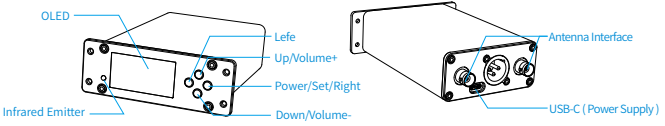


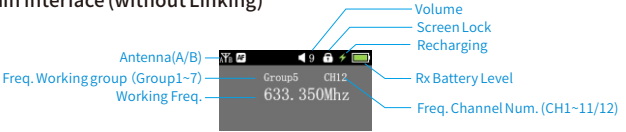
Digital Audio UHF Wireless System Rack Receiver Manual (DTT228-1R)

Product Instructions



Operation Instructions

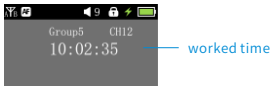
1. Main interface (without Linking)



2. Main interface (with Linking)



3. Status interface (short press SET key)



4. Setting Interface

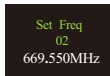
Short press the red keys of the panel to enter, the menu will be circulated in the following order, and the short press panel button modify.



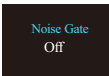
Working Group Settings



Transmitting Channel Settings



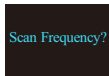
Freq. Point Modify (Only for Group7)



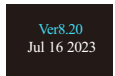
Noise Gate Setting



Power Supply for Ex-Antenna



Scan Frequency?



Version Information

5. Wireless Channel Management Logic

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

Group: The system has 7 channel groups, 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 only be changed by selecting a different CH (except for Group 7).

Group 7: The frequency points of this group can be manually changed.

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

6. Automatic Pairing

Long press the SET 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.

7. Operating instructions

- Power on: Long press the "Red" key, start the device.
- Settings: Press the "Red" key on the panel to switch in order, and press the "UP/DOWN" key to modify the settings.
- Frequency settings : Only appear in group7, hand -set any frequency point.
- Volume : Output volume: 1~9
- Noise Gate: can improve noise foundation filtering, off / on.
- Antenna Power: Power on an external antenna through the BNC interface, 9V150ma OFF / on.
- Scan Freq: Scan all the signal strength of all the frequency points under the group, press the SET key, and turn the page. As shown in the figure

Display "CH01 -51DB", that is, CH1 channel signal strength -51DB. The lower the value, the less interference, which is suitable for use. For example: -77DB is better than -51db. If it is greater than -50DB, it is recommended not to use the frequency point.

CH01	668.350 MHz	-51dB
CH02	672.550 MHz	-77dB
CH03	678.350 MHz	-81dB
CH04	682.550 MHz	-42dB
CH03	688.350 MHz	-68dB
CH04	692.350 MHz	-73dB

Performance Parameters

Communication mode	UHF band radio digital communication
Modulation	Pi/4 DQPSK
Band	510~590Mhz & 668 ~ 698MHz (Varies depending on region)
RF Output	<18dBm
Distance	>100M (related to signal absorption, reflection, interference, and selection)
Freq. Response	<3dB (20Hz~20KHz)
S/N	>123dB
T.H.D	<0.03% (@1KHz)
Time Delay	4.17 ms
Antenna	500MHz * 2 / 600MHz * 2
Endurance	>20h
Power Supply	18650 Li Battery (3.7V) * 2
Weight/Size	330g / 136mm*100mm*35mm

References

1. When multiple sets of devices are used simultaneously, must care the issue of inter modulation interference.
2. If multiple sets of devices are working simultaneously, different groups and frequency points must be set between each group, and inter modulation interference frequency points must be avoided in order to operate normally. Otherwise, interference will occur.

Warning

- ❗ Avoid the equipment for a long time, or work at high temperature environment, avoid decline in performance, and even cause damage!
- ❗ If the tone is in the working state of the illusion voltage, it may burn the device directly into the receiver!