



## MDC Electronics GT-01 5.8G Audio Transceiver User Manual

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**User Manual**  
**5.8G Audio Transceiver**  
**(Stereo transceiver, including 2.4G**  
**Bluetooth Receiver)**  
**MAW103GT01**

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## GT-01 5.8G Audio Transceiver

### Note:

The Company reserves the right to modify the physical packaging of products and related documents without notifying the readers of this manual

## Introduction

### Dear Customer:

#### Hello!

Thank you very much for purchasing our products. To achieve the best results and ensure the safety of the product, please read this manual carefully before connecting, operating, and commissioning the product. Please keep this manual for future reference.

This 5.8G audio transceiver can connect DVD player, Smart box, PC, Nintendo Switch and other audio devices to amplification devices (Active speaker, AV power amplifier, etc.) through 5.8G, and can also wireless connect the audio signal of smart devices such as mobile phones with your amplification devices through 2.4G Bluetooth, making your audio and video equipment more convenient and comfortable to use.

## Product Introduction

### Product Features:

The device is equipped with indicator light, which is convenient to know the working status of the device

#### Transmitter:

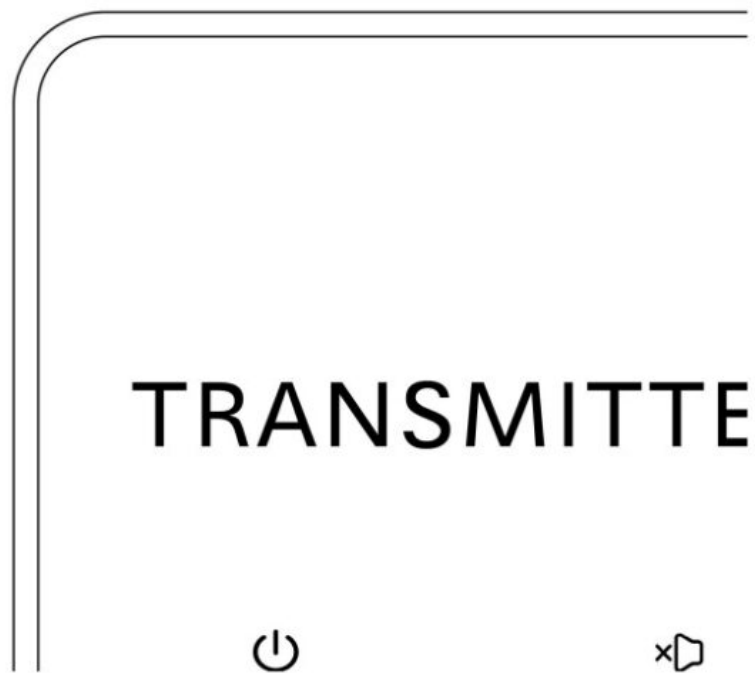
- ◆ One RCA Stereo Analog Audio Input
- ◆ One 3.5mm Stereo Analog Audio Input
- ◆ One 2.4G Bluetooth Stereo Audio Input

#### Receiver:

- ◆ One RCA Stereo Analog Audio Output
- ◆ One 3.5mm Stereo Analog Audio Headphone Output

### Transmitter:

#### Figure 1.0 Upper Panel Schematic



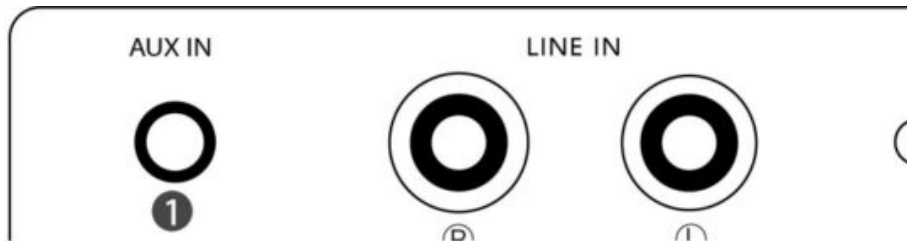
1. Power Button: Long press (at least 3sec) to turn on/off
2. Wireless Indicator Light: Red light means 5.8GHz not connected, Blue light means 5.8GHz connected
3. Audio Indicator Light: Red light means LINEIN or AUXIN Audio or Bluetooth not connected. Blue light means Bluetooth connected
4. Mute Button: Short press: mute (③ indicator light turn off)

