num Lock	Clear	

Mac Keyboard Mapping

Mac Keyboard Key Functions	QWERTY (PC) Layout	Mac Layout	iOS Layout
Control	Control	Control	Control
Option	Alt	Option	Option
Command	Windows	Command	Command
ESC	ESC	ESC	Home / Siri
F1 / Brightness Down	F1	F1 / Brightness Down	Brightness Down
F2 / Brightness Up	F2	F2 / Brightness Up	Brightness Up
F3 / Expose	F3	F3 / Expose	Spotlight Search
F4 / DashBoard	F4	F4 / DashBoard	Photo Frame/ Screen Lock
F5	F5	F5	On-Screen Keyboard
F6	F6	F6	
F7 / Rewind	F7	F7 / Rewind	Previous Track
F8 / Play/Pause	F8	F8 / Play/Pause	Play/Pause
F9 / Fast Forward	F9	F9 / Fast Forward	Next Track
F10 / Mute	F10	F10 / Mute	Mute
F11 / Volume Down	F11	F11 / Volume Down	Volume Down
F12 / Volume Up	F12	F12 / Volume Up	Volume Up

F13	Print Screen	F13	
F14	Scroll Lock	F14	
F15	Pause/Break	F15	
F16		F16	
F17		F17	
F18		F18	
F19		F19	
Return	Enter	Return	Return
CD Eject			
Delete Forward	Delete	Delete Forward	Delete Forward
Delete Backward	Backspace	Delete Backward	Delete Backward
Fn	Insert	Fn	
Home	Home	Home	
End	End	End	
Clear	Num Lock	Clear	
Page Up	Page Up	Page Up	
Page Down	Page Down	Page Down	

Clear Bluetooth Pairing

Clearing Bluetooth allows you to remove the current Bluetooth pairing and create a new one.

To clear a Bluetooth pairing, do the following:

1. From the USB keyboard, select the Bluetooth port you want to clear, by pressing ALT + F2 or ALT + F3.
2. Disconnect the Bluetooth pairing for the selected port, by pressing ALT + F6.
 - The blue LED will flash, indicating pairing is cleared and the GKMB01 is ready to establish a new pairing. To pair a new device see *Connecting Bluetooth*.

Bluetooth Disconnect

This hotkey disconnects Bluetooth but doesn't remove the device pairing. This allows you to disconnect and quickly reconnect the Bluetooth connection, as you come and go.

To disconnect Bluetooth:

1. From the USB keyboard, select the Bluetooth port you want to disconnect, by pressing ALT + F2 or ALT + F3.
2. Disconnect the Bluetooth connection for the selected port, by pressing ALT + F12.
 - The blue LED light will flash, indicating Bluetooth has disconnected.

To reconnect Bluetooth:

1. Select the GKMB01 port for your iPad/iPhone.
2. From the iPad/iPhone turn Bluetooth On.
3. Press any key on the USB keyboard (Bluetooth will automatically connect).

Default Reset

Resetting clears all settings on the GKMB01. To reset the GKMB01 back to the factory default configuration:

1. From the USB keyboard connected to the GKMB01, press:
2. All settings are now set back to the original factory default configuration.

Firmware Upgrade

To upgrade the GKMB01's firmware:

1. From the computer connected to the GKMB01, go to IOGEAR's product page:
<http://www.iogear.com/GKMB01/>
3. Go click *Firmware* for a list of available downloads.
4. Download the appropriate GKMB01 *Firmware Upgrade* package to your computer.
5. Unplug the USB mouse from the GKMB01, and plug it into the computer.
6. Enter the GKMB01's Firmware Upgrade Mode, by pressing and releasing [Alt] + [F8] together, then release and press [P], then press [Enter].
 - All three front panel LEDs will begin flashing to indicate the GKMB01 has entered Firmware Upgrade Mode.
7. Double click the GKMB01.exe Firmware Upgrade file and follow the installation instructions on the screen.
8. After the upgrade process is complete, unplug the GKMB01's USB cable from the PC, and then plug it back into the PC.
 - The firmware upgrade is complete.
9. Plug the mouse back into the GKMB01.
10. You will likely need to forget the GKMB01 on your Bluetooth device if it was previously paired, then add it again.

Safety Instructions

Read all of these instructions. Save them for future reference.

- Follow all warnings and instructions marked on the device.
- Do not place the device on any unstable surface (cart, stand, table, etc.). If the device falls, serious damage will result.
- Do not use the device near water.
- Do not place the device near, or over, radiators or heat registers.
- The device cabinet is provided with slots and openings to allow for adequate ventilation. To ensure reliable operation, and to protect against overheating, these openings must never be blocked or covered.
- The device should never be placed on a soft surface (bed, sofa, rug, etc.) as this will block its ventilation openings. Likewise, the device should not be placed in a built in enclosure unless adequate ventilation has been provided.
- Never spill liquid of any kind on the device.
- Unplug the device from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- The device should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- To prevent damage to your installation it is important that all devices are properly grounded.
- Do not allow anything to rest on the power cord or cables. Route the power cord and cables so that they cannot be stepped on or tripped over.
- To help protect your system from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or un-interruptible power supply (UPS).
- Position system cables and power cables carefully; Be sure that nothing rests on any cables.
- Never push objects of any kind into or through cabinet slots. They may touch dangerous voltage points or short out parts resulting in a risk of fire or electrical shock.
- Do not attempt to service the device yourself. Refer all servicing to qualified service personnel.
- If the following conditions occur, unplug the device from the wall outlet and bring it to qualified service personnel for repair.
- The power cord or plug has become damaged or frayed.
- Liquid has been spilled into the device.
- The device has been exposed to rain or water.
- The device has been dropped, or the cabinet has been damaged.

- The device exhibits a distinct change in performance, indicating a need for service.
- The device does not operate normally when the operating instructions are followed.
- Only adjust those controls that are covered in the operating instructions. Improper adjustment of other controls may result in damage that will require extensive work by a qualified technician to repair.

Specifications

PC / Bluetooth Connections:		1/2
Port Selection:		Hotkey
Connectors	Keyboard:	1 x USB Type A Female (White)
	Mouse:	1 x USB Type A Female (White)
Power Supply:		1 x USB Type A Male (White)
Cable Length	Computer:	1.8 m
Emulation	Keyboard:	USB / Bluetooth V2.1, Class 2
	Mouse:	USB / Bluetooth V2.1, Class 2
Power Consumption:		5v, W
Environment	Operating Temp:	0–50°C
	Storage Temp:	-20–60°C
	Humidity:	0–80% RH, Non-condensing
Properties	Weight:	112 g
	Dimensions:	(L x W x H) 92 x 78 x 24.55 mm

Federal Communications Commission (FCC) Statement

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 setting. This product generates, uses, and can radiate radio frequency energy and, if not installed and used as directed, it may cause harmful interference to radio communications. Although this product complies with the limits for a Class B digital device, there is no guarantee that interference will not occur in a particular installation.

RoHS Compliance

This device has been tested and confirmed to be RoHS compliant. SJ/T 11364-2006

Customer Service

Need help setting up this product? We're here to help you! Make sure to:

1. Visit www.iogear.com for more product information
2. Visit www.iogear.com/support for live help and product support

Limited Warranty

This product carries a 3 Year Limited Warranty. For the terms and conditions of this warranty, please go to <http://www.iogear.com/support/warranty>

Register online at <http://www.iogear.com/register>

Important Product Information

Product Model _____

Serial Number _____

Contact

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