

# WLL-TR-1p-II

Complete  
uncompressed  
wireless  
transmitter and  
receiver system

SOUNDTUBE  
ENTERTAINMENT



## Specifications: WLL-TR-1p-II

## Mounting hardware included

Power Supply	32V, 3.75A
RF Band	2.4 GHz, 5.2 GHz & 5.8 GHz
Operating Range (full power)	150 ft indoors / 210 ft line of sight
Operating Range (low power)	50 ft indoors / 70 ft line of sight
Audio Frequency Response	20 Hz - 20 kHz
Amplifier Output Power	50w/ch @ 8 ohms 65w/ch@ 4ohms
Amp Power	50w/ch @ 8 ohms 65w/ch@ 4ohms
Modulation	Digital
Dynamic Range	90dB
Height (SM = Height)	1.75 in
Diameter (SM = Width)	6.18 in
Depth	6.5 in
Weight	1.85 lbs
Accessories Optional	AC-WLL-RMA rack mount adaptor
Regulatory - CE	approved
Regulatory - RoHS	approved

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## Description

The WLL-TX1 wireless transmitter unit transmits uncompressed stereo audio wirelessly for maximum fidelity. An additional 9 receivers (for a total of 10) may be ordered to accompany the included single transmitter. Two additional transmitters can be used with separate frequencies with a total of up to 30 receiver units. Each transmitter/receiver contains 3 RF channels to minimize interference from other devices. Each channel contains 3 bands, alternating between them to preemptively counteract interference, keeping the signal clear and latency less than 20ms. Audio input options for the transmitter unit include USB, stereo mini or 1/4" balanced input connections at the transmitter. Each channel contains 3 bands, alternating between them to preemptively counteract interference, keeping the signal clear and latency less than 20ms. A High/Low power selector switch on transmitter limits RF range where needed.

## Patented SoundTube Technologies

SoundTube and MSE Audio Group constantly develop new technologies that enhance audio product performance. SoundTube innovations are protected by multiple U.S. and international patents, which explicitly cover SoundTube dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect SoundTube resellers and end users.

## Technical Data and Specification Tools

### Technical Data

SoundTube Entertainment strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at [www.soundtube.com](http://www.soundtube.com). Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D

modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

## Data Acquisition and Verification

All data for SoundTube speakers are independently collected from and verified by NWAALabs ([www.nwaalabs.com](http://www.nwaalabs.com)) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

## Architectural Specifications

No specifications currently.

### SoundTube

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<http://soundtube.mseaudio.com>  
All SoundTube products come with a 5-year limited warranty.

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## Optional Accessories

**AC-WLL-RMA rack mount adaptor**