**Figure 1.1 Front Panel Schematic**



① ② 5.8GHz/2.4GHz Dual-Frequency Antenna

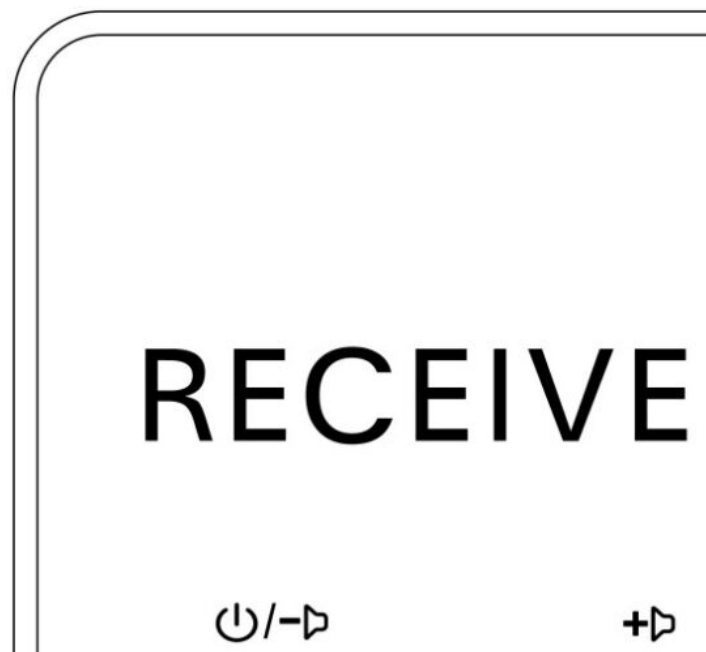
**Figure 1.2 Rear Panel Schematic**



1. 3.5mm Aux Input Port
2. RCA Line In Right Channel
3. RCA Line In Left Channel
4. DC+5V Power Supply Input Port

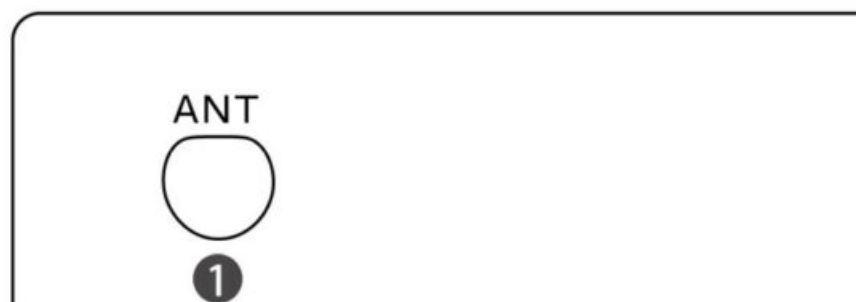
**Receiver:**

**Figure 1.3 Upper Panel Schematic**



1. Power/Volume – Button: Long press (at least 3sec) to turn on/off, Short Press: Volume –
2. Wireless Indicator Light: Red light means 5.8GHz not connected, Blue light means 5.8GHz connected
3. Volume Indicator Light: Red light: maximum volume(15 level), light Off: minimum volume(0 level), Blue light: between maximum and minimum volume
4. Volume + Button: Short press: Volume +

