



Specifications: TELESTONE™

Mounting hardware included

Power Requirements	32V, 3.75A
Power Supply	32V, 3.75A
Amplifier Output Power	50w/ch @ 8 ohms 65w/ch@ 4ohms
Modulation	Digital
Dynamic Range	90 dB
Inputs	USB, Stereo Mini, or .25 Balanced Input Connections
Outputs	2 speaker level 2.5' direct burial rated cables
Height (SM = Height)	10.5 in
Diameter (SM = Width)	12.5 in
SM Depth (Including Bracket)	10.5 in
Weight	6.8 kg / 15 lbs
Accessories Optional	Rack-Mount Adapter (AC-WLL-RMA), Security Bracket (RSB1)
Owner's Manual - color	Download Owners Manual
Regulatory - CE	CE UL FCC CCC ec
Regulatory - RoHS	approved
Applications	Its natural, weathered stone aesthetic makes the TeleStone an ideal choice for theme parks, promenades, playgrounds, shopping malls, restaurants, resorts, gardens and other outdoor applications. The TeleStone utilizes a sedimentary rock design to match its natural environment.

Key Features

- Uncompressed 2-channel audio for maximum fidelity
- Receiver unit includes 2-channel 50W/ ch Class D amplifier.
- 3 RF channels to minimize interference from other devices (specify channel upon order)
- Each channel contains 3 bands, alternating between them to preemptively counteract interference, keeping the signal clear and latency less than 20 ms
- Multiple receiver/amplifier units may be used with a single transmitter
- Up to 12 receivers may be used for each transmitter. For more than 12, use an additional transmitter on another frequency
- USB, stereo mini or 1/4" balanced input connections at the transmitter. A dual RCA adapter will be included
- High/Low power selector switch on transmitter limits RF range where needed

Description

It's easy to expand your outdoor audio system - all you need is a power source! The TeleStone is a wireless receiver enclosed in a durable, natural-appearing rock shell. It has two direct-

burial speaker-level cables for driving nearby Rockustics speakers with up to 65 watts per channel (4 ohms). The TeleStone is accompanied by our sister company SoundTube's WLL-TX-II transmitter, which is placed near your AV system. The TeleStone wireless system uses uncompressed audio for superior quality. (For best performance, the transmitter and receiver should be installed in a line-of-sight configuration.)

Applications

Its natural, weathered stone aesthetic makes the TeleStone an ideal choice for theme parks, promenades, playgrounds, shopping malls, restaurants, resorts, gardens and other outdoor applications. The TeleStone utilizes a sedimentary rock design to match its natural environment.

Patented Rockustics Technologies

All Rockustics cabinets are constructed from a non-polluting stone and resin compound. The cabinets maintain a natural aesthetic, weather and age naturally,

and are an earth-friendly alternative to plastic construction. To ensure 100% water- and weatherproofing, all Rockustics products come as a sealed unit. Rockustics and MSE Audio constantly develop new technologies that enhance audio product performance. Rockustics innovations are protected by multiple U.S. and international patents. MSE Audio actively defends its patents in order to protect Rockustics resellers and end users.

Patented Rockustics Technologies

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

The TeleStone wireless system shall consist of one TeleStone transmitter and one TeleStone receiver. Performance specifications of a typical TeleStone wireless system shall be as follows: Operating range at full power will reach 150 ft (45.7 meters) indoors and 210 ft (64 meters) line of sight. At low power, operating range will be reduced to 50 ft (15.2 meters) indoors or 70 ft (21.3 meters) line of sight. Dynamic range shall be 90 dB with an audio frequency ranging from 20 Hz - 20 kHz. The system will transmit in uncompressed audio signal over a 2.4 GHz RF Band with three selectable RF channels to minimize interference. Antenna impedance shall be 50 ohms. The TeleStone transmitter unit housing material shall be constructed of powder coated metal. Power requirements for the unit will be a 5 v, 1.2 A power supply. Input options at the transmitter include USB, stereo mini or 1/4" balanced input connections.

Overall dimensions shall be no more than 44.45 mm (1.75 in.) in height by 157.16 mm (6.1875 in.) in width by 165.1 mm (6.5 in.) in depth. The unit shall include two removable antennae. The TeleStone receiver/amplifier unit housing material shall be constructed of a non-polluting stone and resin compound. The housing will be fully sealed and is available in brown, gray or sandstone. Power requirements for the unit will be 120 v 60 Hz. Latency shall be no greater than 20 ms. Receiver amplifier power output shall be 50 w per channel at 8 ohms. Overall dimensions shall be no more than 317.5 mm (12.5 in.) in height by 266.7 mm (10.5 in.) in width by 266.7 mm (10.5 in.) in depth. The system shall be the Rockustics TeleStone for both low- and high-impedance applications.

Rockustics

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All SoundTube products come with a 5-year limited warranty.

TELESTONE™

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Optional Accessories

Rack-Mount Adapter (AC-WLL-RMA)



Security Bracket (RSB1)