



### 2.4GHz Cordless Keyboard with Fun Building Block 趣味積木& 2.4GHz 無線鍵盤

產品型號：IRK77R  
系列型號：IRK81R / IRK07R  
接收器型號：DG009 / DG010  
Quick Installation Guide

2.4GHz Cordless Keyboard	
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2.4GHz Cordless Keyboard	
Package Contents	
Cordless keyboard X1	Battery AAA X2
Nano dongle X1	User's Manual X1
Decorative plate X1	Brick plate X4 (Optional)
System Requirements	
Microsoft Windows system: Windows® 7, Windows® 8.1, Windows® 10.	
Available USB Port	
Features	
Easily exchangeable building blocks & decorative plate.	
Building block keyboard, designed with creativity and uniqueness in mind.	
Wireless connection works freely without restrictions of space, angle or distance.	
Multimedia shortcut key functions, easy and convenient.	
Nano receiver storage inside keyboard.	
Sealed, splash-resistant membrane structure for enhanced durability.	

2.4GHz Cordless Keyboard US 1-2	
Specifications	
Keyboard	
Interface : Cordless 2.4GHz	
Key number : 104 Keys (By language)	
Key type : Membrane switch	
Key travel : 4.0 mm	
Key force : 55±15g	
Num,Caps,Scroll lock, battery low LED indicator	
Effective distance : Approx. 10 M	
Battery power life : Approx. 12 months (4 hrs a day,5 day a week)	
Batteries : AAA x2	
Dimension : 455 (L) X 173 (W) X 27 (H) mm	
Weight (battery excluded) : Approx. 750 g	
Receiver	
Interface : USB	
Dimension : 18.0 (L) x 13.1 (W) x 5.7 (H) mm	

2.4GHz Cordless Keyboard US 1-3	
Hardware Installation	
1. Set up the Keyboard (Put provided batteries into keyboard's batteries housing)	
Remove the decorative plate carefully of the keyboard and make sure the 2 x AAA alkaline batteries on the battery side are installed correctly, replace decorator plate. (Please follow the polarity signs in the battery compartment.)	
2. Easy automatic cordless connection : Connect the USB nano receiver to your computer into your PC USB port, wait until automatic installation has completed.	
3. Ready to use.	

2.4GHz Cordless Keyboard US 1-4	
Product Information	
1. LED indication ① Num Lock LED indicators ② Caps Lock LED indicators ③ Scroll Lock LED indicators ④ Battery low indicators	
2. Multimedia Hotkey of Keyboard Press "Fn" and desired function key to make the effect. ① "Fn" + "F1" : Web/Home ② "Fn" + "F2" : E-mail ③ "Fn" + "F3" : Calculator ④ "Fn" + "F4" : Media Play ⑤ "Fn" + "F5" : Play/Pause	

2.4GHz Cordless Keyboard US 1-5	
① "Fn" + "F6" : Stop ② "Fn" + "F7" : Pre. Track ③ "Fn" + "F8" : Next Track ④ "Fn" + "F9" : Volume mute ⑤ "Fn" + "F10" : Volume down ⑥ "Fn" + "F11" : Volume up	

2.4GHz Cordless Keyboard US 1-6	
3.Exchangeable Building Block Platforms & Decorative Plate	
This product has a unique, exchangeable plate design. The keyboard comes with user-removable decorative plate, and it may be replaced with an optional set of building block platforms according to your preference. The building block platforms are compatible with generic building blocks on the market; you may purchase building blocks you want, and put them on the keyboard for a build of your own design.	
How to remove and assemble the brick plate and decorative plate : Remove : Pull up the decorative plate from marked position as the instruction depicted below. Assembling : Push up the decorative plate from marked position as the instruction depicted below.	

2.4GHz Cordless Keyboard US 1-7	
Troubleshooting	
What do I do if the cordless keyboard does not work ? Check the USB dongle receiver is connected to your computer's USB port. Make sure the batteries are correctly installed into your cordless keyboard. Please change batteries immediately when the cordless keyboard battery low indicator light up. Warning: Please remove batteries from your cordless keyboard when not using for a long period of time. Mouse will have reduced tracking performance on very shiny or transparent surfaces. Cordless performance - Metal object close to or in between the device. (Please remove objects.)	

