

SUBJECT:	VERSION:	PAGE:
Product specification	A1	1 OF 5
	ORIGINATOR: <2014-3-22>	APPROVED BY: <DATE>

Product name: Bluetooth audio receiver

The product model:  i30

Rev.	The new version of the date of entry into force	Content (change of Narrative)
A1	2014.3.22	The new issue

## 1.0 Product Introduction:

Bluetooth audio receiver is a Bluetooth audio terminal receiving through line out output to the speaker in a device. Through it to traditional speaker gorgeous upgrades. Support Bluetooth speaker (compatible) all Bluetooth enabled mobile phone, PDA, PC and other equipment.

## 2.0 Appearance:



## 3.0 Product Basic Information

Name:	Bluetooth audio receiver
Model No:	I30
Bluetooth name:	According to the requirements of the order
Size:	L84 * W 84* H25
Weight:	g
Material:	ABS+ PC shell.
Button:	Pair bond
LED light:	The blue LED*1
Antenna:	The built-in antenna

Charge port:	Micro USB
Line in audio interface:	The 3.5 audio socket
	RCA left and right channel audio output interface
Storage:	64K EEPROM
Bluetooth version:	Bluetooth4.0
Distance:	<b>10 meters wide open spaces</b>
Accessories:	The 3.5 audio line 1, line 1 Micro USB charging

## 4.0 Hardware Spec Standard

Program:	CSE8630
Transmit power:	CLASS2, MAX4dbm
Receiver sensitivity:	-88dbm
Working frequency(HZ)	2.4GISM Band, 2.402-2.480GHZ
Modulate way:	GFSK
Rated operational voltage(V)	3.7V

## 5.0 Softward Spec Standard

HFP	1.6
HSP	1.2
AVRCP	1.4
A2DP	1.2

## 6.0 Using the interface definition

Power on	Products under the shutdown state, plug in the Micro USB charging cable, blue light flashing 3 times,
Pair connect:	The boot state, short press the pair bond blue light fastscintillation, the Bluetooth device with mobile phone search operation,
Volume adjust	Adjust the volume using a mobile phone

Play and pause	Using a mobile phone to control playback and pause
Last/next	Using a mobile phone to control the next song
Exit the pairing mode automatically	The paired status is not connected, 5 minutes automatically exit the pairing mode, no connection is instandby state
Manual shutdown	Boot, unplug the Micro USB charging cable,blue light.

## 7.0 LED light indicator LED

Power on	The blue lights flash 3 times
Power off	Blue light
Pair connect:	Blue light flash
Standby (not connect with mobile phone)	Blue light flashing 1 times every 5 seconds
standby (connect with mobile phone)	The blue light

## 8.0 Features Spec

RF character	
Frequency range:	2.402-2.480GHZ
Transmitted power	-2 ~ -4DB
carrier frequency offset	-40~40KHZ
Communication distance (M)	Is not less than 10M, the reverse is not less than 5M
Receiving sensitivity (DBM)	-80~-93DBM
received signal strength under 0.1% BER (bluetooth standard $\geq$ -20dBm) (DBM)	3DBM
Electrical characteristics	
Charge input voltage range:	4.2~5.5V
Charger minimum current:	200MA

## **FCC STATEMENT :**

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.

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

NOTE: 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 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.

## **RF warning statement:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.