

SB 534 Trader Voice Solutions

SE 708 - 8 Channel Desk Station

Features Include

- High Resolution Color Screen
- 8 Simultaneous Loud-Speaking Voice Channels
- 16 Programmable Keys – Available Across Two Key Pages
- Individual Speed Key Labels – For Clear Identification of Broadcast Channels or Speed Dials.
- Multi-role LED Channel Indicators – Quickly Identify the State of Speed Keys with Colored LEDs
- Individual and Master Rotary Volume Controls – Instant Volume Adjustment
- Menu Driven Interface – For Ease of Access to Station Features and Directories.
- Headset Support with Future Support for Integrated PTT Handset.



SE 708 - 8 Channel Desk Station

Overview

The SE 708 is a future proof voice endpoint that supports a digital connection to the SB 534 trader voice platform and a future IP capability for the Speakerbus Instant Communications Server (ICS). (Please note that this datasheet provides details of the digital mode of operation only.)

Engineered for a multi-role capability, the SE 708 has a non-blocking VoIP architecture and audio sub-system that will provide the combined functionality of telephony, intercom and multi-channel speaker unit *.

To enable operation in a traditional digital environment the SE 708 supports the current SB 534 subscriber line connection with a software load to provide emulation of all SB 534 functions as currently provided by SE 407 digital station. This Digital Emulation mode enables existing digital intercom platform customers to plan their migration to IP while preserving their investment in the desk station.

When required, the SE 708 can be upgraded by downloading new firmware to the device via the Ethernet socket.

* Functionality becoming available when connected to the Speakerbus Next Generation (nGen) IP based platform

Channel Capacity

- 8 Dynamic channels (channel 1 shared with intercom traffic)

Call Types

- Hoot n' Holler-Broadcast
- Group Calls
- Dynamic Audio Conference
- Point 2 Point (P2P) Intercom

Feature Keys

- A range of feature keys to enable system functions as required

System Management

- Upgradeable operating firmware
- SNMP status monitoring via SB 534 centralized SNMP service
- Device supported on system software versions:
 - SB 534 V6.5
 - SB 534 V6.6
 - SB 534 V6.7

Input Devices

- Field replaceable Speakerbus pluggable gooseneck microphone
 - Cardioid Microphone (52-09-021) 500mm, 8.5 Diameter
 - Close Talking Noise Cancelling Microphone (52-09-022) 550mm, 8.5 Diameter
- Open microphone reserved for future functionality
- Optional handset (SE HSE TM): Speakerbus momentary latching noise cancelling handset
- Support for Plantronics SupraPlus headset¹ requires Speakerbus headset cable adapter. (RJ11 to RJ22 adaptor - SB. Part No. 10-04-087)

Voice Characteristics

- Voice Frequency Range 50Hz – 7KHZ
- Microphone Sensitivity 63 ± 3dB
- Loudspeaker Output 2W RMS ~73dBA @ .7m

Dimensions

- Housing: Black ABS/Steel
- Width: 166 mm (6.53 in)
- Height: 200 mm (7.87 in)
- Depth: 160 mm (5.90 in)
- Weight: 1.2KG (2.64 LB)

Power Requirements

- Power may be supplied via the SB 534 subscriber line connection or via the Ethernet interface. Power supply is switch selectable at the rear of the unit.
- PoE Class III IEEE 802.3af
- Typical: 6W
- Maximum: 12.95W

Cable Requirements

- Speakerbus SB 534 2B + D Interface
 - Cable: Minimum Category 5e UTP. Maximum length 400m
 - Connector: RJ-45
- Ethernet Interface (used for firmware upgrades)
 - Cable: Minimum Category 5e UTP. Maximum length 100m
 - Connector: RJ-45

Interfaces

- Speakerbus SB 534 2B+D interface
- Network interface 10/100 BaseT Ethernet auto sensing with PoE
- Handset interface port (RJ11 Socket)

Environmental

- Operating temperature - 5 – 35 °C (41 – 95 °F)
- Relative humidity 10% to 85% RH, non condensing
- Storage environment - Temperature 0°C – 60°C Humidity 10% – 85 % RH

Declaration of Conformity

- EN60950-1, EN55022 and EN55024.

Options

- Cardioid Gooseneck Microphone 500 mm x 8.5 mm (19.6 x 0.33 in) (order code 52-09-021)
- Noise Cancelling Gooseneck Microphone 550 mm x 8.5 mm (21.6 x 0.33 in) (order code 52-09-003)
- Handset Momentary Latching (order code SE HSE TM)

1 - RJ11 to Plantronics headset cable, required for SupraPlus. (Plantronics product code U10P-S Cable)



Rotary volume channel control, navigation and mode keys.



Illuminating LED indicators, home key & high resolution color screen.



Alpha numeric keypad & fixed function keys.