2.4GHz Cordless Keyboard US 1-8	
Cordless ID Setting	
The cordless keyboard was already pairing OK before shipment. So the user does not need to do any pairing. Once need to re-pairing, please follow below steps to complete the necessary ID-Setting process for your cordless keyboard and USB dongle receiver. 1. Make sure the keyboard hardware installation is completed. 2. Unplug and Plug again the USB dongle receiver into your computer's USB port. 3. Waiting for the USB plug and play initialization completed. 4. For keyboard ID setting : Turn your cordless keyboard on and move your cordless keyboard and close to the USB dongle receiver within 15cm , then click and hold "Esc" key and remove and replace the battery to start ID setting process. (It will take about 4-8 seconds waiting time) 5. Ready to use 6. If the keyboard doesn't work properly, please remove the USB dongle receiver from computer's USB port, then repeat do step 2 to 4 step again.	

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2.4GHz Cordless Keyboard	
包裝內容	
無線鍵盤 X1 小型接收器 X1 裝飾板 X1 保護卡 X1 AAA 鹼性電池 X2 快速安裝手冊 X1 積木飾板 X4 (選配)	
系統需求	
微軟的視窗系統 Windows® 7 Windows® 8.1, Windows® 10. 可用的USB傳輸埠	
產品特色	
可輕鬆直接的裝飾板跟積木底座設計。 積木底座趣味設計，創造獨一無二性的鍵盤。 無線連接傳輸，不受空間角度及距離約束。 多樣體熱點，操作更加方便快速。 不占空間的Nano小型接收器設計，不用時可收納於鍵盤內，方便攜帶。	

2.4GHz Cordless Keyboard CH 2-2	
產品規格	
鍵盤 連接介面:無線2.4GHz 按鍵數量:104鍵 (依鍵盤語言有所不同) 按鍵型式:薄膜開關 按鍵行程:4.0 mm 按鍵重量:55±15g 傳輸距離:約10公尺 (技術理論值,在無任何障礙下) 電池電力壽命:約12個月 (每日4小時,一週5天計算) 按鍵敲擊壽命:二千萬次以上 電源:2 顆AAA 電池 (建議使用勁量或金頂鹼性長效電池) 產品尺寸:455 (L) X 173 (W) X 27 (H) mm 接收器 連接介面:USB 產品尺寸:20 (L) X 12 (W) X 5 (H) mm 額定電壓/電流:DC 5V / 50 mA以下	

2.4GHz Cordless Keyboard CH 2-3	
硬體安裝	
在您安裝電池時，請確認您所使用的是為新電池。為了電池壽命考量，建議您使用Energizer (勁量) 或者Duracell (金頂) 品牌鹼性電池。 1. 鍵盤安裝： 依下圖取下鍵盤正上方的裝飾板，置入電池 (2 x AAA)，並且確認電池的正、負極與電池盒內的標示方向相符。 裝回裝飾板。	
2. 輕鬆自動無線連接	
開啟電腦電源，然後將無線接收器的USB接頭插入電腦的USB連接埠。此時電腦會自動偵測到無線接收器並與上述的鍵盤進行連接。 3. 完成安裝可使用。	

2.4GHz Cordless Keyboard CH 2-4	
產品資訊	
1. LED 指示燈 ① 數字鎖指示燈 ② 大小寫指示燈 ③ 滾輪鎖指示燈 ④ 低電量指示燈	
同時按壓FN鍵與下列按鍵產生對應的快捷功能 ① "Fn" + "F1" : 開啟網路瀏覽器 ② "Fn" + "F2" : 開啟 E-Mail 軟體 ③ "Fn" + "F3" : 開啟電腦計算機 ④ "Fn" + "F4" : 多媒體喇叭 ⑤ "Fn" + "F5" : 播放/暫停 ⑥ "Fn" + "F6" : 停止播放	

2.4GHz Cordless Keyboard CH 2-5	
① "Fn" + "F7" : 回上一首 ② "Fn" + "F8" : 回下一首 ③ "Fn" + "F9" : 暫停/靜音 ④ "Fn" + "F10" : 調整音量大 ⑤ "Fn" + "F11" : 調整音量大	

