

2.4 GHz Wireless Digital Audio Sender

8CH Selectable, Auto-Scan
Model:DAS-200



Introduction

Internet Radio, on-line MP3 concert and internet audio programs are popular these days. In order to enjoy this kind of entertainment or program, user need to hook their computer to internet and listen the audio from multimedia speaker! If you want to listen to this kind of audio everywhere you need to take you notebook or PC to the place you want to go!

DAS-200 can provide you a different experience of listening. With state of art RF and digital processing technology, and with 8 CH selectable bands, it can provide crystal clear audio to your audio amplifier.

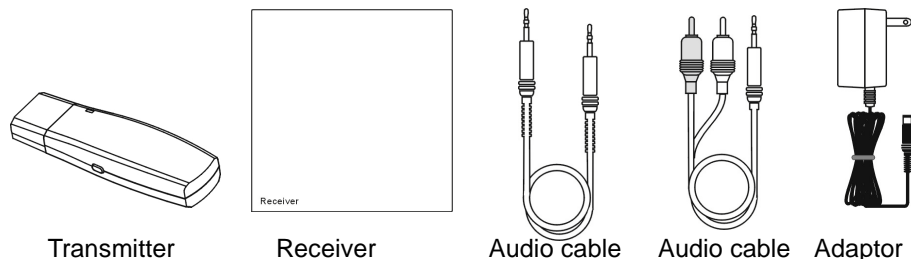
Feature

- 2.4GHz
- 8 CH selectable channels
- Auto Scan channel ---Receiver
- 1 Tx to 1 Rx or 1 to many Rx
- FEC coding
- last channel recall

Package of content

Before your installation, please check the content of package

- Transmitter(Tx) X1
- Receiver(Rx) X1
- AC/DC Adaptor X1
- 3.5 mm to 3.5 mm stereo audio cable X1
- 3.5 mm to RCA R L audio cable X1

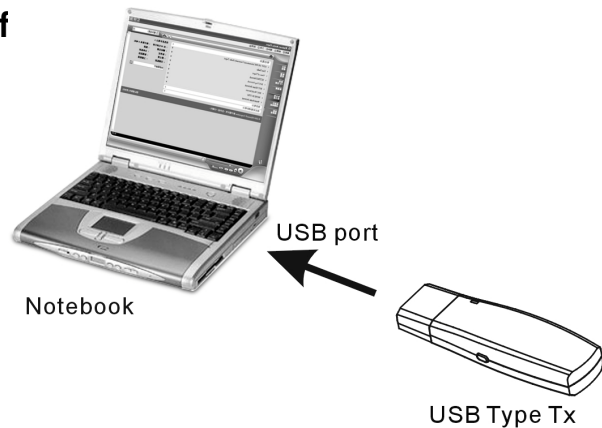


Installation

TX

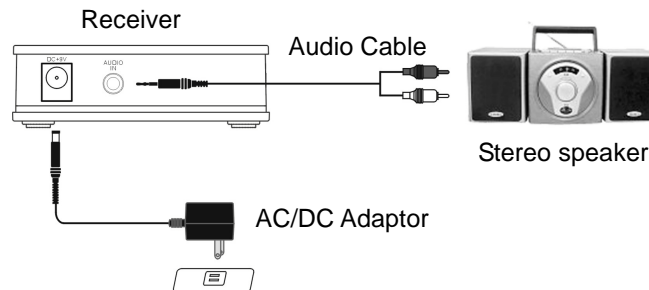
- Listen to the internet radio or MP3 files on Computer.

DAS-200 Transmitter is used as an external speaker of your PC or Notebook, the audio from PC will transmit by 2.4GHz signal to Receiver.



RX

Connect 3.5mm to RCA RL audio cables, 3.5mm end to the audio output on the back panel of DAS-200 Rx, RCA RL to the audio input of your audio amplifier. Connect the barrel end of AC/DC adaptor to the DC input of the back panel of DAS-200, AC end to your AC outlet.



Operation

- Step 1.** Please check the power is ok in either Tx (the blue-ray LED will light on when Plug into USB port) or Rx.
- Step 2.** Push the button on the Tx (as figure 1) to select desired channel (the Receiver can auto scan the channel that Tx has).
- Step 3.** Turn on the audio amplifier at the Rx site to check the audio quality, if there is some interference occurred, the sound will have some zigzag and buzz. At this time, you need to choose another channel as Step 2 to make sure that the audio quality is crystal clear.
- Step 4:** open your mind to enjoy.



figure 1

Safety

Indoor use only
 Clean with dry and soft cloth
 No serviceable part for customer

Digital Audio Sender Specifications

| Model NO. | Transmitter (R/L) | Receiver |
|-----------------------------------|--|---|
| Description | Transmitter | Receiver |
| Supply voltage | 5VDC via USB port | AC120V, 60Hz DC 9V,200mA |
| Current consumption | 100 mA (Typical) | 130 mA (Typical) |
| Operating temperatures | -10 ~ +60 (degrees Celsius) | -10 ~ +60 (degrees Celsius) |
| Frequency range | 2400 ~ 2483.5 MHz | 2400 ~ 2483.5 MHz |
| Modulation | FSK (Modulation Index 0.5) | |
| Channel number | 8 | 8 |
| Channel spacing | 9 MHz | 9 MHz |
| Channel frequency | 2410, 2419 ~ 2473 MHz | 2410, 2419~ 2473 MHz |
| Frequency stability | ±100 KHz | ±100 KHz |
| TX Power | +10 dBm for CE (Typical), +10 dBm for FCC (Typical) | |
| Input impedance | >10K Ohm | |
| Input level | 4Vp-p (Max) | |
| RX Sensitivity | | -85 dBm (Min.) |
| Adjacent channel rejection | | >45dB @ +/-5MHz offset the central frequency |
| Image rejection | | >25dB @ the image frequency |
| Output impedance | | < 1KOhm |
| Output level | | 3.4Vp-p (Max) |
| Response | 20 ~ 20 KHz, -2dB(Max) | |
| Dynamic range | 45dB (Min) | |
| Separation | 45dB (Min) | |
| SN ratio | 45dB (Min) | |
| THD | 0.6% (Min) | |

FCC INFORMATION

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

The 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 instruction, may cause harmful interference to radio communication. However, there is no grantee 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.

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

NOTE: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.