

LICENSING REQUIREMENTS

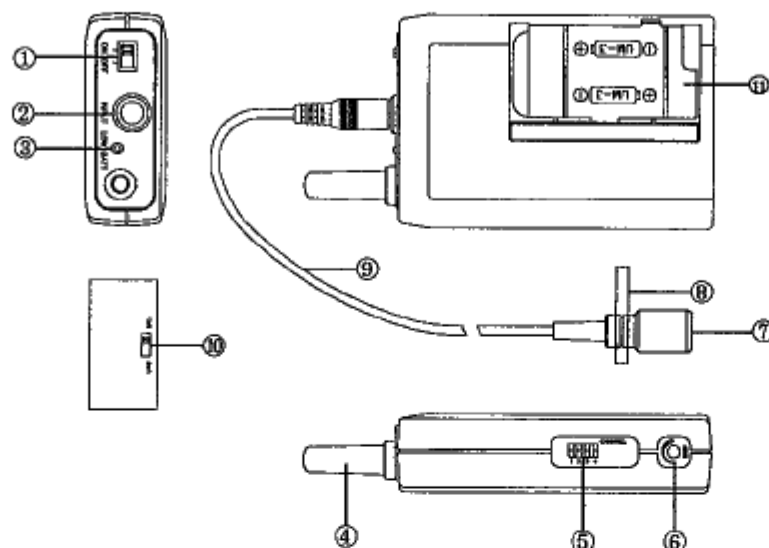
This equipment complies with Part 74 of the FCC Rules.

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.**

Bodypack Transmitter

The bodypack transmitter operates on UHF band frequency with PLL synthesized control. UHF 16 preprogrammed selectable frequencies to avoid interference. Uni-directional condenser capsules with different characters for various choices. Switchable impedance design suitable for vocal and instrument purpose. Use 1.5V x 2 AA size batteries for low operating cost.



Description

- On/Off Switch:** Switch the power to "ON" when you wish to use the microphone and to "OFF" to switch it off.
- Mini XLR /3.5mm connector:** The included electret lapel microphone is inserted into the connector on transmitter.
- Low Battery LED:** LED indicates battery life status. Switching the power to "ON", the LED flashing momentarily means that power supply is normal. If the LED on light means that the batteries are in need of replacement soon. If the status LED fails to flash, the batteries are exhausted. Replace new batteries then.
- Antenna:** Permanently connected, helical antenna.
- Channel Selector:** Prior to setting up the system, check that the transmitter and receiver are tuned to the same frequency.

CH 1	CH 2	CH 3	CH 4
■■■■■	■■■ ■	■■ ■■	■■ ■■
CH 5	CH 6	CH 7	CH 8
■■ ■■	■■ ■■	■■ ■■	■■ ■■
CH 9	CH 10	CH 11	CH 12
■■ ■■	■■ ■■	■■ ■■	■■ ■■
CH 13	CH 14	CH 15	CH 16
■■ ■■	■■ ■■	■■ ■■	■■ ■■

- Gain Control:** The rotary control adjusts the sensitivity of the transmitter's audio to the level of the connected lapel microphone or instrument.
- Mic Unit:** The uni-directional electret condenser unit features the wide frequency response for warm, rich bass and clear sound.
- Tie Clip:** To clip on the tie or lapel for free-movement.
- Cable:** With mini XLR jack or 3.5mm screw type plug cable to connect the transmitter.
- Mic/Line Selector (optional for use with mini XLR connector):** The switch sets the audio input either to microphone level or line level.
- Battery Compartment:** Insert two AA batteries into the compartment and make sure that

Setting Up

NOTICE: Prior to setting up, check that the transmitter and receiver are tuned to the same frequency. Two or above transmitters operating on the same frequency can not be used at the same time and area, so please select the different frequencies which can be used simultaneously at local area.

A. Inserting batteries into the handheld / bodypack transmitter

1. Push to open the battery cover and insert batteries into the battery compartment conforming to the polarity (+)(-) marks. The transmitter can not work with incorrectly inserted batteries.
2. When push the ON/OFF switch to "ON" to switch the power on, the LED will flash momentarily.
3. If the batteries are in normal condition, the LED will extinguish. If the LED lights, the batteries are in need of replacement soon. If the LED fails to flash, the batteries are exhausted. Replace new batteries.
4. Push back the battery cover to click it shut.

B. Setting up the bodypack transmitter

a. Connecting a microphone

1. Push the MIC/LINE switch to "MIC" and use the supplied screwdriver to adjust the GAIN control at appropriate position.
2. Plug the mini XLR connector end of the microphone cable into the audio input connector on the bodypack transmitter.
3. Switch the transmitter and then hi-fi appliance (amplifier, tape deck etc.) power on.
4. While testing the microphone and hearing the sound from receiver, adjust the levels on your receiver or on mixer or amplifier.

b. Connecting an instrument

1. Push the MIC/LINE switch to "LINE" and use the supplied screwdriver to adjust the GAIN control at appropriate position.
2. Plug the 6.3mm connector end of the optional guitar cable to the output jack on the instrument and the mini XLR /3.5φ connector end into audio input connector on the bodypack transmitter.
3. Switch the transmitter and hi-fi appliance (amplifier, tape deck etc.) power on.
4. While playing the instrument and hearing the sound from receiver, adjust the levels on your mixer or amplifier.

MIC/LINE switch is an optional function for use with mini XLR connector.

Safety

1. Do not spill liquid on the appliance and do not drop it on a hard concrete floor.
2. Take out the battery from transmitter, if the appliance has been not used for a longer period. This will prevent from the damage that a defective leaking battery may cause.

Environment

Do not throw used batteries into a fire or garbage bin with domestic rubbish. Be sure to dispose of used batteries in accordance with local waste disposal rules.

Specifications

Bodypack Transmitter

* Carrier Frequency Range	: UHF band 790~806MHz
* RF Power Output	: 30mW (max.)
* Frequency Stability	: $\pm 0.005\%$ with PLL synthesized control
* Maximum Deviation	: $\pm 15\text{KHz}$
* Spurious Emission	: More than 45dB below carrier frequency
* T.H.D.	: Less than 1% (at 1KHz)
* Microphone Capsule	: uni-directional electret condenser unit
* Operating voltage	: 1.5V x 2 AA size batteries
* Current consumption	: 65mA $\pm$ 5mA
* LED Indicator	: Power on-off and low battery

UF-GA

