

ALS-600

Assistive Listening System

Hamilton™

E L E C T R O N I C S



ALS-600 SYSTEM SPECIFICATIONS

Overall System Performance

Frequency Response	100Hz-8kHz, +- 3dB
Signal to Noise Ratio	41 dB
Total Harmonic Distortion	< 0.5%
RF Frequency	75.5 MHz
Frequency Stability	Better than .005%
Operating Range	Up to 300 feet line-of-sight

Transmitter

Mic Input	1/4" Phone jack, unbalanced with 12V DC at 1 mA for condenser mic
Line Input	1/4" Phone jack, impedance: 100K unbalanced
Power Input	15dBm
Controls	Power on/off, audio input gain adjustment
Indicators	Power On LED, Audio modulation LED
Antenna	Permanently mounted telescoping whip antenna
Power Requirement	12V DC regulated at 300 mA
Dimensions	1.25" x 8.25" x 4.25"
Weight	2.6 lbs.

Receiver

Controls	Separate volume & power controls
Audio Output	109 mW max into 16 ohms
Connectors	3.5mm mono mini jack for earphone output
Earphones	Mini binaural earbuds
Antenna	Integral with earphone cord
Indicators	LED power on indicator
Sensitivity	3 uV for 12dB Sinad with squelch defeated
Mute Threshold	5-8 uV
Power Requirements	9V Alkaline
Battery Life	17-20 hours w/alkaline battery
Dimensions	3.35" x 2.75" x .75"
Weight	2.65 oz. without battery

Get everyone in on the listening experience and ensure ADA compliance with our Assistive Listening System!

The Hamilton Electronics ALS-600 breaks down hearing barriers by delivering superior sound quality and value for money in Assistive Listening Systems. Each system includes one easily integrated Transmitter and 6 user-friendly receivers with ear buds and batteries so you can hit the ground running. A durable carrying case is also included for easy transport. A single transmitter can serve an unlimited number of receivers in a 300 foot radius.

Popular applications include:

- School Auditoriums
- Houses of Worship
- Concert Venues
- Theaters

ALS-600 System includes:

- (6) receivers (batteries included)
- (6) ear buds,
- (1) transmitter
- (1) carry case



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