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▶ EtherSound

Audio Distribution over Standard Ethernet:
EtherSound™ enhances established technologies to provide easy-to-implement, high-quality audio networks. The patent-pending EtherSound protocol provides fully deterministic, very low-latency transmission of synchronized audio channels over standard Ethernet. EtherSound maintains in a cost effective way, a fully digital path between networked audio devices. Up to 64 channels of 24-bit digital audio at 48 KHz, plus bi-directional status and control data, may be transported among a virtually infinite number of connected devices. Off-the-shelf Ethernet components can be used to extend the number of audio devices, as well as the distance between the devices, on the network.

What companies have already become EtherSound partners? »
How to become an EtherSound partner? »
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Related News
Digigram Asia Hosts AES Seminar on Networked Audio Technologies for AES Singapore Section

The future in radio: networked audio

Digigram unveils first off-the-shelf EtherSound enabled products: EtherSound ES8in/ES8out

Related Products
EtherSound ES8in/8out
EtherSound ESnet Module

Related Categories
Networked Audio Devices and Technologies

Applications
Fixed installations:

- background/foreground music and live announcements; multi-zone audio distribution
- lower installation costs than analog systems, reduced TCO (Total Cost of Ownership): standard Ethernet cabling, daisy-chain architecture, competitive cost per network node
- increased flexibility for system re-configuration

Live Sound:

- audio distribution for mobile installations
- near to real-time, very low latency (1.22 µsec. per network node)
- quick and easy system set up using standard Ethernet cables
- high-quality audio (24-bit at 48 KHz)

Broadcast:

- high-quality audio distribution, substitution of analog and digital matrixes for signal exchange between studios
- easy integration of Ethernet cabling into existing broadcast facilities
- near to real-time, very low latency (1.22 µsec. per network node)
- high-quality audio (24-bit at 48 KHz)

Residential:

- high-end stereo and home cinema
- quick and easy system set up
- high-quality audio (24-bit at 48 KHz)
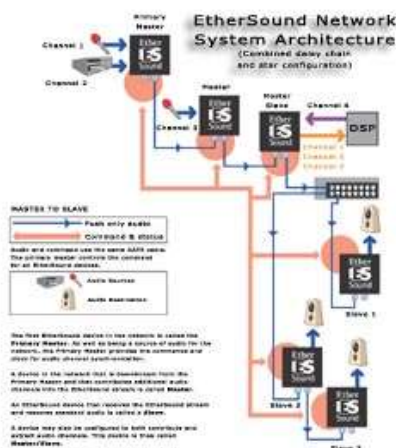
Conferencing and Intercom Systems

- lower installation costs than analog systems, reduced TCO (Total Cost of Ownership): standard Ethernet cabling, daisy-chain architecture,

competitive cost per network node
- higher number of channels with reduced sample rate

Audio equipment

EtherSound can bring network capabilities to the following and more audio devices:

- loudspeakers
- amplifiers and pre-amplifiers
- signal routers and processors
- public address equipment
- residential entertainment systems
- conferencing and intercom systems

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Read more about the EtherSound »