**Figure 1.4 Front Panel Schematic**



1. 5.8GHz/2.4GHz Dual-Frequency Antenna

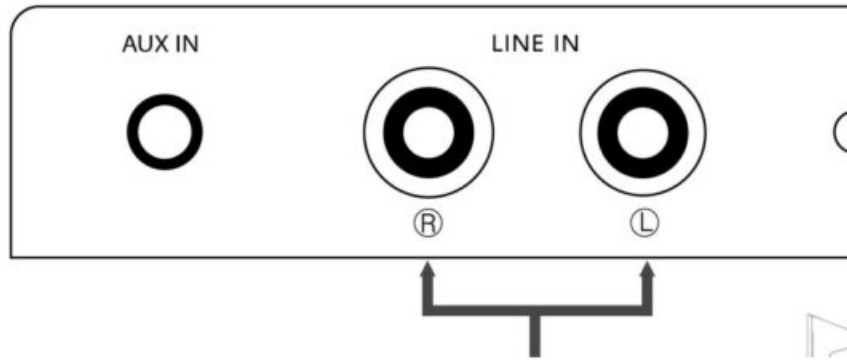
**Figure 1.5 Rear Panel Schematic**



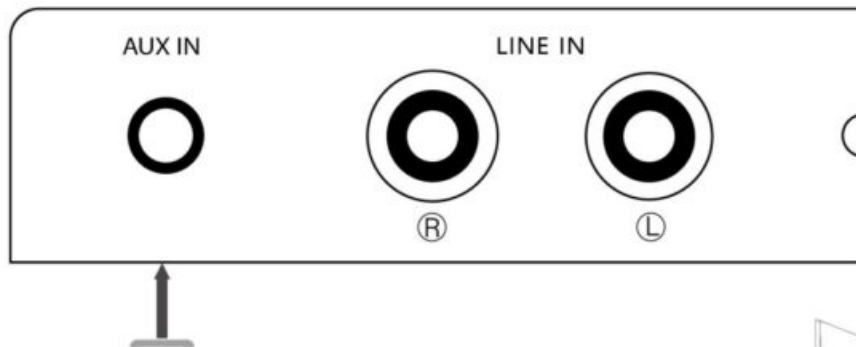
1. 3.5mm Headphone Output Port
2. RCA Line Output Right Channel
3. RCA Line Output Left Channel
4. DC+5V Power Supply Input Port

**Wiring diagram and use steps:**

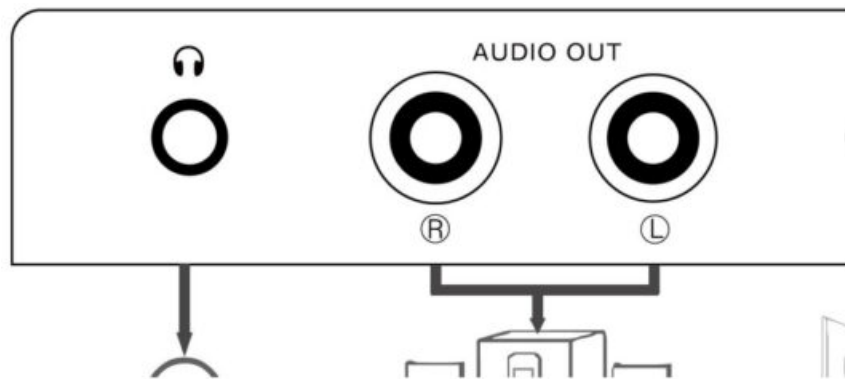
**Figure 1.6 Transmitting LINE IN Input Wiring Diagram**



**Figure 1.7 Transmitting AUX IN Input Wiring Diagram**



**Figure 1.8 Receiving Wiring Diagram**



### **Installation Instructions:**

1. After opening the package, install the 5.8GHz/2.4GHz dual-frequency antenna at the transmitter and receiver equipment, please make sure to tighten the antenna and ensure normal contact.
2. The wiring of the transmitter equipment is shown in Fig.1.6 and Fig.1.7, it is not recommended to input AUX IN audio and LINE IN audio at the same time. Inputting at the same time will mix the output to the receiver equipment.
3. The wiring of the receiver equipment is shown in Fig. 1.8.
4. Insert the original USB cable provided in the package into the 5V adapter, then insert it into the DC+5V port of the transmitter and receiver equipment. Check whether the corresponding LED on the device is lit normally to ensure power supply.
5. The transmitter and receiver will automatically enter the working state after powering on, and the 5.8G blue light will turn on when they are connected. At this time, the receiver can receive the audio data from the transmitter.

### **2.4G Bluetooth Operating Instructions:**

1. After turning on the transmitter, use your phone to search for a Bluetooth device named GT01 then pairing

2. The blue light of transmitter will turn on when the phone connected, At this time, Bluetooth sound can be transmitted to the receiver device through the transmitting device;
3. When the Bluetooth is disconnected,the red light will turn on. At this time, the audio input from LINE IN or AUX 3.5mm will be transmitted to the receiver.

