

Users Manual

LICENSING REQUIREMENTS

This equipment complies with Part 74 of the FCC Rules.

A license is required for operation subjective device will be issued only to the following:

- (1) A licensed of an AM, FM, TV or international broadcast station or low power TV station. Low power auxiliary stations will be licensed for used with a specific broadcast or low power TV station or combination of stations licensed to the same licensee within the same community.
- (2) A broadcast network entity.
- (3) A cable television system operator who operates a cable system that produces program material for origination or access cablecasting as defined in §76.5(r).
- (4) Motion picture producers as defined in §74.801.
- (5) Television program producers as defined in §74.801.
- (6) Licensees an conditional licensees of stations in the Multipoint Distribution service and Multichannel Multipoint Distribution Service as defined in §21.2 of this chapter, or entities that hold an executed lease agreement with an MDS or MMDS licensee or conditional licensee or with an Instructional Television Fixed service licensee or permitted.

CAUTION:

Any changes of modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.

The FCC requires that the following statement be included in this manual:

This device complies with FCC radiation exposure limits as set forth for an uncontrolled environment. This device should be installed and operated so that its antenna(s) are not co-located or operating in conjunction with any other antenna or transmitter.

1. Important Cautions

1. Always make all connections before plugging the unit into an AC power outlet.
2. Do not leave the devices in a place neither with high temperature nor high humid.
3. Always do not handle the power cord with wet hands!
4. Keep the devices away from fire, and heat sources.

2. Features:

- * Operated in UHF band where there is less RF interference than the UHF band.
- * Equipped with a SAW filter can benefit to reducing spurious RF content.
- * Pre-set 16 UHF selectable-channels.
- * Including balanced XLR output and unbalanced 1/4" output.
- * Integrated antenna of the handheld transmitter benefits less hindrance for performer.
- * Built-in noise mute and squelch circuit mode can validly resist extraneous noise.
- * Body-pack transmitter is available to work together with a lavalier mic. or headset mic.
- * Space-saving half-rack housing design.

3. Specification

3-1 Overall system

Frequency: 174.1-205.6MHz

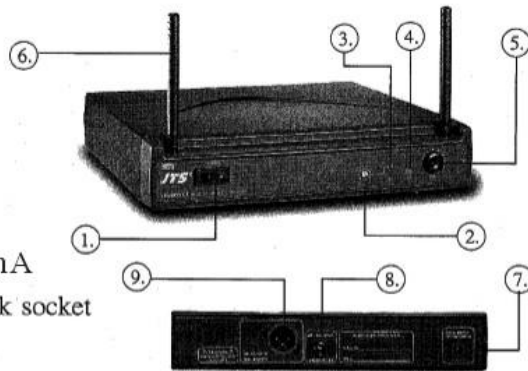
Modulation Mode: FM

Audio Frequency Response: 50Hz-15KHz \pm 3dB

4. Parts Identification & Accessories

4-1 Receiver

- ①. Power On/Off
- ②. Channel Selector
- ③. RF indicator
- ④. AF indicator
- ⑤. Volume control
- ⑥. Antenna
- ⑦. DCV Input 15V 400mA
- ⑧. Unbalanced Φ 6.3mm jack socket
- ⑨. Balanced XLR socket



Accessories

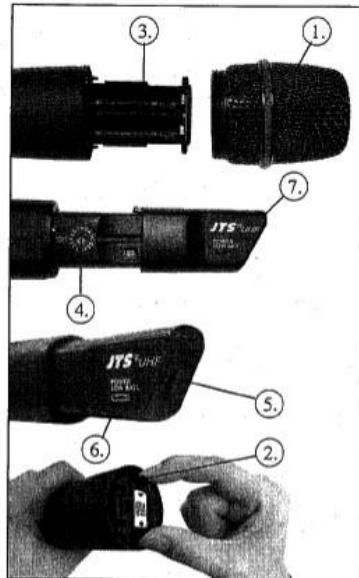
- ⑩. AF output cable
(With unbalanced Φ 6.3 plug)
- ⑪. AC/DC adaptor
- ⑫. Plastic screwdriver



