

USER S G U D E for 1 2W

一 . 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

二 . Electrical parameters

Working voltage:DC 12V

Operating current:<0.2A ;

Transmitting frequency : 88 . 1 ~ 107.9MHz

Transmit power: 1 . 2 W

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. LINE MIC volume adjustment (2PCS)
2. AUDIO INPUT
3. POWER
4. Buttons to adjust the frequency. (2PCS)
5. MIC INPUT
6. LCD Display

7. Power input Jack




8. RCA audio input(Left/right)


9. Antenna socket


≡ . 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)

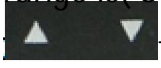
2) Connect the 12V power supply to  When the power supply is connected, the screen  will show "OFF". Press power button  to turn on the Digital Transmitter. The screen will show the default radio frequency channel (For example, 100.0MHz).

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.

三 . M a t t e r s n e e d i n g a t t e n t i o n

- 1 . W h e n u s e d , t h e a n t e n n a s h o u l d b e c o m p l e t e l y p u l l e d o u t .
- 2 . A u d i o c a b l e m u s t b e u s e d s h i e l d e d c a b l e .
- 3 . P o w e r s u p p l y a d a p t e r s e l e c t s t h e o u t p u t D C v o l t a g e i s a s c l e a n a s p o s s i b l e , i n c a s e t o i n t e r f e r e n c e t h e t r a n s m i t t e r .
- 4 . A v o i d w o r k i n g i n e x t r e m e t e m p e r a t u r e s o r h u m i d e n v i r o n m e n t .
- 5 . M a c h i n e s s h o u l d b e p u t i n t h e o p e n e n v i r o n m e n t , f o r g o o d f i r i n g r e s u l t s .
- 6 . A d j u s t t h e v o l u m e t o m o d e r a t e , t h e s o u n d d o e s n ' t s o u n d t o o s m a l l , a l s o c a n n ' t b e c a u s e d b y e x c e s s i v e m o d u l a t i o n d i s t o r t i o n .
- 7 . L o c a l F M r a d i o f r e q u e n c i e s s h o u l d b e a v o i d e d .