

TG-98STX Stationary Transmitter

Thank you for choosing the JTS wireless system. In order to obtain the best efficiency from the system, you are recommended to take a few minutes to read this instruction manual carefully.

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TG-98STX Stationary Transmitter

1. Important Cautions

- Make all connections before plugging the unit into an AC power outlet.
- Do not leave the devices in a place with high temperature or high humidity.
- Do not handle the power cord with wet hands.
- Keep the devices away from fire and heat sources.

2. Introduction

- This stationary transmitter TG-98STX provides an option for fixed installation to the TG-98RA. It can expand coverage of the wireless system by using antenna booster, directional antenna and antenna combiner.
- TG-98STX preset 6 groups each of up to 23 channels.

3. Specification

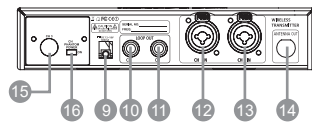
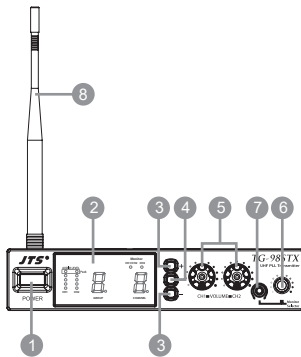
TG-98STX

Carrier Frequency Range	502 ~ 960MHz
RF Output Power	Hi / Low
Nominal Frequency Deviation (modulation)	± 40KHz
Audio Input Impedance	20KΩ
Nominal Input Level	-20 DBV
Maximal Input Level	0 dBV
LED Display	AF Level, Channel
Audio Input Connector	2 x Balanced XLR / Ø6.3mm Combo input CH.1 Ø6.3mm Combo input CH.2
Output Monitor Connector	1 x Ø3.5mm stereo phone jack
Loop Out Connector	2 x Ø6.3mm Balanced Loop Out Connector
Operation Voltage	12-18 VDC, 450 mA
Dimension (m / m)	212mm(W)* 44mm(H)*239mm(D)
Channel	6 groups each of up to 23 channels

4. Parts Identification & Accessories

TG-98STX

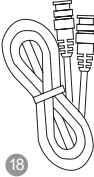
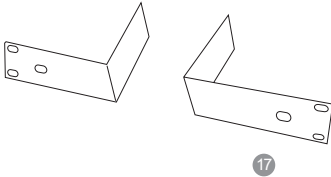
- ① Power On / Off switch
- ② LED Display
- ③ Channel / Group Selector
- ④ Set button
- ⑤ Volume control
- ⑥ Monitor volume control
- ⑦ Ø3.5mm Stereo Phone Jack
- ⑧ Antenna
- ⑨ DC input (12~18V 450mA)
- ⑩ Balanced Loop Out Connector CH.1
- ⑪ Balanced Loop Out Connector CH.2
- ⑫ Balanced XLR/Ø6.3mm Combo Input / CH.1
- ⑬ Balanced XLR/Ø6.3mm Combo Input / CH.2
- ⑭ BNC Antenna Output Socket
- ⑮ Monitor input (mono Ø6.3mm phone jack)
- ⑯ Input CH1 48V phantom power switch



TG-98STX

Optional Accessories

- 17 RM-901 Rack Mount Kit
- 18 RTF-1 Antenna Extension Cable



5. Preparing procedures & basic operation

TG-98STX

(1) Connect the main unit

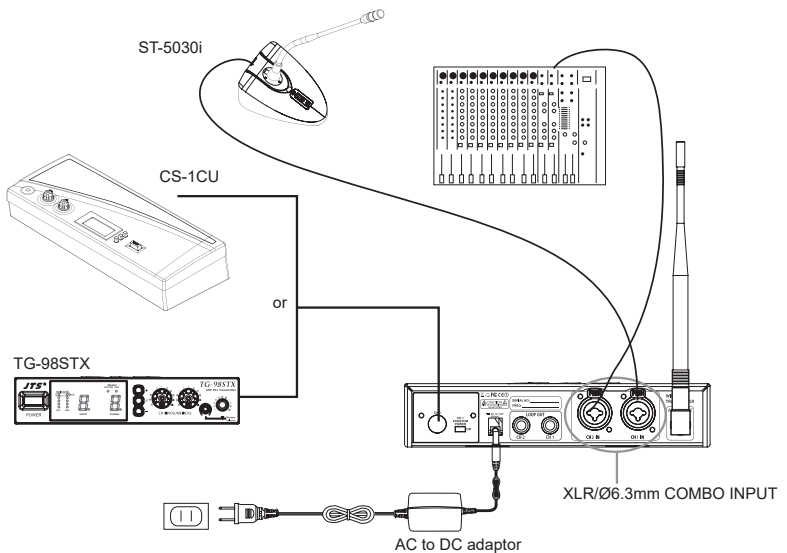
Connect the DC INPUT in the rear panel of TG-98STX to an AC to DC adaptor.

(2) Basic operation

1. Connect the mixer output to the XLR / Ø6.3mm combo CH1 input at the rear panel of TG-98STX with AF input cable.
2. Connect the gooseneck mic and gooseneck mic base at the XLR / Ø6.3mm combo CH2 input at the rear panel of TG-98STX with AF input cable.
3. Connect the TG-98STX or CS-1CU at the Ø6.3mm mono CH3 input at the rear panel of TG-98STX with AF cable as a source for interpretation.