2.4GHz Cordless Keyboard CH 2-6	
3.更換趣味飾板及積木底座 (選配:積木底座為選配產品)	
本產品提供了可互換裝飾板及積木底座的趣味設計。除產品本身的裝飾板外，另外提供一組積木飾板底座 (選配)，消費者可依喜好替換成精實、進行個性化的積木推疊設計，完成一台專屬的鍵盤。 飾板及積木底座拆裝示意圖如下： 拆卸飾板： 如下圖示自標示處將飾板向上拉起。 組裝飾板： 鍵盤上蓋處配有積木座，依序將4個積木底座組裝上即可(如下圖)。	

2.4GHz Cordless Keyboard CH 2-7	
疑難排解	
若無線鍵盤無法正常動作作任何疑問，請嘗試下面步驟說明： 重新插拔USB迷你無線接收器，並確認與電腦的USB連接埠正常連接。 確認電池的正負極是與電池盒內的標示方向相同。 注意只能使用鹼性電池。 當無線鍵盤的低電量指示燈紅燈亮起時，代表電源不足，請更換新的電池。 重新進行ID識別碼的設定。 確定電池的蓄電量是沒有問題，請勿將老舊電池或不同類型 (例如鎳鎘或鎳氫) 電池混合使用。 長時間不使用鍵盤裝置，請將電池取出。 無線產品使用時，若中間有金屬干擾源，將會影響無線接收距離。	

2.4GHz Cordless Keyboard CH 2-8	
ID辨識碼設定	
1. 確定鍵盤的電池已經完成安裝，且電池有電。 2. 將插於電腦的USB接收器重新插拔。 3. 重新插拔後，電腦會重新偵測到接收器。 4. 鍵盤設定程序： 將鍵盤移動靠近USB接收器，距離約15公分以內；然後按下鍵盤 "Esc" 鍵不放，同時將鍵盤的電池翻面或取出再換回，此時鍵盤會自行與接收器進行ID辨識碼的設定。(傳統ID設定過程需完成高4-8秒鐘的設定時間) 5. 完成ID設定可使用。 6. 如果鍵盤仍然無法正常運作，請將USB接收器從電腦的USB連接埠移出，然後再重複2到4安裝程序。	

2.4GHz Cordless Keyboard CH 2-9	
使用警語	
1. 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。 2. 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停止，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。 ※ 무선 키보드 / 마우스 사용 방법 1. 최초 사용시 (1) 우선 수신기를 PC의 USB 전원 포트에 연결 합니다. (2) 키보드를 마우스에 전원을 넣은후 파워스위치의 전원을 On 으로 전환 및 수신기의 LED 깜박거림을 확인 후 사용합니다. ※ 장시간 사용을 하지 않는 경우 절전을 위해 Deep Sleep 모드로 자동 전환되며, Deep Sleep 모드에서 Wake up 시 수신기와의 지연 연결 과정에서 약간의 Delay Time 이 생길 수 있습니다. 2. 키보드 / 마우스 수동세팅 방법 ( 시스템 환경에 따라 초기 세팅값이 해제될 경우의 수동세팅 ) (1) 키보드 또는 마우스 백면의 컨넥트 버튼을 누릅니다. (2) 연결이 완료되면 수신기의 LED 깜박거림을 확인 후 사용합니다. 3. 세팅 또는 제품사의 불응함이 발생시 당사 고객센터로 문의하십시오. 친절히 안내해 드리겠습니다. ※ 사용자 안내문 : 8급기기(가정용 방송통신기자재) 이 기기는 가정용 (의정·의료·산업기기 사용 가능) 에서 사용하셔도 좋을 목적으로 하며, 모든 지역에서 사용할 수 있습니다. 아이릭스 고객센터 : <a href="http://www.i-rocks.co.kr">www.i-rocks.co.kr</a>	

2.4GHz Cordless Keyboard CH 2-10	
Federal Communication Commission Interference 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 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 of the following measures: ①Reorient or relocate the receiving antenna. ②Increase the separation between the equipment and receiver. ③Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. ④Consult the dealer or an experienced radio/TV technician for help. FCC Caution: To assure continued compliance, (example -- use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. FCC Radiation Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. 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.	



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