

Assistive Listening ALS700 Dual Frequency System

ALS700

Breakdown learning, communication and social barriers with the HamiltonBuhl® ALS700 Assistive Listening System. Separate the sound that your audience wants to hear from the background noise, and deliver it at the right amplification level, directly into the individual's ear.

Individuals utilizing the ALS700 receivers will easily achieve the required volume increase and gain the same level of understanding without making it too loud for everyone else.

A single ALS700 System transmitter can serve an unlimited number of receivers in a 150 foot range! Fully ADA compliant, the ALS700 is the ideal assistive listening system for any environment: school, movie theater, house of worship, performance theater and more.

Each ALS700 System Includes:

1 Transmitter, 6 Receivers, 6 Earbuds (ALSH700 on-ear headphones available for purchase), and 1 Carry Case



Includes 6 sets of earbuds

Overall System Performance

- Frequency response: 100Hz - 8KHz
- Signal to noise ratio: 41dB
- Total Harmonic Distortion: <0.5%
- RF Carrier Frequencies:
 - Channel 1: 75.5MHz
 - Channel 2: 75.9MHz
- Frequency Stability: >0.005%
- Modulation: FM ± 75KHz max.
- Operating Range: Up to 150 feet line of sight.
- Warranty: 1 Year

Transmitter

- Mic Input:
 - Connector: 1/4" Phone jack
 - Impedance: Unbalanced
- Line Input:
 - Connector: 1/4" Phone jack
 - Impedance: 100K unbalanced
- Antenna: Permanently mounted, telescoping
- Power Output: 13dBm
- Power Requirements: 5V DC, regulated @200mA Adapter included
- Dimensions: 9" x 6.07 x 1.97"

Receiver

- Audio Output: 100mW
- Connectors: 3.5mm jack for earphone output
- Earphones: Mono earbuds
- Antenna: Integral with earphone cord
- Sensitivity: 3uV for 12dB with squelch defeated Squelches at 10uV for min. 50dB S/N ratio
- Mute Threshold: 5 - 8uV
- Power Requirements: Three (3) 1.5V AAA size batteries
- Dimensions: 2.54" x 1.32" x 3.92"

listening
assistive



Six RF Receivers



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