NOTE 1:

Two balanced XLR / Ø6.3mm combo inputs are provided. You may use either one input or both for a stereo source. Also, two balanced Ø6.3mm loop out connectors are provided for multiple systems application.

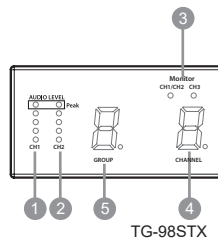


NOTE 2:

CH3 is an input signal only for monitoring through monitor headphone and will not be transmitted.

(3) LCD Display

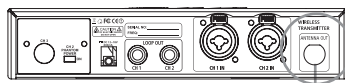
- 1 AF Level of CH1
- 2 AF Level of CH2
- 3 Monitor channel display
- 4 Channel display
- 5 Group



TG-98STX

(4) Attach the antenna

The user-friendly antenna comes with BNC connector. Connect the antenna on the rear of the transmitter and align it upward.



ANTENNA OUT

(5) Power On / Off

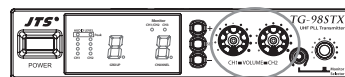
Turn on or turn off the transmitter by pressing the "POWER" button.



POWER

(6) Volume

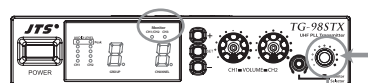
Adjust the volume to a proper level.



CH1/CH2 VOLUME

(7) Monitor Volume

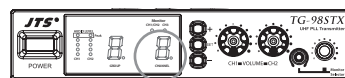
Adjust the monitor volume to a proper level. Note that by pushing Monitor Volume user can choose CH1 / CH2 or CH3 to listen.



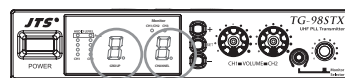
MONITOR

(8) Select channel

1. Press "set" button for about 3 second and then "." starts flashing on the panel.
2. Press "+" or "-" button to increase or decrease the channel /Group number.
3. Press "set" button again to store the channel / Group.



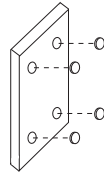
CHANNEL



Group CHANNEL

(9) Set the rubber pad

Four self-adhesive rubber pads are provided to ensure the stability. They are to be placed on the bottom of the transmitter.

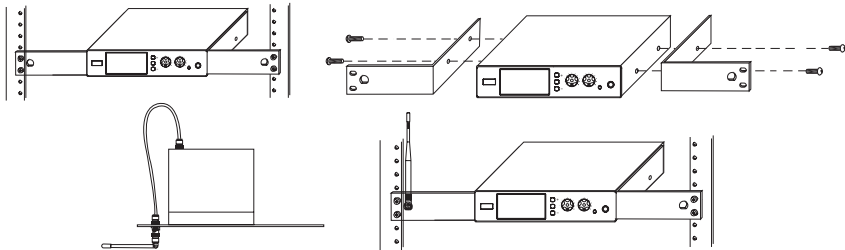


(10) RTF-1 Antenna Extension Cable (Optional)

Antenna extension cable enables front mounting antenna which benefits the RF efficiency.

(11) RM-901 Rack Mount Kit (Optional)

Rack mount kit is available to install the half rack transmitter into a standard EIA rack.

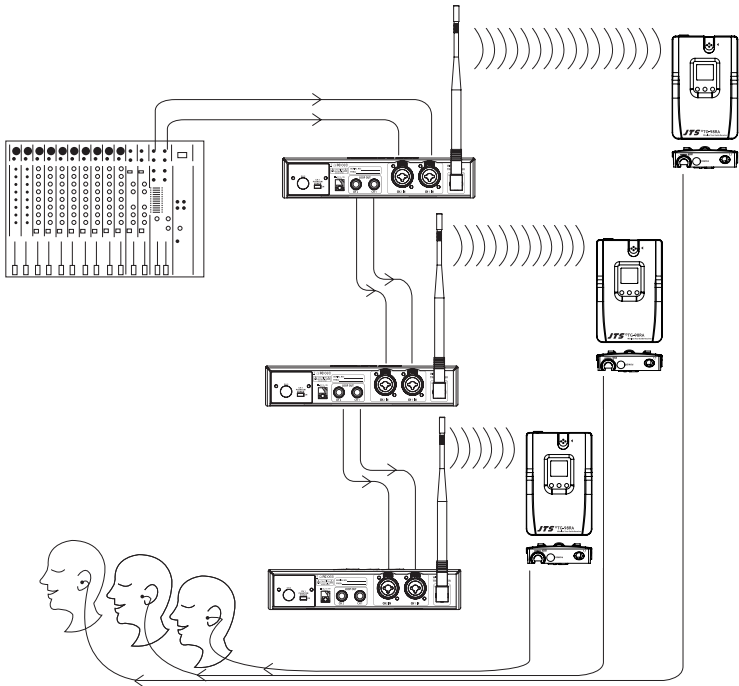


6. Loop Out Application

Multiple Systems

Make use of the loop out connectors to deliver one signal from the mixer to multiple TG-98STX or other devices.

1. Connect the mixer outputs to inputs of the first transmitter.
2. Connect loop out connectors of the first transmitter to the second one.
3. Connect subsequent systems in the same way.



JTS[®]

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