

# **USER'S GUIDE**

**PLUG-IN UHF WIRELESS AUDIO-LINK  
TRANSMITTER MODULE**

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

**IMPORTANT NOTE:** To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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.

# Operating Manual for Transmitter Module TX-701

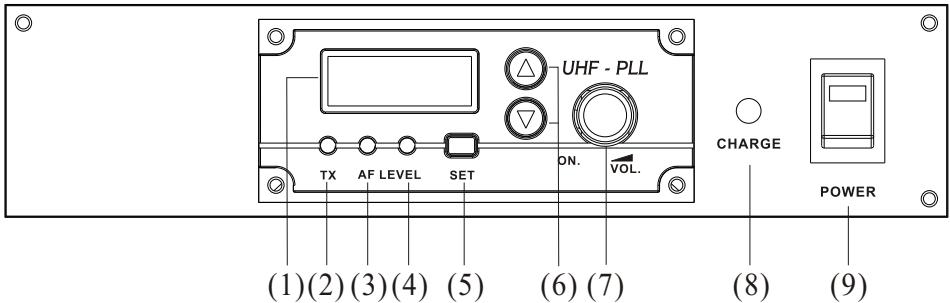
## Simple Introduction

Thank you for purchasing this plug-in UHF wireless Audio-Link transmitter module TX-701. With up to 96 preprogrammed selectable frequencies, this module could perfectly perform without any external disturbance. Besides, with LCD display, this module could be operated and used easily. This manual includes the complete functions and operations of the wireless transmitter module. Please read this manual carefully in order to operate and use this system to its fullest potential.



## Description of Functions

1. LCD display
2. TX audio indicator
3. Low audio level indicator
4. High audio level indicator
5. Setting enter
6. Up/ Down selector
7. Power switch and volume control
8. Charging LED for PA system
9. Power switch for PA system



## Installation and Operation

- a. Turn the power switch **(7)** clockwise to turn on the transmitter.
- b. The LCD display **(1)** will show On and then the channel used before turning off last time.
- c. To select the channel, press the set button **(5)** and the channel in LCD flash. Press up or down button **(6)** to select the channel to transmit, and then press set button again to enter the setting.

- d. Turn the volume control **(7)** to the proper position.
- e. When transmitting the signals, the TX indicator **(2)** will light Green to show the transmitting condition. The AF Level indicator lights Yellow **(3)** to show the low audio, lights Red **(4)** to show the high audio.

## **Maintenance**

### **Avoid Excessive Heat**

Don't leave transmitter or receiver in hot sun, on a radiator, or near other sources of high temperature.

### **Avoid Rough Handling**

Transmitter and receiver may be damaged if dropped.



## Specifications

◦ <b>RF output</b>	10mW or 30mW (according to regulation)
◦ <b>Spurious emission</b>	Less than 250 nW
◦ <b>Display status</b>	LCD indicator displays channel or frequency
◦ <b>Channel select</b>	SET, UP, DOWN key
◦ <b>Antenna</b>	Built-in or external
◦ <b>Dimensions ( L * W * H )</b>	88 * 64 * 24 mm
◦ <b>Weight</b>	170 g
◦ <b>Oscillation type</b>	PLL synthesized control OSC
◦ <b>Carrier frequency range</b>	Group 1. 640 ~ 664 MHz (96 ch.) Group 2. 740 ~ 752 MHz (96 ch.) Group 3. 794 ~ 806 MHz (96 ch.) Group 4. 863 ~ 865 MHz (16 ch.)
◦ <b>Adjustable frequency</b>	Pre-programmed max. 96 switchable channels
◦ <b>Switching bandwidth</b>	Max. 12 MHz
◦ <b>Ambient temperature</b>	-10 °C ~ 50 °C
◦ <b>Maximum deviation</b>	50 kHz, with level limiting
◦ <b>Dynamic range</b>	110 dB
◦ <b>Pre/De- emphasis</b>	50 $\mu$ s
◦ <b>Squelch</b>	Tone key and noise lock dual-squelch
◦ <b>Frequency response</b>	70 Hz ~ 16 kHz (wireless)
◦ <b>Operating range</b>	50 ~ 70 M (open field) with built-in antenna