

USER'S MANUAL OF WII Controller RF connector

CM3920

■ Product Description:

The Wii Controller RF Connector is adapt to the connection use of between Wii Remote Control and Nunchuk, This product actualized the connection via wireless and improved the distance of game. It can enhance your game feeling through the transfer of ISM Band 2.4 Wireless.

■ Specification Description:

RF Specification Description

1. 2.4GHz Multi Channel RF Mode

Using a 2.4 GHz Multi Channel RF (2402 ~ 2476MHz) transfer modules frequency-jumping mode.

2. Channel searching for the address automatically to complete one-on-one matching function.

when the connection between transmitter and receiver completed,

It will exchange data through frequency-hopping mode in 75 channel data exchange.

Dongle in Wii Nunchuk

1. Compatible with the Wii Nunchuk tie-in specification

Compatible with the corresponding function of Wii Nunchuk tie-in

2. Support a Comb button

- When the Dongle be in sleeping mode, press the Comb Key to wake up the Dongle, then access to the registration mode. Waiting for the connection with Remote.

- After the Dongle in the data transfer mode, press the Comb Key and keep 4 seconds, then Dongle enter into the registration mode, waiting for the connection with the un-registered Remote, if the connection has been lost in the 10 seconds, the Status LED will be off, the Dongle access to Sleeping Mode, Re-press the Comb Key within 10 seconds to establish the connection between Dongle and Remote.

3. Support a Status LED function

- **Link mode:** Status LED flash as the frequency 1Hz(On500mS Off500mS)

After complete the connection with Remote, then display the data transfer status.

If you turn the Remote off , the data transfer of Dongle will be disconnection and access to the link mode. The Status LED flash 10 seconds as the frequency 1Hz, if the connection has been lost in the 10 seconds, the Status LED will be off and Dongle access to Sleeping Mode.

● **Data transfer mode:** Status LED flash as frequency 1Hz(On 100ms Off 900ms)indicating the data link status.

● **Registration mode** : Status LED flash as frequency 2Hz

The Status LED is off when the Dongle un-link in the Sleep Mode ,press the Comb Key,the Status LED flash as the frequency 2Hz indicating the Dongle access to registration mode, if the connection with Remote has been lost in 10 seconds ,the Status LED will be off and the Dongle access to Sleeping Mode

After enter into the data mode, Press the Comb Key located on the Dongle and keep 4 seconds, When the Status LED flash as frequency 2Hz indicating the Dongle enter into the registration mode and waiting the new registration, if the connection with new Remote has been lost in the 10 seconds , the Dongle will enter into the Sleeping mode.

● **Low Power status:** The Status LED will begin to flash as frequency 4Hz indication

the voltage be in under 2.3V (2 battery); When the voltage down to 1.8V(2 battery), recommended that more replacement batteries to ensure that the products of normal function.

● If Wii Nunchuk un- insert to the end of Dongle,the Status LED will flash as frequency 5 Hz , when Dongle did not detect insertion Wii Nunchuk in 30 sec, Dongle will enter into sleeping mode.

4. When the Wii Nunchuk inserted to the Dongle, do not swing 3D-VR, this action can be ensure the WiiNunchuk to normal operation. If the Wii Nunchuk occur the abnormal status, plug WiiNunchuk to reset the action.

Remote in Wii Remote Control

1. Compatible with the Wii Remote Control connector specifications
Compatible with the corresponding function of Wii Remote Control

◆Support a Connect LED display

● **Connect line mode** : Connect LED flashes as frequency 1 Hz

Remote wait for a connection with the Dongle .

After the connection completed , then enter into the data transfer mode

When the disconnection between Remote and Dongle , Remote will enter into the connect line mode automatically, and wait for a connection with the Dongle.

● **Data transfer mode** :

1. When Dongle be in static, Connect LED On 100ms Off 900ms to show that the data connecting line status.
2. When a button output of the Dongle, Connect LED flashes quickly to show that the data connecting line status.

