AirNetix

streetsounds

Music for Your Main Street

Features

- Real-time, high-quality streaming audio (not a store-and-forward file-based MP3 player Wi-Fi system).
- Fully synchronized audio for real-time audio distribution (parades, road races, festivals, emergency announcements, etc.).
- Mounts on existing street-light or traffic-light pole.
- Fully weatherproof for permanent outdoor installations (-40°F to 130°F).
- Integrated 2 x 35 watts (8 ohm) or 2x55 watts (4 ohm) audio amplifier, powerful enough for concerts, festivals, sporting events.
- Extensive Network Management System PC-based application software.
- Monitor and control volume, received signal level, temperature, audio delay, etc.

StreetSounds™ is a streaming wireless audio system designed to provide professional quality audio for “Music on Main Street ”. StreetSounds™ allows municipal governments, downtown revitalization initiatives, or real estate developers to provide real-time audio for seasonal music, festivals, parades, road races, ambient background music in shopping areas, as well as Emergency Communications and Mass Notification, all without having to dig up streets and sidewalks, or disturb historic areas to run wires. The wireless system is easily mounted on existing street-light poles so that it can tap into an existing AC power source.

StreetSounds™ is housed in a rugged aluminum enclosure built to withstand harsh, outdoor environmental conditions in permanent installations.

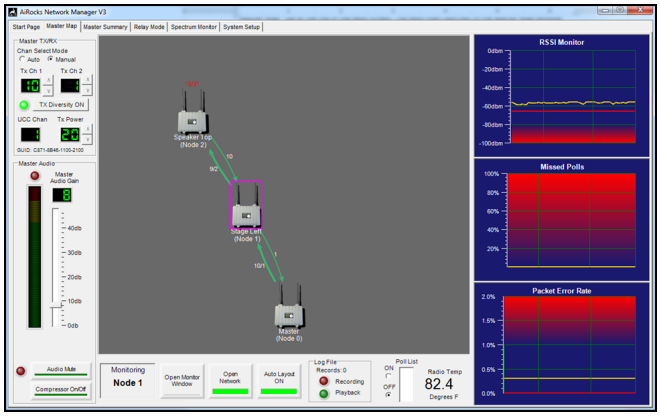
StreetSounds™ allows you to stream your favorite audio source, such as Cloudcover Music, or Mood Mix throughout your shopping district, park, sports complex or outdoor entertainment area. You can also add a microphone for live announcements for parades or festivals.

Applications

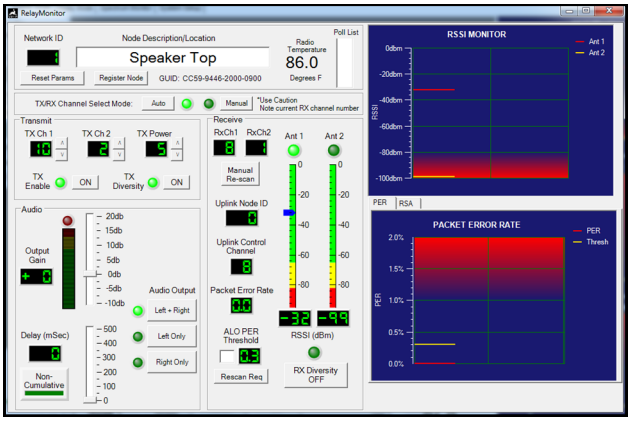
- “Music on Main Street”
- Seasonal music
- Festivals, Parades
- Historic Districts
- Parks, Zoos
- Sporting venues
- Commercial Shopping Centers
- Outdoor malls
- Theme and amusement parks
- Golf courses

The entire system can be remotely controlled and monitored from a central PC running a powerful Network Management System (NMS). The NMS gives the operator control over each wireless unit so that either individual units, or groups of units (“zones”), can be turned on or off and volume increased or decreased from the central management location.

The StreetSounds™ Network Management System (NMS) is a PC-based application that gives the user a broad array of tools for configuring, operating, and diagnosing the StreetSounds network. The NMS connects via USB to the Master unit and communicates over the air with all remote units in the network. The communications with the remote units is bi-directional so that the NMS is able to monitor AND control each unit from a central location.



Master Mode Screen



Relay Node Monitor Screen

The pole mount is 3-piece heavy-duty stainless steel and can accommodate poles from 4” to 6” in diameter. The mount is secured to the pole with two stainless steel bands.

Standard Pole Mount

Preliminary Specifications	
Audio Source	Real-time, line-level audio input
Audio Amplifier	2 audio channels (stereo or 2 independent "zones" of audio)
	2 x 35 watts into 8 ohms, 2 x 55 watts into 4 ohms (110 watts max.)
	High efficiency Class D internal amplifier
	Can use a variety of outdoor-rated speakers
Audio Frequency Response	20 Hz to 16 kHz audio channels (actual performance determined by selected speakers)
Wireless	900 MHz license-free band, 5 channels available
	Each unit can be configured as a multi-hop repeater for greater range
	Transmission Range: 1000 feet ideal, 600 feet typical with standard antennas.
	Based on proven AiRocks Pro wireless audio repeater technology
AC Input Power	110 VAC or 220 VAC, 60 Hz < 110 watts at full audio power
Network Management	Network map of all connected radios
	Remote audio volume control and mute of each radio
	Received Signal Level monitor of each radio
	Variable Audio Delay (0-500ms) of each link
	Remote Temperature monitor of each radio
	Audio Dropout monitor of each radio
Environmental	-40°F to 140°F (-40°C to + 60°C)
	Designed to IP-67 specifications
	Fully weatherproof, rugged aluminum enclosure
Mount	Stainless steel pole mount for 4" to 6" poles using two stainless metal bands.