WIRELESS IN-EAR MONITORING SYSTEM

Due to the continuous improvement of the product, parameters are subject to change without notice.
The picture may be slightly different from the real one, so the real one shall prevail.

Professional Wireless Stage Monitoring System

OPERATION MANUAL

INTRODUCTION

Wireless Personal monitoring system unmatched sound quality, stable radio frequency performance and leading in the class of setup functions, to meet the requirements of most of the most demanding professional monitoring applications High frequency wireless back listening transmitter, high quality back listening. The use of superb circuit technology, all-round no dead Angle reception, so that the received signal is more stable, you can operate and switch the preset 10 groups of frequency excellent and reliable technology, to help you perform more excellent and successful.

The TFT-S4 is a wireless stereo Fanny pack receiver that works with a listening system. With 24-bit digital audio performance for clear sound quality and an effective 50-meter operating range, the TFT-S4 enables reliable wireless freedom of performance, covering every corner of the stage.

MAIN FUNCTION

- Reliable 24-bit digital audio processing to create superior personal monitoring mixing for each performance.
- One audio channel is sent to a waist pack receiver at a distance of up to 50 meters, while digital audio technology reliably ensures clear sound quality with neither noise nor signal loss.
- Rugged half-rack transmitter with simple front panel control.
- Full-color TFT display, wide viewing Angle, high clarity, all working conditions at a glance
- The rear panel balances inputs and loop outputs to provide full connectivity to the audio source and other units.

SYSTEM COMPONENT

Power source x1

Transmitter x1

3.5 to 6.5 Converter head x1

3.5 RPM dual 6.35 audio cable x1

Fanny pack receiver

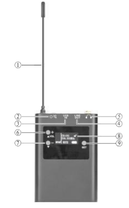
Headphones (optional)

TRANSMITTER DIAGRAM

1. Switch on/off button
2. Connect the 6.35mm jack for the earphone
3. Volume knob
4. Function setting knob button
   Press the Settings knob: Select Save Settings and return to the main screen
   Rotate the Settings knob to change the value of a menu item
5. TFT display

1. Power socket
   Used for external DC power supply 12V-1A
2. Wired microphone gain key
3. Audio input (left/right)
   For connecting balanced or unbalanced outputs, any connector can be used for mono inputs acceptable 1/4 inch or plug XLR connector 4. Loop output (left/right)
   The audio signal sent to the transmitter can be copied to other devices
5. BNC port for the antenna

RECEIVER DIAGRAM



1. Antenna
2. On/Off button (single press mute)
3. Type-C charging port
4. 3.5VM1 input port
5. 3.5 Headphone jack
6. Volume plus
7. Volume reduction
8. OLCD display
9. Function key (single press to select function)

TRANSMITTER DISPLAY OVERVIEW AND OPERATION

1. Channel display
   * Short press the function setting button, the channel will display the blue state to enter the channel setting, rotate the knob to select the channel (there are 01-10 channels), press the setting knob to confirm and exit the option, and display the currently selected channel.

2. Channel display
   * Short press the function setting button, the channel will display blue state to enter the channel setting, rotate the knob to select the channel (single channel, stereo), press the setting knob to confirm and exit the option, and the currently selected channel will be displayed.

3. Select high/low transmit power
   * Short press the function setting button, the power display blue state to enter the power setting, rotate the knob to select the power (high, low), press the setting button to confirm and exit the option, the current selection is displayed.

4. Gain display
   * Short press the function setting button, the gain will be displayed in blue to enter the gain setting, rotate the knob to select the gain (high and low), press the setting knob to confirm and exit the option, and the current selection will be displayed.

5. Lock
   * Long press the set knob key to lock the transmitter, and long press the set knob key again to unlock. Press the setting button, rotate the knob to select (on, off) Press the setting knob to confirm and exit the option, and the current selection is displayed.

6. Input level display
   * PEAK light on indicates that the input level is too high

TECHNICAL PARAMETER

Transmitter

Frequency range	530-595MHz
Audio input	Max input +18dBu
Power supply	12-15 V DC
Consumption	15V 300 mA
Transmitted power	10mW~50mW (optional)

Receive

Frequency range	530-595MHz
Receiving sensitivity	-95dBm
The battery	Lithium battery 4.2V
Frequency response	20-20,000 Hz
Audio output power	100mW (1kHz @< 1% distortion, peak power,@16)
Consumption	200 mA

System

Distortion	< 0.1%
Signal-to-noise ratio	100dB
Frequency range	530-595MHz
Bandwidth	2MHz
Dynamic range	100dB
Audio sampling	24 bit/192 kHz
Launch system	Digital modulation
Audio response time	< 5 ms
Audio coding	Digital coding
Frequency response	20-20,000 Hz
Service distance	50 meters

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: 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.

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

Radiation Exposure Statement
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 and your body.