

Handheld Microphone Transmitter

Setting up the Transmitter

The transmitter requires two AA size batteries to operate. To install the batteries onto the battery compartment, unscrew the **Battery Compartment Cover** by turning counterclockwise until loose and slide down the cover, exposing the **Battery Compartment**. Insert two fresh AA batteries according to the correct polarity as indicated on the transmitter body. Screw the battery cover back onto the microphone, making sure it is securely tightened. Fresh alkaline batteries can provide up to 8-10 hours of operation, but in order to ensure optimal performance it is recommended that the batteries be replaced after 6-8 hours of use or as indicated to be necessary by the flashing **Battery "BATT" Meter Icon**.

Powering the Transmitter On/Off

To turn on the transmitter, slide the **Power On/Off Switch** to the "ON" position. The LCD backlight will light up, indicating the unit is now on. After ten seconds the backlight will automatically turn off to conserve battery life. The **Channel and Battery Meter** indicator icons stay on for normal operation.

As many of the LCD battery levels should stay lit as possible, as they indicate usable battery strength. As the batteries weaken, fewer of the level indicators will stay lit until only one bar shows, which will then flash to warn that the batteries are now too low and should be replaced as soon as possible with fresh ones.

To preserve battery life, turn the transmitter off when not in use. To turn the transmitter off, slide the power on/off switch to the "OFF" position. The LCD will display "OFF," no LCD or backlight is lit up and the unit will be off.

At Power Off the transmitter will store the last settings entered and re-display them at the next power on where it can be reprogrammed to any new frequency at the first time of use or anytime later.

Programming the Transmitter to the Selected channel

The transmitter can be programmed to the same channel as selected for the receiver, either via automatic synchronization using the IR Sync function or manually on the transmitter itself.

IR Sync Programming:

Use the wireless **IR LED Receptor Sensor** to download pre-programmed channel from the receiver. Start programming by holding the IR LED Receptor about 6-12" from the receiver's **IR LED Window**, then press the **IR Sync Button** on the receiver to be used, the IR LED will light up red and stay for about five seconds. This indicates IR transmission is in progress and IR data is transferring during this period. Upon successful data transfer (usually in about three seconds) the IR LED stops and the transmitter's backlight will light up and the transmitter will transmit a radio signal on the same frequency as the receiver. The Signal Strength on the receiver's LCD display will then light up, indicating that the IR link is completed.

Note: If procedure is not done correctly during the five seconds of active data transfer, the receiver and the transmitter do not link and transmitter's previous programmed channel remains unchanged.

The IR link is infrared light and thus works best when this data transfer is accomplished in a light-shielded or darker environment. It may not be successful in a brightly lit area. If the transfer fails, repeat the procedure in a darker location or somehow shield the link from outside light to successfully program the transmitter with the pre-programmed group and channel info from the receiver.

Operating the Handheld Transmitter

During normal operation with the unit powered ON, the transmitter power level can be changed by sliding the On/Off switch to the "ON" position and the microphone is now ready to use. The receiver's RF Signal Meter should now be on, indicating a received signal from the transmitter. Adjust the volume of the receiver per Connecting the Audio Output section above.

TRANSMITTER HAND-HELD TRANSMITTER



- ① Grille
- ② LCD display
- ③ Infrared receiver (IR)
- ④ Power button
- ⑤ RF output power switch
Hi:30mW; Lo:3mW
- ⑥ Battery tray



- ① 6-step alphanumeric display
- ② Battery status display
- ③ "MUTE" display
- ④ Channel display

Frequency ranges	902.30–927.80MHz
Modulation Mode	Broadband FM
Available Band Width	25.50MHz
Channel number	86
Channel spacing	300KHz
Frequency stability	± 0.005%
Dynamic range	100dB
Peak deviation	± 45KHz
Audio response	80Hz–18KHz(± 3dB)
Comprehensive SNR	>105 dB
Comprehensive Distortion	≤0.5%
Operating Temperature	–10℃—+40℃

Output power	High:10mW; Low:3mW
Spurious rejection	–60dB
Voltage	Two AA batteries
Current utility time	High: >10 hours Low: >15 hours

FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.