

AudioMate 360a for Audio Devices

An affordable IP voice gateway for Unified Communications

VoiceInterop introduces the AudioMate 360a IP voice gateway that allows your baseband audio devices to participate in your unified group communications network. Plug in a microphone, an iPod, CD player, or AM/FM receiver to distribute to your network. Or feed network audio to a public address amplifier. Replace your 2-way radio remote control console with the AM360a to save money and space.

Paging the Future

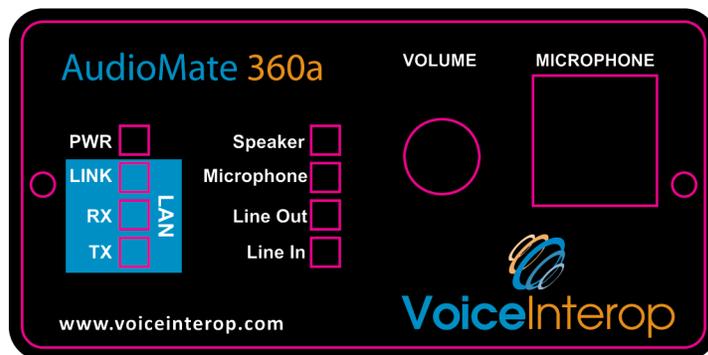
To distribute voice announcements over a large college campus or airport the AudioMate 360a provides the ideal cost-effective, noise-free link between your existing IP voice network and public address systems at remote locations. Long runs of traditional audio wire typically yield poor results in these applications. Now your public address messages will be loud and clear, free of analog noise.

Remote Control

The AudioMate 360a can take the place of bulky and expensive remote control consoles by plugging in a PTT microphone and a speaker. Now any location on your network can become a basic dispatch office.

Monitor Channel

Connect an iPod, CD player, or AM/FM broadcast receiver to the line input of the AudioMate 360a to provide a steady stream of news or company announcements, always available as a channel on your audio network. Public safety agencies can connect a NOAA weather radio to distribute weather alerts. The possibilities are endless.



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AudioMate 360a Specifications

Physical	
Dimensions	1.75 in. (4.5 cm) H x 3.6 in. (9.2 cm) W x 6.0 in. (15.3 cm) D
Weight	0.8 pounds (0.4 kg)
Electrical	
Input Voltage	12 Volts d.c. nominal, 10 Volts d.c. min., 16 Volts d.c. max.
Input current	350 mAmps nominal, 1 Amp peak
Connectors	Coaxial jack, 2.1mm i.d., 5.5mm o.d.; Mate-N-Lok for daisy chain
Audio Interface	
Line input	2.2 Volts P-P nominal, 5 Volts P-P max. @ 10K Ohms; 3.5mm stereo jack
Line output	2.2 Volts P-P nominal, 5 Volts P-P max. @ 100 Ohms; 3.5mm stereo jack
Microphone input	200 mVolts peak-peak @ 1K Ohms; RJ-45 w/Kenwood KMC-27B pinouts
Speaker output	5 Watts @ 8 Ohms w/1% t.h.d.; mates w/Dinkle EC350V-02P plug
Digital I/O	
Output	5 Volts @ 400 mAmp max., open drain; 1 active low output indicating audio streaming from IP network; on 5-pin inline Dinkle connector
Input	high > 3 Volts (5 Volts max.); 1 active low input to begin streaming to IP network ; on 5-pin inline Dinkle connector
L.A.N.	10/100-BaseT Ethernet RJ-45 port
Serial	USB-mini B diagnostic port (factory use only)
Digital audio	
CoDecs	G.711 μ -law 64kbps, G.711 A-law 64kbps, GSM 6.10 (13kbps)
Environmental	
Operating temperature	0 to +50 Centigrade
Storage temperature	-20 to +60 Centigrade
Miscellaneous	
Indicators	Activity: Power, Link, Tx, Rx; Levels: Speaker, Mic, Line in, Line out
Features	Firmware upgrade over Ethernet; web browser configuration screens (no jumpers)
Certification	FCC Part 15 industrial compliance
Robustness	Designed and tested to withstand lightning, transients, overload, and overvoltage.

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