



ARTIST ELITE®

4000 & 5000 Series Professional UHF Wireless Systems

Transmitter (lapel/lavalier, hand held microphone) information.

Installation and Operation

Transmitters

The versatile AEW-T1000 UniPak™ body-pack transmitter features a metal case and includes field-replaceable helical and flexible-wire antennas. It has both low- and high-impedance inputs plus a bias connection, for use with dynamic and electret condenser microphones, as well as Hi-Z instrument pickups. In addition to its programmable functions, the transmitter includes a three-position sliding control cover to limit access, if desired, to only the Power/Mute button, or to no controls at all, as appropriate for the application and/or user.

The handheld microphone/transmitters feature metal-body construction. Four models are available, incorporating a variety of capsules from the Artist Elite wired-microphone series created for professional live-sound venues.

All Artist Elite Series transmitters use two 1.5V AA batteries for economical operation and wide availability. The receiver and both transmitters have "fuel gauge" battery condition indicators with low-battery warnings.

Please note that in multiple-system applications there must be a transmitter-receiver combination set to a separate frequency for each input desired (only one transmitter for each receiver). Because the wireless frequencies are within UHF TV frequency bands, only certain operating frequencies may be usable in a particular geographic area. Also, only certain of the available operating frequencies may be used together. Operating frequencies and IntelliScan frequency groupings will be found on pages 29-30. (Use of the IntelliScan channel assignment system will determine and set appropriate frequencies automatically.)

Transmitter Controls and Functions

Refer to Figures H through Q for an overview of transmitter functions and controls.

Touch: A momentary press of the Mode/Set button. It is used to enter Menu mode, to enter Edit mode, or to Escape without making any changes to current settings.

Hold: A press and hold (about two seconds) of the Mode/Set button. It is used to accept a new setting when the receiver is in Edit mode or to save the current settings to one of the five user-defined name presets or the internal memory location ("NAME?").

LCD Window

The Liquid Crystal Display presents a great deal of setup and operating information clearly and conveniently (Figure H). The LCD in the transmitters is designed for greatest contrast and best viewing with the window rotated somewhat **away** from the viewer (about 30 degrees), not straight-on, for a more convenient holding/viewing position.

Power/Mute Button

The transmitters have a combination Power and Mute switch (Figure J/K). When used in combination with the programmed choices explained below, the various functions available to the transmitter user may be tailored to fit personal preferences or particular situations.

Power On/Off

To turn the transmitter on, **hold** the Power/Mute button until the red power indicator and the LCD window come on (about 1–2 seconds). The operating frequency shows in the window after the power-up sequence.

To turn the transmitter off, **hold** the Power/Mute button again, until the red power indicator and the LCD window are extinguished (about 1–2 seconds). The LCD window shows "PWR.OFF" before shutdown.

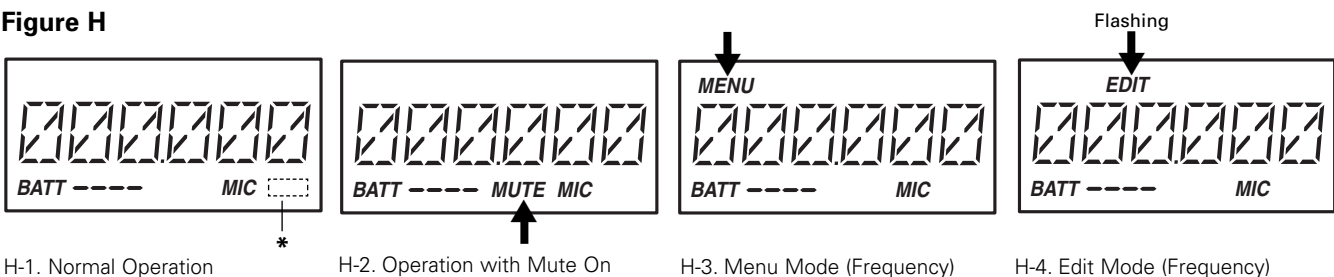
Mute On/Off

When the transmitter is muted, it produces RF with no audio signal modulation. When the transmitter is un-muted, it produces both RF and audio.

To mute the transmitter (cut off the audio, but continue the RF output), **touch** the Power/Mute button **once**. A small "MUTE" appears in the LCD window, just below the frequency (Figure H-2).

To un-mute the transmitter (restore the audio), **touch** the Power/Mute button **once** again. The "MUTE" disappears from the LCD window.

Figure H



H-1. Normal Operation

H-2. Operation with Mute On

H-3. Menu Mode (Frequency)

H-4. Edit Mode (Frequency)

* AEW-T1000 only: "INST"

Figure J

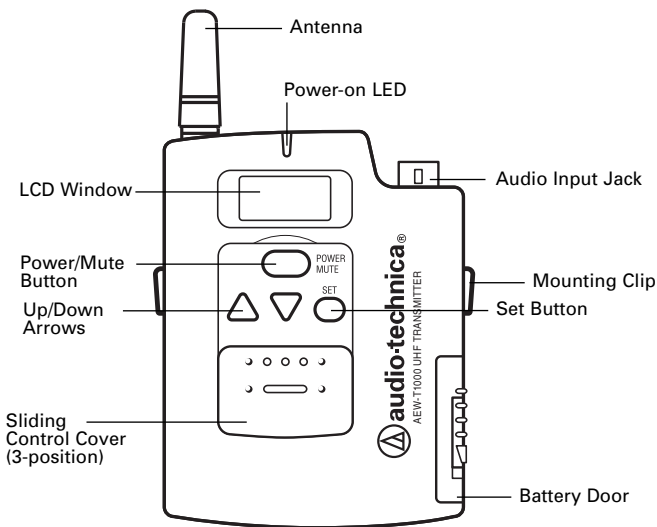


Figure K

