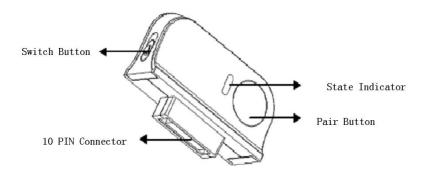# i110 User's Manual

1、 SPECIFICATION。

- Bluetooth Core: Bluetooth V1.2 compliant
- Bluetooth Profile: A2DP, AVRCP
- Operating Frequency: 2.4-2.4835GHz
- Security Features: 128-bit Encryption
- Transmitting Rate: 721Kbps (Max)
- Wireless Technology: FHSS
- Communication Distance: Class 2, up to 33ft (10m)

Brief Introduction of Functions.

i110 Bluetooth Dongle has two operating modes：TX and RX。It has a mode selection switch for shifting modes and a pairing button for operating pairing.

TX is transmitting mode. By Bluetooth, it can transmit the analog audio signals from acoustic mainframe to other Bluetooth receiving devices (e.g. Bluetooth stereo headset).

RX is receiving mode. It can receive stereo music from Bluetooth devices, which support A2DP profile (e. g. PC or Mobile phone supporting Bluetooth). Meanwhile, it can amplify and output the music through acoustic mainframe.

2、   States and Indicator

State	Blue LED	Red LED
Power off	Off	Off
Standby	flash slowly：flash 1 times every 5s	Off
Paring	Flash 1times in 100ms，then standby state after 3 minutes.	Flash 1times in100ms，then standby state after 3 minutes
Connecting	Flash 1times in100ms，then standby state after 10 seconds	Off
Connecting successful	Long On	Off

3、 Pairing button's operation

State	Standby	Pairing	Connecting	Connecting Successful
Short-press Pairing button	Connecting	Connecting	N/A	N/A
Long-press Pairing Button	Paring	N/A	Pairing	Pairing

Note : Short-Press is less than 1 second.

Long-press is 3 seconds.

4. TX Mode.

- Plug i110 to mainframe and make it electrified, it will come in default standby mode. Then the blue LED will flash slowly.
- Long press pairing button in pairing state, then pair and connect it with other Bluetooth stereo audio receiving devices (e.g., Bluetooth headset) until red and blue LED blinking alternately. The blue LED is keep on when paired and connected successfully.
- I110 will store the information of the last paired devices. Even if turned off or disconnected with Bluetooth devices, it needs no repairing when reconnected. Just use the following connecting functions, then it will be ok.

1) At standby state, short press i110 pairing button to connect the last paired device until blue LED flash. When connected, blue LED light on.

2) If Bluetooth stereo headset has paired with i110, when the headset is turned on, it will automatically connect i110.

3) If the Bluetooth stereo headset has no automatic connecting function, then press its Play/Pause key to perform its connecting function.

4) If Bluetooth headset is beyond its effective range, it will disconnect with i110. Then it needs reconnect. Make sure that the distance between i110 and headset is within effective communication range. Then short press i110's pairing button or Play/Pause button on Bluetooth headset to connect them.

- ill0 supports AVRCP profile. When plugged into mainframe, can use Bluetooth headset to remote control mainframe play. (Note: Because difference products have different software, it is natural that parts or all of their remote control functions maybe invalid)。

4、 RX Mode.

- Plug i110 to mainframe and make it electrified, it will come in default standby mode and begin to connect

with the last paired Bluetooth devices until the blue LED flashes quickly; if no connection happens after 10 seconds, it will come into standby mode.

- Long press pairing button in pairing state, then pair and connect it with other Bluetooth stereo transmitting devices (e.g., mobile phone and PC) until red and blue lights blinking alternately. The blue LED is long on when paired and connected successfully. Use Search for paring function on Bluetooth stereo transmitting devices to find i110 (device name: RX-I110), and enter code "0000" will start pairing and connecting. Then blue LED is long on when paired successfully.

- I110 will store the information of the last paired devices. Even if turned off or disconnected with Bluetooth stereo transmitting devices, it needs no pairing when reconnected. Just use the following connecting functions, then it will be ok.

  1）Plug 110 into acoustic mainframe and it will automatically connect the last paired devices. Then make sure that Bluetooth stereo transmitting devices are at a connective state.

  2）At standby state, short press i110 pairing button to connect the last paired device until blue LED flash quicky. When connected, blue LED is long on.

- ill0 supports AVRCP profile. Plug it into mainframe, and then the mainframe with remote control supports basic play functions of Bluetooth stereo transmitting devices（e.g. PLAY, PAUSE, STOP, SKIP UP, SKIP DOWN）.(Note: Because difference products have different software, it is natural that parts or all of their remote control functions maybe invalid)。

Note:
  1) Ill0 can only connect Bluetooth stereo devices with pin code "0000", not Bluetooth stereo device with other pin code.
  2) When ill0's red light is long on, it indicates that the internal program has error. Just pull i110 out of acoustic mainframe and plug it in again, and then it will be ok.

* Specifications and features are subject to change without notice.