

## 2.4GHz MCE Keyboard with Optical Trackball

### User Guide

Thank you for purchasing Scorpius-P20MT 2.4GHz MCE Keyboard with Optical Trackball. Please read this user guide to help you using this product easily. If you have any questions, please contact us at the website [www.ione.com.tw](http://www.ione.com.tw), [www.ione-usa.com](http://www.ione-usa.com) or [www.ione-europe.com](http://www.ione-europe.com).

### Introduction

Scorpius-P20MT is designed for long distance wireless operation on Windows XP Media Center Edition system. The modern fashion design of this MCE keyboard is a perfect input device for your Home Media Center. The trackball pointing device and left-right click buttons work like your mouse on this MCE keyboard, and you can conveniently control the cursor as desired.

Plug in Scorpius-P20MT's mini-receiver to your USB port and you can use this wireless combo without cable cluttering on your desk. The wireless operational range can reach up to 10 meters in open space depending on the radio interference in the environment. With 20 Media Center hotkeys design you can access most of the MCE functions with just one finger. This will save your time of roaming in the menu and easily to locate the media you would like to enjoy. It is suitable for relaxation in your living room at home.

Its two-way RF technology will automatically switch its 8 channels when it encountered radio band interference with other surrounded 2.4GHz devices such as another Scorpius-P20MT, Wi-Fi wireless LAN 802.11 a/b/g, Bluetooth, DECT digital telephone, etc. There is no need to worry about the RF interference between Scorpius-P20MT and other 2.4GHz devices.

The optical sensor of the trackball is equipped with low power consumption and 3-step smart power saving function. It will enter into rest mode when the trackball is not moving in 1 second to save the power consumption, and further enter into power-down mode after 5 minutes of rest mode for minimum power consumption. It will wake up instantly into normal mode when you press the left or right mouse-button on the keyboard.

For using in the USB environment of Windows 2000/XP/XP MCE/Vista  
Scorpius-P20MT does not require any driver. Just plug and play. However, the  
MCE hotkeys won't work, if you are operating under Windows 2000/XP system.

Once Scorpius-P20MT is in low battery status you can connect the charging cable to  
Scorpius-P20MT and mini receiver. The rechargeable batteries in Scorpius-P20MT  
will receive electrical power from the connected receiver cable. When you do so,  
please make sure you put rechargeable batteries into the battery holder of  
Scorpius-P20MT.

***DO NOT PUT REGULAR BATTERIES INSIDE THE Scorpius-P20MT WHILE  
YOU CONNECT Scorpius-P20MT AND MINI RECEIVER. IT COULD CAUSE  
BATTERY EXPLOSURE IF YOU DO SO.***

#### Feature

- Two-way 2.4GHz RF technology with 8 channels
- Wireless operational range can reach up to 10 meters in open space
- [Battery charging by USB cable](#)

#### Keyboard

- Compact size keyboard with highly polished surface
- 20 MCE hotkeys (4 compound MCE hotkeys) and 2 mouse buttons
- Laser engraved keys to avoid characters wearing out (for White version)
- High quality rubber membrane key switches to provide excellent tactile feeling
- 3 LED indicators (Transmitter, Battery Low, [Fn](#))

#### Trackball

- Built-in  $\phi$ 14mm optical trackball for precise cursor control.
- 1000 dpi optical resolution with motion detection up to 37 inches/sec
- Low power consumption on working mode
- 3-step smart power saving function with power-down mode

#### Package Contents:

1. 2.4GHz MCE Keyboard with optical trackball
2. Dongle Receiver
3. [Charging Connection Cable](#)
4. [2 x AA Batteries](#)
5. User Guide

#### System Requirements:

IBM or compatible PC system  
 Microsoft Windows XP Media Center Edition  
 Pentium IV 2.4G and above CPU is recommended  
 60G and above hard disk, 256M and above RAM  
 Microsoft Windows XP certified 64M DDR video card  
 Microsoft Windows XP certified MPEG 2 Decoder

#### Hardware Installation

- Step1: Insert **2 AA batteries** into the battery compartment of keyboard with correct polarity.
- Step2: Please refer to the +, - diagram inside the battery compartment.
- Step3: Turn on your computer and plug the dongle receiver into a USB port of your computer.
- Step4: Your computer will detect this USB device automatically.

