CZH-10A 10w FM Transmitter User Manual

Date: 2010-11-4

Version   V1.0

Product Introduction:

CZH-10A is a stereo fm transmitter covering the entire FM band from 87~108mhz. The power

output is 0~10w, power adjustable from 0~10w by 99 steps. It is widely used in campus, community,

office and other public places, it is a perfect choice for the FM amateurs.

Outstanding Features:

l   Strong power output, maximum could reach over 10w.

l   Power adjustable, from 0~10w by 99steps.

l   PLL technology

l   pilot system for stereo coding

l   All touch mode buttons

l   Chinese/English, bilingual option

l   Aluminum casing

l   Excellent ventilating system

For operation instruction, please check more information below:

Accessories

Name	Quantity	Remark
CZH-10A fm transmitter	1	Regular accessory
Power adapter	1	Regular accessory
Audio cable	1	Regular accessory
FM antenna	1	Optional accessory
Antenna connector	1	Optional accessory
GP-1 antenna	1	Optional accessory
GP-2 antenna	1	Optional accessory
Vehicle mobile antenna	1	Optional accessory

CZH-10A

Introduction of ports:

1. Microphone Interface (3.5mm)   **2. R/L line input**   **3."+" UP**   **4."-" DOWN**

5. Menu(Also use as"POWER ON/OFF"and "YES" button)   **6. Power Input interface**

7.Antenna Interface (N base)

Installation:

l   Antenna should be fixed in an open and high place, make sure there is lightening protection.

l   Connect the antenna cable to port **#7** of the transmitter (antenna interface N base). Make sure the interface is well connected to the transmitter.

l   Insert the plug(DC 2.5mm) of power adapter to port **#6** of the transmitter(power interface)

l   Plug the 3.5mm audio cable to port#2 of the transmitter, the other end connecting audio

source.

I   Microphone Interface   If it's needed, you can choose MIC, the plug of which is 3.5mm the

same as audio cable. Plug it to Port#1. Attention: MIC could only be Electret MIC   which is

exactly the MIC used for online chatting, it doesn't support other mic such as moving coil type.

I   Installation DONE.

Switch ON/OFF the transmitter:

I   After installation of the ports, check it again, make sure everything is ok, then connect the

power. Attention: Before switching on the machine, make sure the antenna is connected to

the transmitter. If it's possible, please test the antenna standing wave, choose a frequency

point with the smallest VSWR, then don't adjust the frequency randomly, because the

antenna could be seriously affected by the change of frequency, which will cause big stand

waves. The power amplifier tube could be burned because of this.

I   After switching on the transmitter, LCD shows "systems boosting", wait for 2 seconds until you

heard "Di" sound, this means the self-check of the system is done. LCD then shows "system

standby". Now press power button #5, the system will go into working mode. See picture

below:

FREQ:108.0MHz
VOLU:79 Pout:99

I   Switching ON the transmitter-DONE.

I   Press button #5, system will go to the Power OFF interface. LCD shows "system standby".

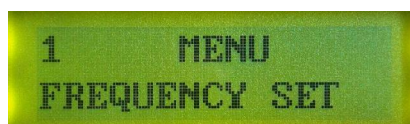## Menu setting:

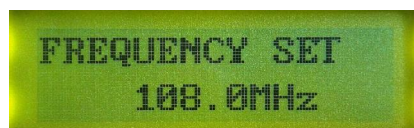| No	Name	Description
1	Frequency Setting	Frequency range 87~108MHz
2	Volume setting	Adjust the external audio volume, to ensure the transmitter in the best status of modulation frequency. 0~79 steps adjustable.
3	MIC setting	Adjust the volume of external MIC, to ensure the transmitter in the best status of modulation deviation. 0~79 steps adjustable.
4	Power setting	Set the output power, 0~10w adjustable by 99 steps.
5	Language setting	Optional: Chinese, English
6	Exit	Exit to home screen

Parameter setting:

I   Frequency setting:

Press button #5 for 2 seconds, system goes into menu setting. Press #1 or #2 to enter the

setting page:

Press #5 to confirm, see picture below:

Press #1 or #2 to set the working frequency, then press #5 to confirm. Exit to the menu page,
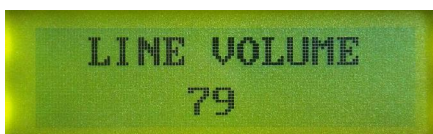
frequency setting finished.

I   Volume setting:

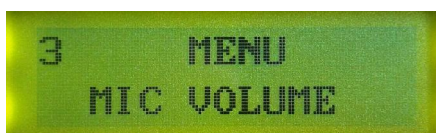In the menu setting page, press #1 or #2 to the options:

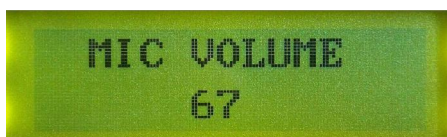Press #5 to confirm, see picture below:

Press #1 or #2 to set the volume, then press #5 to confirm. Exit to menu page, volume setting

finished.

I   MIC setting:

In Menu page, press #1 or #2 to Menu option 3:

Press #5 to confirm, see picture below:

Press #1 or #2 to set the volume, then press #5 to confirm. Exit to menu page, MIC volume

setting finished.

I   Output RF power setting:

    In the menu page, press #1 or #2 to Menu option 4: