



Configuration:

LW-150P-02-01-D (North America, Plug B)

LW-150P-02-02-D (United Kingdom, Plug G)

LW-150P-02-03-D (European Union, Plug F)

LW-150P-02-04-D (Australia, Plug I)

Product Overview:

The Listen EVERYWHERE LW-150P is an affordable way to deliver 2 Dante® audio channels to audiences of up to 1000 users. The rear panel Dante input allows for easy audio routing and management via Dante Controller® software. Simply connect to your existing Wi-Fi network and stream low latency audio directly to guest’s devices using the free mobile app, or by providing Wi-Fi Audio Receivers at your venue to meet ADA compliance. Cloud-based management allows for simple management of the server and listening devices, including supporting custom welcome message videos or logos, sliding banners, and more, all providing another point of contact with your clients and customers. Experience great quality audio and industry leading low latency audio at your venue with a Dante enabled 2 channel Wi-Fi Audio Server.

Highlights:

- 2 channel Dante® input
- Audio routing and management via Dante Controller® software
- Uses existing wireless network (Wi-Fi)
- Low latency ([see demo video](#))
- ADA compliant (with receivers and neck loops)
- Stream audio to venue provided receivers and guest devices
- 2 channels per server (stackable)
- Up to 1000 users
- Great quality and reliability
- Simple to setup
- Low power consumption
- Heavy-duty chassis

Includes:

One (1) LW-150P-02 Listen EVERYWHERE 2 Channel Wi-Fi Audio Server (Dante) w/Power Supply Two (2) 1.83M (6 ft.) CAT6 Cables One (1) Quick Start Guide

Product Specification: Listen EVERYWHERE 2 Channel Wi-Fi Audio Server (Dante)	
Interconnections	
Dante Audio Input	RJ-45 input supports Dante Audio over IP, AES-67 RTP
	Sampling rate 48 kHz, bit depth 24
	Maximum 100m (328') CAT5/6 cable length
	*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)

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Power Supply	
Connector	DC Barrel Connector
Input Voltage	100-240 VAC, 50-60Hz
Output Voltage	5 VDC
Current	6.0 A
Power	30 W
Configurations	01= North American Plug B; 02= United Kingdom Plug G; 03= European Union Plug F; 04= Australia Plug I
Servers	
IP Address	DHCP, Static, Reserved
Prioritization	QoS/ToS
Users	1000 (per server)
Max Channels	2 mono (1 stereo) - Multiple servers may be used to increase the number of channels.
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	90 dB
Signal to Noise Ratio (SNR)	78 dB typical (at nominal input levels)
Bit depth	16 bits
Sampling Rate	48 kHz
Channel Security	AES-128-CBC
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, cloud service is available for remote server maintenance/updates. Cloud service also supports customization of the Android and iOS mobile apps, such as app theme settings, welcome ads, sliding banners, channel logos, channel names, pdf documents, and offers.
Warranty	2 years
Physical	
Dimensions (H x W x D)	45mm x 170mm x 117m (1.77in x 6.69in x 4.6in)
Weight	.59 kg (1.3 lbs)
Shipping Weight	1.6 kg (3.6 lbs)
Rack Space	1/2 RU
Environmental	
Temperature - Operation	-10 $^{\circ}$ C (14 $^{\circ}$ F) to +40 $^{\circ}$ C (104 $^{\circ}$ F)
Temperature - Storage	-20 $^{\circ}$ C (-4 $^{\circ}$ F) to +50 $^{\circ}$ C (122 $^{\circ}$ F)
Relative Humidity	0 to 95% relative humidity, non condensing

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Compliance	
Regulatory Standards	UL, FCC, CE, KCC, UKCA
Specifications subject to change without notice	