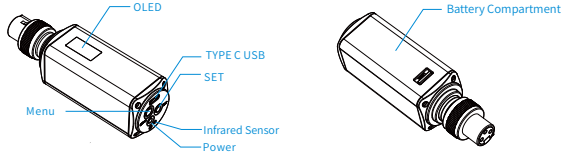


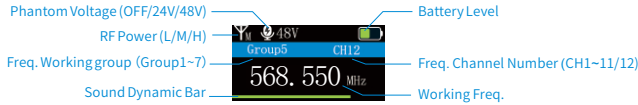
Plug-in Transmitter (DTT228-P)

Product Instructions



Operation Instructions

1. Main Interface

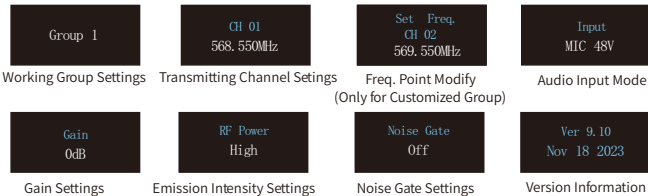


2. Status Query Interface (Short press SET button)



3. Setting Interface

Short press the MENU key to enter the setting interface, and the menu circulates in the following order. Press the SET button to modify.



4. Wireless Channel Management Logic

This device follows the "Group - Channel - Frequency" logic.

Group: The system has several channel groups (base on different region and firmware), and of 12 channels for each group.

CH (wireless channel): Each channel is bound to a wireless frequency point, and the wireless frequency points under the same group are recommended, which can avoid "intermodulation interference" effectively.

Frequency: can be changed by selecting a different CH (except for last group).

Customized Group: The last group is customized group, and frequency points of this group can be manually changed.

The transmitter and receiver must be set to the same Group and CH for work.

5. Automatic Pairing

Long press the MENU key between the transmitter and receiver to enter the mode; Align the receiver's "Infrared Transmitter" with the transmitter's "Infrared Receiver" to complete the pairing.

Once the function is enabled, the receiver will scan, automatically switch to the cleanest freq. point in the group, and then complete the action. If you need to set a specific frequency point, you must do it manually.

6. Operating instructions

- Settings: Press the "Settings" button on the main interface to switch in order, and press the "Status" button to modify the settings.
- Frequency settings : Only appear in the customized group(Last Group), hand -set any frequency point.
- Input: LINE has no illusion voltage, 24V/48V open the illusion power supply.
- GAIN: audio signal gain.
- RF Power: Provide three high, middle and low transmitting power gears.
- Noise Gate: can improve noise foundation filtering, off / on.

Performance Parameters

Communication mode	UHF band radio digital communication
Modulation	PSK
Band	510~608
RF Output	<10dBm
Distance	50~100M (related to Rx type and signal absorption, reflection, interference, and selection)
Freq. Response	<3.5dB (20Hz~20KHz)
S/N	>123dB
T.H.D	<0.03% (@1KHz)
Time Delay	4.17ms
Antenna	Built-in FPC antenna
Endurance	18650 Li-Battery >10h(@48V) / >14h(@24V) / >18h AA Battery: >3h(@48V) / >5h(@24V) / >6h
Power Supply	18650Li-Battery x1 / 14500Li-Battery x2 / AA Battery x2 (Hybrid Power Supply)
Weight/Size	88g, (Without Battery) / 124mm*34mm*34mm

References

1. If no signal output with the condenser microphone, please check whether the phantom power supply is selected.
2. The low-quality Li battery be adopted, its will interfere with the performance.
3. When multiple sets of devices are used simultaneously, must care the issue of intermodulation interference.
4. Some brands of MIC can interfere with poor signal shielding, and can try to the XLR extend tube to solution.
5. If multiple sets of devices are working simultaneously, different groups and frequency points must be set between each group, and intermodulation interference frequency points must be avoided in order to operate normally. Otherwise, interference will occur.

Warning

- ⚠ Please use a qualified battery! If the battery is abnormal, stop the equipment immediately to avoid danger and damage!
- ⚠ Avoid the equipment for a long time, or work at high temperature environment, avoid decline in performance, and even cause damage!

Plug-in Transmitter (DTT228-P)

FCC Warning

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;
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.