● **Registration mode:**

Remote access to the registration mode, Connect LED flashes as frequency 2 Hz and Start the registration with the new Dongle

■Connect line mode operation instruction:

If the Dongle be in sleep mode, press the Comb key to wake up, then Dongle access to registration mode, Status LED will flash as frequency 2 Hz to wait for the connection with Remote ,Remote and Dongle reset the identification ID and confirm the channel to complete the wireless connection, the Status LED located on the Remote flashes On 100msOff 900ms

● **Step 1 :** After press Comb Key to wake up the Dongle,, Dongle access to the registration mode, the Status LED will flash quickly as frequency 2 Hz

● **Step 2 :** When Remote access to the registration mode, the Connect LED will flash quickly as frequency 2 Hz

● **Step 3 :** Wireless Remote and Dongle re-set identification ID and confirm the channel to complete the connection.

■ Connect line status description:

- When Remote and Dongle be in connection status, if Dongle interrupted, the Connect LED located on the Remote access to the connect line mode, flash as frequency 1 Hz, then turn Dongle on or press the Comb Key to complete the connection with Remote
- When Remote and Dongle be in connection status, press Comb Key located on the Dongle and keep 4 sec, Dongle access to the registration mode ,the Status LED flash as frequency 2Hz and disconnect with the Remote , The Status LED flash as frequency 1 Hz indicating the Remote access to the connection mode.If the connection has been lost in 10 sec. The Dongle will access to the sleep mode.Repress the Comb Key return to the connection mode to complete the connection.
- Remote access to registration mode, Connect LED flashes as frequency 2 Hz, if more than two-Dongle Be in registration or connection mode, the connection between Remote and any Dongle will be completed randomly
- Dongle access to registration mode, Status LED flashes as frequency 2 Hz, if more than two-Remote Be in registration or connection mode, the connection between Dongle and any Remote will be completed randomly
- When Remote and Dongle be in connection status, plug the Remote, the Connect LED located on the Remote access to the connection status and flash as frequency 1 Hz, Status LED located on the Dongle access to the connection status, Status LED flashes as frequency 1 Hz, press the Comb Key located on the Dongle and keep 4 sec to the registration mode forcibly or press the Comb Key after Dongle access to the Sleep mode to awake Dongle to complete the connection with Remote . .

■ Technical parameters

Structure::

- 1、 **Receiver Dimensions:** (L) 83.8mm * (W) 42.0mm* (H) 65mm
- 2、 **Receiver Weight:** 60g
- 3、 **Transmitter Dimensions:** (L)43.25 mm*(W)35.6 mm *(H)31 mm
- 4、 **Transmitter Weight:** 14 g

Electronic:

- 1、 Dongle working voltage: DC 3V

Working current: 24mA

Standby Current: 130uA

- 2、 Remote working voltage: 3.3V

Working current: 17mA

3、 RF specifications description

1. 2.4GHz Multi Channel RF modules

Using a 2.4 GHz Multi Channel RF (2402 ~ 2476MHz) transfer modules frequency-jumping mode.

Channel searching for the address automatically to complete one-on-one matching function

Use addressing automatically, when the connection between transmitter and receiver completed,

It will exchange data through frequency-hopping mode in 75 channel data exchange.Address

■ Detection tool

- 1、 WII console+Remote+Nunchuk+Adaptor+AV cable+Gaming disc(support the function of Nunchuk) 1SET
- 2、 Color TV (AV) 1PCS
- 3、 AAA battery 2PCS

■ Detection requiremetn

- 1、 Set the WII console, WII remote control, a TV OK, and then put the products into the WII Nunchuck and remote (installing batteries)
- 2、 Operation per the function instruction.
- 3、 The effective detection distance should be more than 5 m。
- 4、 The connection between WII Nunchuck and Remote through wireless,the Nunchuck function should be ok 。

■ Warnings

- Read ,understand and follow all instruction,cautions and warning listed as follow ,please keep the record
 - Please follow the specification before use the product
- 1、 Keep away from the fire.
 - 2、 Keep the PSP 2000 cards not be lost。
 - 3、 Keep away from liquids to clean for fear scratch the surface and affect appearance.
 - 4、 Keep away from areas where direct sunlight/extreme temperatures or liquid/humidity can get into the Nunchuck Holder or

Receiver Module.

5、 Use dry delaine to clean the dirt and dust that in the appearance ,Keep away from use the cleaning fluid and other chemical solvents to prevent corrosion and damage to the product components.

Do not attempt to decomposition, demolition or modification this product, it may damage to the product, and fail to the product warranty.

If discard this product, please give the Recycle Bin to dispose

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■ Packing list

1、 WII RF receiver 1 SET

2、 Instruction 1PCS

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER' S AUTHORITY TO OPERATE THE EQUIPMENT.