

*i*series Cost Effective Trader Voice Solutions

iE801 *i* turret 8 Speaker Expansion Module

Features Include

- Provides 8 Additional Speaker Channels
- Support for up to Two Expansion Modules per *i* turret
- Maximum of 24 Additional Speaker Channels per *i* turret
- Integral Speaker Pagination Enables Support for 96 Speaker User Defined Channels per Position
- Dedicated Speaker Group Keys and Speaker Muting Functions
- One Touch Answer and Dial Out from the Speaker Channel Key
- Tap to Latch and Push to Talk Channel Key Modes
- Left and Right Channel Speaker Mapping with Spatial Differentiation
- Powered via the *i* turret (iD808)
- Convenient Field Upgradable



iE801 - *i* turret Speaker Expansion Module

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 (SbRTP) packet technology, the *i* series product family maintains traditional voice quality and scalability standards while offering an evolutionary migration to a pure VoIP environment.

Speakerbus’ iD808 *i* turret is the next generation in IP trader voice solutions. The latest enhancement to the iD808 product suite is the iE801 speaker expansion module. The iE801 is one of a series of companion modules that expands the capabilities of the iD808 by providing extra speaker channels.

Additional features include; one touch answer and dial out from the speaker channel key; dedicated group keys; speaker muting functions and four pages of speaker channel assignment.

iE801 also allows the user to assign channels to the left, right or both speakers, enabling a maximum of 24 speaker channels per module. In tests this has shown to help spatial identify different trading groups.

Up to two iE801 expansion modules can be supported via a single iD808 turret enabling support for 94 speaker channels per position. The additional modules are powered by the associated iD808 via a link cable, removing the need for additional power supplies. Speakerbus’ iD808 is conveniently upgraded in the field, reducing the time and effort required to expand the unit.

User Features

- 8 Additional Speaker Channels
- Support for up to 96 Speaker Channels per Position using 4 pages of speaker pagination
- Integral Speaker Pagination
- User Configurable Function keys
- Up to 4 Dedicated Speaker Group Keys
- Dial Out Directly from the Speaker Channel key
- One Touch Answer
- Multiple Speaker Clearing Options
- Tap to Latch and Push to Talk Channel key modes
- Multiple Speaker Muting Functions
- Left and Right Channel Speaker Mapping with Spatial Differentiation

Network Requirements

- Network 100 Base-Tx (full duplex)
- IP Addressing: Dynamic or static
- DNS support: Microsoft Dynamic Domain Name System
- Voice LAN: Multicast network utilising IGMP and supporting SbRTP
- Voice WAN: Unicast network supporting UDP
- Other supported network protocols: Ethernet, IPv4, DHCP, TCP/IP, DNS 802.1p, 802.1q and SNMP

Interfaces

- 2 x Switched Network Interface 10/100 BaseT Ethernet Auto Sensing Port (RJ45 Sockets)
- 2.5mm DC Outlet Socket

System Management

- Browser based centralised management application
- Embedded User Configurable Menus
- Upgradeable Operating Firmware

General Characteristics

- Desktop mounted with adjustable height from 25 to 30 degrees
- Housing: ABS plastic
- Weight: 1kg

Audio Characteristics

- Shielded with Double Magnets

Power Requirements

- DC Output 12v 2.5A Passes power to the i turret (iD808) via a dedicated power link cable

Environmental

- Operating Temperature 0-35 C
- Relative Humidity 10% to 90%, non condensing

Keys/Pages	iD808 Main Module	iD808 with One iE801 Key Module	iD808 with Two iE801 Key Module
Number of Speaker Channels	8	16	24

Dimensions	Height (mm)	Width (mm)	Depth (mm)	Weight
iD808 Desk Station	200	340	50	2,000g
iD808 + 1 x iE801 Expansion Module	200	505	50	3,000g
iD808 + 2 x iE801 Expansion Modules	200	670	50	4,000g

Power	Typical	Minimum	Maximum
Mains Input Voltage		90v AC 47/63Hz	264v AC 47/63Hz
Power Consumption Single iD808	8.9W	7.6W	10.5W
Power Consumption iD808 with 1 x iE801	13.6W	10.8W	20.8W
Power Consumption iD808 with 2 x iE801	18.4W	14W	31.1W

All quoted figures are accurate to a tolerance of +/- 10%



i turret (iD808) with expansion module (iE801) attached