

LT-700-072

The LT-700-072 is an auditory assistance transmitter that broadcasts on 57 different frequencies between 72 and 76 MHz. The LT-700 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. The LT-700 is a hand-held, battery powered portable transmitter. 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-700 has an audio input stage, followed by an audio processing stage that keeps audio levels consistent. The LT-700 uses the conductors in the microphone cable as an antenna.