Definition of LEDs:



Definition	Indicator	Description
<b>“Transmitter” LED</b>	Green	To indicate RF transmitting status.
<b>“Battery Low” LED</b>	Red	To indicate “Battery Low” status.
<b>“Fn” LED</b>	Green	Activation of “numerical keypad” function button

#### Key definition

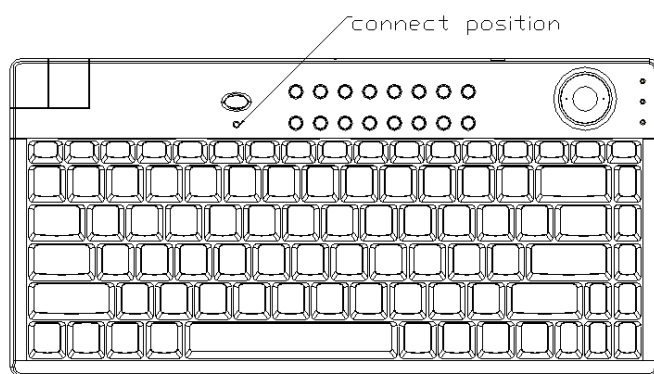
Compound Key of MCE (Press with “Shift” key)	
My TV	Go to My TV
My Videos	Go to My Videos
More info	Show information about current media or selected item
Start	Start Media Center or go to Start menu
My Music	Go to My Music
My Photos	Go to My Picture/Photos

Live TV	Switch to live TV if TV is not currently playing. If TV is paused, skip to live programming
Record TV	Go to recorded TV page
DVD Menu	Display the DVD menu
Guide	Go to electronic programming guide
Multimedia Key Block	
Play	Play the selected song, Album, Playlist, recorded TV or videos.
Pause	Pause the currently playing media. Press again to resume
Stop	Stop playing current media
Record	Record current TV show or program
Next track	For Album or Playlist, skip to next song. For recorded TV, skip ahead 29 sec. For DVD, play the next chapter.
Previous track	For Album or Playlist, play previous song. For recorded TV, go back 5 seconds. For DVD, play the previous chapter.
Forward	Speed up currently playing media
Rewind	Rewind currently playing media
Mute	Mute the sound. Press again to resume the sound
Volume up	Turn volume up
Volume down	Turn volume down
Right button	Same as right button of mouse. Please press it to wake up the optical trackball, if the trackball is in power-down mode
Left button	Same as left button of mouse. Please press it to wake up the optical trackball, if the trackball is in power-down mode

## ID Setting

The product has been pre-set in ID for radio frequency and the keyboard and dongle receiver are already paired. It is not necessary to do the ID setting when you use Scorpius-P20MT for the first time. However, in case it needs to re-set the connection ID, please follow the process below for the ID setting.

- Step 1: Plug the dongle receiver into your computer. For the best performance, please plug the dongle receiver into the front USB port of your computer, or use a USB extension cable to place the dongle receiver 20cm away from monitor, speaker, power supply, USB hub and other RF interference sources.
- Step 2: Press the connect button on the dongle receiver. The LED will start to blink.
- Step 3: Within 8 seconds, please press the connect button on the bottom of the Wireless Keyboard.



Step 4: The LED on the dongle receiver will blink very fast for 3 seconds. This means that ID setting is completed.

Note: If the Wireless Keyboard does not work properly, please go back to step 2.

Reminder: For optimal performance, please place the dongle receiver 20cm away from other RF interference devices such as computer monitors and speakers.

Now, Enjoy and Have a Fun!!!

#### TROUBLE SHOOTING GUIDE

Symptom	Remedy
Keyboard or cursor doesn't function at all	<ul style="list-style-type: none"> <li>• Make sure that batteries have sufficient power level.</li> <li>• Follow the steps of ID setting to connect wireless keyboard and receiver again.</li> </ul>
The LED on RF receiver or keyboard does not blink if you move the trackball or press keys on keyboard	<ul style="list-style-type: none"> <li>• Ensure computer is powered on and receiver is connected to the USB port of computer.</li> <li>• Make sure that batteries have sufficient power level.</li> <li>• Unplug the receiver and plug it in again.</li> <li>• Follow the steps of ID setting to connect wireless keyboard and receiver again.</li> <li>• Make sure the operation distance is within 10 meters.</li> </ul>
Keyboard or cursor doesn't function properly	<ul style="list-style-type: none"> <li>● If you press a key and the 'transmitter' LED on the keyboard does not blink, it could be ID lost or keyboard is beyond RF operation range.</li> <li>● Please reposition the keyboard until the LED resumes.</li> <li>● If the problem persists, please go to ID setting procedure to reset ID.</li> </ul>
Battery low RED LED is lighted	<ul style="list-style-type: none"> <li>● Use <i>the charging cable</i> to connect K/B and receiver for battery charging.</li> </ul>

	*It will not affect your operating during battery charging process.
For further Question	Please e-mail us at <a href="mailto:ione@ione.com.tw">ione@ione.com.tw</a> , <a href="mailto:support@ione-usa.com">support@ione-usa.com</a> or <a href="mailto:support@ione-europe.com">support@ione-europe.com</a>

## **WARNING**

Note: This equipment has been tested and found to comply with the limits for a

Class B device, pursuant to Part 15 of 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.

Notice:

Changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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.