### Pairing Operation Instructions:

When the device is working normally, Lone press both buttons on the panel at the same time for more than 3S. until red and blue indicator lights flash alternately, then release the buttons. The device will enter the pairing mode. Pair the transmitter and receiver into pairing mode.(The transmitter device and the receiver device are bound one to one by the factory, please keep them properly. If you lose them, you need to buy and pair them again)

### Product Specifications:

5.8G Frequency Range .....	5725~5850MHz
5.8G Wireless Latency .....	18mS
Signal to Noise Ratio.....	>90dB
Audio Frequency Range.....	20Hz~20KHZ
Maximum Operating Current.....	200mA
Dimension .....	93.5x70x20(mm)
Weight.....	79g

### Note:

Please use and maintain the product properly to ensure its performance and normal operation:

1. Avoid exposure to humidity, high temperature, dusty, corrosive and oxidizing gas environments to prevent damage.
2. All parts should be avoided from strong vibrations, and should not be bumped, struck, or dropped, to prevent damage.
3. Do not touch the power adapter plug of the machine with hands.
4. When pulling out the adapter plug from the power socket, please hold the plug, do not pull the power cord.
5. Turn off the power when the machine is not in use (please unplug the power adapter plug when it is not in use for a long time).
6. Do not open the cover of the machine, do not touch any components inside the machine.
7. Must use the power cord provided by the manufacturer or approved by the manufacturer.

Before powering on, carefully check the connection wires to see if they are normal, and make sure that all interfaces are properly connected. Common fault judgment and handling methods are as follows:

Number	Fault phenomenon	Reason and solution
1	No Power	1. Check if the power cord is connected correctly 2. Reconnect the power cord end of the USB interface with the adapter again to confirm.
2	No Sound	1. Confirm whether the audio device is working. 2. Check if the connection wire is in good condition 3. Reconnect audio cable. 4. Confirm whether the device connection is correct, if it cannot be connected, you can try pairing, and whether the receiver's sound level is too low. 5. Check whether the device light works properly. 6. Check whether the transmitter is in mute mode.
3	Short Range	1. Confirm whether the antenna is properly installed. You can try loosening it and reinstalling it. 2. Confirm whether there are any obstructions. You can place the device in a relatively clean and open environment to confirm.

## Product Quality Statement

The company guarantees the quality of its products and ensures that they are free from defects in raw materials and production processes.

If the product cannot be used normally due to such defects and the buyer notifies the company within one year from the date of shipment, the company reserves the right, based on actual circumstances, to decide whether to repair or replace the problematic product.

The company shall not bear any responsibility for problems caused by mechanical, electrical, misuse of the product, or unauthorized repair.

If the repaired product meets the repair conditions, the repairer shall pay the relevant repair fees according to the then-current market price of the product parts and the market value of the repair personnel.

This product quality statement may include any other public or non-public quality guarantees, unlimited liability quality guarantees, non-public quality guarantees applicable to any purpose, or any sales and suitability guarantees. All of these guarantees may be publicly refused by the company.

1. To enjoy the rights of the quality guarantee, the beneficiary shall provide proof of purchase.
2. Customers outside of China shall bear the postage and transportation costs of the products.
3. The shelf life of the cable is 30 days, and it should be avoided from any scratches, markings, and kept in good coil.

The information contained in this manual has been carefully verified and is believed to be accurate. The company shall not be liable for any risks or losses arising from the possible errors contained in this manual. In any case, the company shall not be liable for direct, indirect, special, incidental or consequential losses arising from errors or omissions in this manual, even if such losses are foreseeable. The company reserves the right to make changes to the contents of this manual without prior notice to the manual readers.

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.

Any 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.

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



## Documents / Resources

 <p>The image shows the cover of a user manual. At the top, it says 'User Manual'. Below that, it reads '5.8G Audio Transceiver (Stereo Transceiver, including 2.4G Bluetooth Receiver)'. The model number 'MAW103GT01' is listed. There is a small image of the device, which is a black rectangular unit with two antennas. At the bottom, there is a small note: 'Note: This product must be used with the MDC 5.8G Audio Transceiver and its accessories only.'</p>	<p><a href="#">MDC Electronics GT-01 5.8G Audio Transceiver [pdf] User Manual</a> GT-01 5.8G Audio Transceiver, GT-01, 5.8G Audio Transceiver, Audio Transceiver, Transceiver</p>
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## References

- [User Manual](#)

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