



Product Overview:

The Listen Everywhere LW-100P-02 is an affordable and reliable way to meet ADA & IBC assistive listening requirements for audiences of up to 1000 users. Connect to your existing Wi-Fi network service and stream directly to users through the free mobile app. Cloud-based management allows for simple management of the system, including updates and customization options. Additionally, in-app functions let you create custom welcome messages, videos, banners, and more, all providing another point of contact with your clients and customers.

*Custom solutions available upon request to accommodate more channels/users, email sales@listentech.com for information.

Highlights:

- Up to 1000 users
- 2 Channels
- Low Latency
- Uses Existing Wireless Network

Includes:

One (1) LW-100P-02 Listen Everywhere 2 Channel Server w/Power Supply

| Product Specification: Listen EVERYWHERE 2 Channel Server | |
|---|---|
| Interconnections | |
| Audio Inputs | Terminal Block: Two analog inputs, rear panel, one terminal block connector per input, balanced, +4 dBu (line) nominal input level, +16 dBu maximum input level, impedance 100k ohm |
| Audio Inputs | RCA: Two analog inputs, rear panel, one dual summing RCA connector per input, unbalanced, -10 dBu (line) nominal input level, +2 dBu maximum input level, impedance 100k ohm |
| Audio Inputs | *Stereo operation requires the use of both inputs |
| Ethernet | RJ-45 supports 10/100/1000 Mbps speed. Green LED flashes at 100 Mbps, Yellow LED flashes at 1000 Mbps. |
| USB | Type A 2.0 (female) |
| Power Supply | |
| Connector | 5 VDC Barrel |
| Input Voltage | 100-240 VAC, 50-60Hz |
| Output Voltage | 5 VDC |
| Current | 6.0 A |
| Power | 30 W |
| Countries | North American, UK, EU, AUS |

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|--|--|
| Servers | |
| IP Address | DHCP, Static, Reserved |
| Prioritization | QoS/ToS |
| Users | 1000 (per server) |
| Max Channels | 2 mono (1 stereo) |
| WAP Support | 802.11n or better w/WMM enabled |
| Supported WAP Frequencies | 2.4 GHz & 5 GHz |
| Bandwidth Use | Approx. 140 kbps per user |
| Frequency Response | 20Hz - 20kHz \pm 1dB |
| Dynamic Range | 86 dB |
| S/N Ratio | 74 dB typical (at nominal input levels) |
| Bit depth | 16 bits |
| Sampling Rate | 44.1 kHz |
| App Support | iOS/Android |
| Cloud Service | Yes |
| Regulatory | FCC, CE, RoHS |
| Warranty | 2 years |
| Multiple servers may be used to increase the number of channels. | |
| Physical | |
| Dimensions (H x W x D) | 45mm x 170mm x 100m (1.77in x 6.69in x 3.94in) |
| Weight | .59 kg (1.3 lbs) |
| Listen Everywhere servers are cloud managed with customizable in-app functions which support welcome messages, videos, sliding banners, pdf documents, offers and supports portable smart iOS and Android devices. | |