



Product Overview:

The LW-200P-12 has 12 input channels and can service up to 1000 users via a free app for smartphones. Multi-screen and assistive listening environments—including conference centers, and sports bars, plus houses of worship, interpretation and hospitality—benefit from the flexibility to provide a wide range of streaming audio options with strong, clear, and reliable performance.

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

Highlights:

- Up to 1000 Users
- 12 Channels
- Low Latency
- Uses Existing Wireless Network

Includes:

One (1) LW-200P-12 Listen Everywhere 12 Channel Server w/Power Supply

| Product Specification: Listen EVERYWHERE 12 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 | *Each stereo channel requires the use of two inputs |
| Ethernet | RJ-45 supports 10/100/1000 Mbps speed. Green LED flashes at 100 Mbps, Yellow LED flashes at 1000 Mbps. |
| Power Supply | |
| Connector | DC Barrel Connector |
| Input Voltage | 100-240 VAC, 50-60Hz |
| Output Voltage | 5 VDC |
| Current | 6.0 A |
| Power | 30 W |
| Countries | North America, UK, EU, AUS |
| Servers | |
| IP Address | DHCP, Static, Reserved |
| Prioritization | QoS/ToS |
| Users | 1000 (per server) |

| Product Specification: Listen EVERYWHERE 12 Channel Server | |
|--|--|
| Max Channels | 12 mono (6 stereo) |
| WAP Support | 802.11n or better w/WMM enabled |
| Supported WAP Frequencies | 2.4 GHz & 5 GHz |
| Bandwidth Use | 125 kbps per user |
| Frequency Response | 20Hz - 20kHz \pm 1dB |
| Dynamic Range | 86 dB |
| Signal to Noise Ratio (SNR) | 74 dB typical (at nominal input levels) |
| Bit depth | 16 bits |
| Sampling Rate | 48 kHz |
| Channel Security | AES-256-CBC, 256 bit advanced encryption |
| System Latency | 40 - 80 mS (60 mS average). This can vary per network and mobile device. |
| Total Harmonic Distortion (THD) | <1% |
| App Support | iOS/Android |
| Cloud Service | Yes |
| Regulatory | UL, FCC, CE, KCC, RoHS |
| Warranty | 2 years |
| Multiple servers may be used to increase the number of channels. | |
| Physical | |
| Dimensions (H x W x D) | 45mm x 483mm x 117mm (1.77in x 19.02in x 4.6in) |
| Weight | 2.2 kg (4.85 lbs) |
| Rack Space | 1RU |
| Environmental | |
| Temperature - Operation | -10 °C (14 °F) to +40 °C (104 °F) |
| Temperature - Storage | -20 °C (-4 °F) to +50 °C (122 °F) |
| Relative Humidity | 0 to 95% relative humidity, non condensing |
| 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. | |

www.tourguide-systems.co.uk

Search: **@TourguideSYS**

Tel. +44 (0)1244 456 899