

*i*series Cost Effective Trader Voice Solutions

iD100 - Monitor Speaker

Features Include

- Four Listen Only Voice Channels
- Automatic Level Reduction (ALR)
- Channel Prioritization
- Visual Indication of Channel Activity and Priority Status
- Audio Distribution via Multicast, Unicast and S**b**RTP
- Comprehensive set of Embedded Security Options
- Specifically Designed Area for Channel Labeling
- Device Management via Speakerbus Browser-based Centralized Management System



iD100 - Monitor Speaker

Overview

The *i* series is a suite of Voice over Internet Protocol (VoIP) applications that increase the resilience, flexibility and power of trading room voice solutions, through a “Plug and Trade” approach to trader voice technology. Based on dedicated network hardware and Speakerbus’ Real Time Protocol (S**b**RTP) packet technology, the *i* series product family maintains traditional voice quality and scalability standards while offering an evolutionary migration to a pure VoIP environment.

The iD100 is the newest addition to the Speakerbus *i* series suite of IP enabled voice products. Speakerbus’ iD100 offers the user four channels of listen only audio monitoring with individual volume control and audio channel priority in a compact desktop module.

As part of the *i* series product family, the iD100 integrates with other Speakerbus solutions and existing voice systems. The iD100 is configured using Speakerbus’ centralized administration tool. Network management and peer to peer configuration capabilities are all backed by Speakerbus’ signature Plug and Trade guarantee.



Channel Capacity

- 4 x Listen Only Voice Services

Network Requirements

- Network 100 Base-Tx (full duplex)¹
- IP Addressing: Dynamic or Static
- DNS support: Microsoft Dynamic Domain Name system
- Voice LAN: Multicast network utilizing IGMP and supporting SbrTP
- Voice WAN: Unicast network supporting UDP
- Other supported network protocols: Ethernet, IPv4, DHCP, TCP/IP, DNS, HTTP and SNMP

VoIP Media

- Supported Codec types on the WAN: G.711 PCM 3.4KHZ A-law/U-law; G.729 Annex A – CS-ACELP; G.723.1 (6Kbps) MPC-MLQ (6KB)

System Management

- Optional browser based centralized management application for large scale deployments
- Individual device management via an integral HTTP server
- Browser support either IE 6.0 or higher and Mozilla Firefox 3.0 or higher
- SNMP Traps supported: coldstart, linkdown, linkup & authentication failure
- Embedded network statistical analysis
- Upgradeable Operating Firmware

Security Features

- Separate account profiles, independently password protected
- Encrypted passwords
- Ability to lock down individual device services including integral HTTP server and SNMP ports
- Configurable SNMP community string password
- Password protected engineering communications port
- Administrator defined HTTP inactivity time-out

Dimensions

- Desktop Mounted
- Housing ABS Plastic
- Width: 102mm
- Height: 117mm
- Depth: 162mm
- Weight: 0.6Kg
- Channel labbling height 12mm

Power Requirements

- Voltage 100-240VAC Nominal
- Frequency 50-60Hz AC
- DC Output 12 v 750mA

Interfaces

- Network Interface 10/100 BaseT Ethernet Auto Sensing
- LAN Connection RJ45 Socket
- 8 Pin Mini Din Com Port (reserved for use by Speakerbus)
- 2.5mm DC Outlet Socket

Environmental

- Loudspeaker Output 2W RMS
- Operating Temperature 0-35 C
- Relative Humidity 10% - 90%, non condensing

¹ Can also be used in conjunction with 10 Base-TX networks if used as a standalone device

