

LT-800-072

The LT-800-072 is an auditory assistance transmitter that broadcasts on 57 different frequencies between 72 and 76 MHz. The LT-800-072 uses frequency modulation (FM) to transmit audio to users who are hearing impaired. The product is used in places such as cinemas, theaters, places of worship, public meeting facilities and schools. Individuals requiring auditory assistance use a small receiver connected to an earphone to better hear the audio source. The American's with Disabilities Act (ADA) requires this type of device in public places.

The LT-800 has an audio input stage, followed by an audio processing stage that keeps audio levels consistent. Audio levels, audio process, audio equalization, RF channel select and RF output power can be adjusted by the installer depending the application. The installer can supply balanced or unbalanced inputs with varying input levels. The antenna is connected though the lid of the device or an external antenna can be used to more strategically place the antenna close to users. The unit also incorporates a headset jack to monitor the transmission, three VU meters to adjust input and processing levels, and a test tone. An external wall transformer powers the LT-800.