

# iSeries Trader Voice Solutions

## iD808 iTurret Desk Station

### Benefits and Capabilities

- Full Suite of Trader Voice Services (Telephony, Intercom, Hoot, Private Wires (ARD/MRD))
- Multi-Site Functionality
- 8 Modular Permutations
- Integrated Intercom
- Comprehensive Brokerage Speaker functionality
- Native Integration with Leading Unified Communications Vendors
- Mobility Options (Free Seating, Extension to Mobile)
- Web Based Management
- Certificated Recording Vendors
- Choice of High Availability Options
- Reduced Environmental Footprint by Design



iTurret Desk Station

### Overview

The iSeries product family is a suite of trader voice solutions that utilises the flexibility of IP technology. The iTurret integrates seamlessly with Unified Communication (UC) solutions from market leading vendors using a standards-based approach, coupled with its dedicated gateways. The iTurret delivers flexible multi-site trading functionality. Trading organisations have the option to choose from a family of products including; a Dealerboard, Intercom and Speakers, specifically designed for the most demanding markets.

Speakerbus' iTurret (iD808) provides a flexible approach to trading in a modular design. Its main module is the communication hub which can be augmented with expansion units for additional soft keys and speaker channels. Multi-line and multi-speaker functionality together with integrated intercom are complimented with full colour, high resolution screens in a contemporary design.

iTurrets' (iD808) ecosystem of technology partners delivers recording, billing, mobility, collaboration and resilience solutions to trading organisations of all sizes. Location independent trading, extending calls to users mobile devices, line sharing between iTurret (iD808) and business phone users, are all easily accessible at the point of trade. Platform high availability configurations and comprehensive voice recording resilience are engineered through iTurrets' (iD808) web based companion application, iManager Centralised Management System, maintaining critical trader voice operations.



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### Channel Capacity

- 10 x Simultaneous calls (Telephony, Private Wires (ARD / MRD) and Hoot 'n' Holler)
- 8 x Speaker channels (All call types)
- 11 x Party conference (no additional conference equipment required)

### Call Types

- Telephony
- Intercom (ICM)
- Hoot 'n' Holler
- Private Wires - ARD (Private Wire Automatic Ring Down) or MRD (Manual Ring Down)

### Input and Output Devices

- 1 x Gooseneck microphone (noise cancelling)
- 2 x Handsets momentary latching (noise cancelling)
- 1 x Handsfree full duplex microphone
- 1 x Speaker with up to 8 mixed channels
- 2 x Headsets Wired or Wireless<sup>1</sup>

### User Features

- Speakerbus iManager Appliances<sup>2</sup>
- Avaya Aura Session Manager<sup>2</sup>
- Cisco Unified Communications Manager<sup>2</sup>
- Integrated Intercom (Point 2 Point, Group Calls)
- Intelligent pagination
- 100 pages, 64 entries per page
- Max 600 configurable keys per iTurret
- 29 dedicated fixed function/hard keys
- 24 soft keys (including up to 8 x Speaker channels)
- 8 independent channel volume controls; 1 per speaker channel
- Master volume control
- Support for barge-in and privacy on private wires and telephony
- Support for programmable paginating and non paginating keys
- Style based visual architecture
- 32 Alert profiles
- Multiple speaker muting options
- Private directory with up to 500 entries
- Corporate directory with up to 15000 entries
- ICM group directory up to 2500 entries
- Line labelling up to 40 characters
- Single and double line styling
- 16 programmable colour styles
- Inbound caller ID matching and display

### Recording

- 6 Configurable IP recording streams (per iD808)
- Redundant recording support
- Call Data Records (CDR) output (per iD808)<sup>3</sup>

### 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

### VoIP Media

- SIP (using standards based RFC's)
- Supported Codec types on the WAN: G.711 PCM 3.4KHZ A-law/U-law; G.722 (48K); G.729 Annex A - CS-ACELP
- Speakerbus Trader Voice on LAN: Speakerbus Real Time Protocol (SbrTP) enhanced- 7KHZ voice bandwidth
- Typical latency over LAN 6ms (using 1ms packet sizes)
- Max Packet Loss on the LAN 5%
- Bandwidth optimisation techniques: VAD (Voice Activity Detection)
- Diffserv (RFC 2474) -Type of service field configurable

### System Management

- Web based centralised management application
- Embedded user configurable menus
- SNMP traps supported: coldstart, linkdown, linkup and authentication failure
- Upgradeable operating firmware

### Voice Characteristics

- Voice Frequency Range 50Hz - 7KHZ
- Microphone Sensitivity 63 ± or 3dB
- Loudspeaker Output 2W RMS

### Dimensions

- Desktop mounted with adjustable height from 25 to 60 degrees
- Housing ABS plastic
- Width: 340mm
- Height: 200mm
- Depth: 50mm
- Weight: 2Kg

### Power Requirements

- Voltage 90-264VAC nominal
- Frequency 47-63Hz AC
- DC Output 12 v 2.5A (30w)

### Interfaces

- 2 x Switched network interface 10/100 BaseT Ethernet auto sensing ports (RJ45 Sockets)
- 2 x Handset interface ports (RJ11 Sockets)
- 8 Pin Mini Din Com Port (reserved for use by Speakerbus)
- 2.5mm DC outlet socket

### Environmental

- Operating temperature 0-35 C
- Relative humidity 10% to 90%, non condensing
- Restriction Of Hazardous Substances (ROHS) directive compatible

<sup>1</sup> Certified for use with selective Plantronics and GN Netcom headsets

<sup>2</sup> Please contact Speakerbus for a comprehensive list of features

<sup>3</sup> Requires iManager Call Detailed Service (iCDS)