

USER S GUIDE for 1.2W

— . Fm transmitter Features:

1. FM transmitter is a professional grade low power FM transmitter operating in the commercial FM band (88.1 - 107.9MHz).
2. Create an organization/government radio station.
3. Listen to audio from your computer speakers and transmit audio at the same time using included port splitter cable adapter.
4. Works with standard FM receivers
5. Input option: Stereo 1/4-F audio input connector
Hi-Fi Stereo audio quality
6. Adjustable input level with over modulation indicator

— . Electrical parameters

Working voltage: DC 12V

Operating current: < 0.2A ;

Transmitting frequency : 88 . 1 ~ 107.9MHz

Transmit power: 1 . 2W

Modulation mode: FM

Frequency deviation: +/-75KHz

Harmonic radiation: <-60dB

Pre-emphasis: 75us;

Degrees of separation: 40dB;

Input level: -13dBV;

Applied microphone: electrets microphone

RF Output:1.2W

Working temperature:0~55



1. LNEM IC volume adjustm ent (2PCS)
2. AUD IO NPUT
3. POW ER
4. Buttons to adjust the frequency. (2PCS)
5. MIC NPUT
6. LCD Disp lay

7. Power input Jack

8. RCA audio input(Left/right)

9. Antenna socket

三 . Operating instructions

- 1) Connect supplied coax cable/antenna to the antenna Socket 
(DO NOT operate transmitter without antenna connected, otherwise there will be damage to the transmitter)
- 2) Connect the 12V power supply to  When the power supply is connected, the screen  will show "OFF". Press power button  to turn on the Digital Transmitter. The screen will show the default radio frequency channel (For example, 100.0MHz).
- 3) Connect audio source using supplied 3.5mm audio cable. Connect one end to audio input jack 
- 4) You may transmit audio from a microphone by connecting a stereo plug-type microphone to the microphone input jack 
- 5) Open the power 
- 6) Adjust the volume in  (left/right) until you feel satisfied with the output effect.(NOTE: If volume level from the source device is too high, the output from radio will sound distorted)
- 7) Set transmitting frequency (Radio frequency channels adjustment range is(88.1MHz -107.9MHz), use the frequency setting buttons  to adjust the frequency by 0.1MHz step. When interference occurs, the music from radio will sound unclear. In this case, please switch to different channels by adjusting frequency again until to

satisfactory channel.

III . M atters need ing attention

- 1 .W hen used , the antenna should be completely pulled out.
- 2 .Aud io cab le must be used shielded cab le.
- 3 .Power supp ly adapter selects the output DC vo ltag e is as clean as possible , in case to interference the transm itter.
- 4 .Avo id working in extre m e tem peratures or hum id environment.
- 5 .M achines should be put in the open environment, for good fir ing resu lts.
- 6 .Ad just the vo lum e to moderate , the sound doesn't sound too small, also cann' t be caused by excessive mod u lat ion distortion .
- 7 .Local FM rad io frequencies should be avo ided .