4-2 Handheld Transmitter

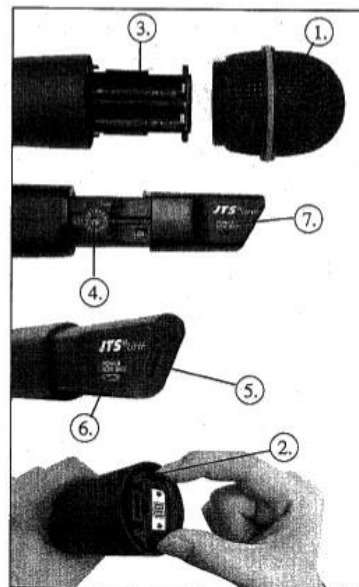
DH-902

- ① Interchangeable element(Square grille)
- ② Battery tray release
- ③ Battery tray
- ④ Channel selector
- ⑤ Power On/Off switch
- ⑥ LED Indicator
- ⑦ ID housing



DH-901

- ① Interchangeable element(Round grille)
- ② Battery tray release
- ③ Battery tray
- ④ Channel selector
- ⑤ Power On/Off switch
- ⑥ LED Indicator
- ⑦ ID housing



5. Installation Assignment

5-1. Installation of the receiver

(1.) Power Output Connector

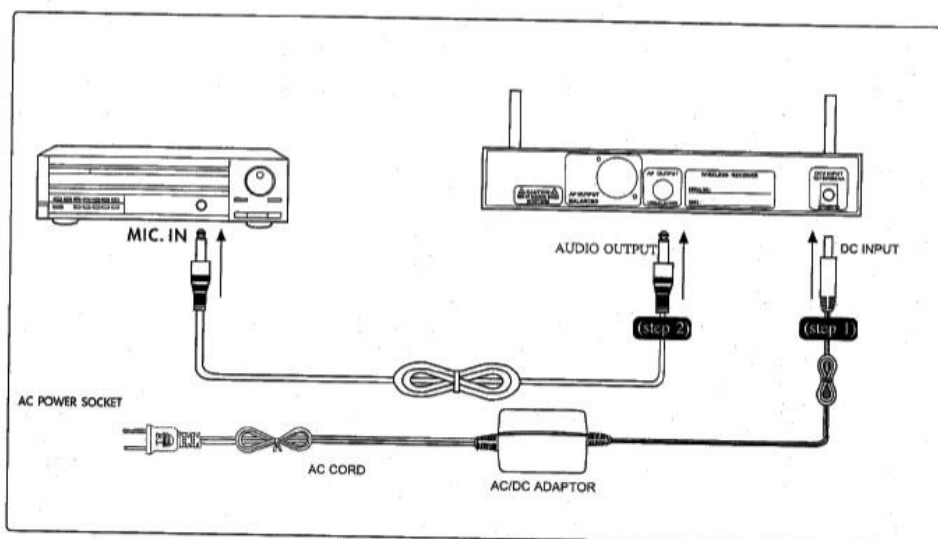
Connect one end of AC/DC adaptor cable to DC input socket in the rear panel of receiver, and plug another end into an AC outlet.

(Step 1 of Figure 1)

(2.) Audio Output Connector

The receiver equipped with both balanced XRL output and Unbalanced $\Phi 6.3\text{mm}$ jack output, you can choose the proper way for using.

1. Connect one end of AF output cable to the AF output socket in the rear panel of receiver and plug another end to the "Mic. In" input socket of the mixer or amplifier. (Step 2 of Figure 1).



(Figure 1)

6. Recommendation

1. In order to achieve the optimum reception condition and also extend the operating distance, please leave a "open space " between the receiver and transmitter.
2. Keep the devices away from the metal objects or any interference sources, at least 50 cm.
3. To avoid the feed-back effect, don't leave the mic. to aim at the speakers directly.
4. For best pick-up pattern, please hold the middle of the mic. body.
5. Remove batteries from the battery compartment when the transmitter will not be used for a long time.
6. When you need to replace the batteries, please replace both batteries at the same time with new ones.