

VEB 21 | Network Paging Station

The VEB 21 converts a normal workstation PC into a full fledged Paging Station with additional features that never before could an ordinary paging console do. The operator now could make zone selection either from a graphical map or floor plan to assist the operator visually or from the GUI layout, similar to a paging console for button selection. The Text Streaming feature allows announcements to be entered in text, real-time or pre-stored. The text will then be synthesised into human voice and broadcasted. Text streaming assures that all announcements made are consistent in voice, pronunciation, rate of speech and loudness. VT 61 paging gooseneck microphone to be connected to the audio input of the PC is available for use with the VEB 21.



VEB 401 | Network Audio Insert

The VEB 401 accepts a single channel of analogue audio and streams out the audio via standard Ethernet (LAN). The unit will serve as a Background music source audio insert for most application allowing CD players, FM tuners and the likes to be stream to any destination zone within the project. The user can utilize the VEB 12-IPC Network System Manager to manage and control the routing pattern according to the user requirements remotely.



Technical Specification

VEB 401	
Input Sensitivity	0dBV (Stereo), RCA Connector
Networking	RJ45, 100 Mbps Ethernet
Audio Encoding Quality	CD Quality BGM Audio Codec
Application Interface	Built-in VectusNet Platform
Power Requirement	24 Vdc -1 A
Material & Finish	Mild Steel Casing, Black
Dimensions	107 x 46 x 124 mm (W x H x D)
Weight	0.41 kg

VEB 404-S | 4-Channel Network Audio Insert

The VEB 404-S accepts 4 stereo channels of analogue audio, encodes and streams all channels out simultaneously via standard Ethernet (LAN). The unit will serve as a background music source audio insert for most projects allowing CD players, FM tuners and the likes to be stream to any destination zone within the project. The user can utilize the Network System Manager to manage and control the routing pattern according to the user requirements remotely.



Technical Specification

VEB 404-S	
Input Sensitivity	4 Channels 0dBV (Stereo)
Input Impedance	20kΩ
Frequency Response	20Hz to 20kHz
Signal-to-Noise Ratio	>105dB
Audio Format	CD Quality BGM Audio Codec
Network Interface	RJ 45, 10/100 Mbps Ethernet TCP/IP
Indicators	Power, 4 nos. Input Signal and 4 nos. Line In Control
Line Control Input	4 nos. Dry Contact trigger for input activation
Power Requirements	DC 24V 0.75 A (18W, Fuse : 1.0A)
Back up Power	UPS
Material & Finish	Mild Steel Casing, Black
Dimensions	483 x 44 x 200 mm (W x H x D)
Weight	2.0 kg

VEB 601-S | Single Channel Network Audio Extract

The VEB 601-S extracts single channel of audio from the network and converts it back to analogue audio. This audio can then be fed into AEX SYSTEM's range of power amplifier models. Each unit has a unique IP address allowing the unit to receive audio from the desired source. Gain control can be remotely controlled using the Network System Manager via the network.



Technical Specification

VEB 601-S	
No. of Channels per unit	1 Channel
Line Out Audio Level	0 dBV (600Ω Balanced)
Audio Format	CD Quality BGM Audio Codec
Frequency Response	20Hz - 20kHz
Signal to Noise Ratio	>105dB
Total Harmonic Distortion	<0.05%
Network Interface	RJ 45,10/100 Mbps Ethernet TCP/IP
Indicators	Power, 1 nos. Analog Link & 1 nos. ATT OVR
Control Output	1 nos. ATT OVR & 1 nos. Control Output (user programmable)
Power Requirements	24Vdc (Regulated), 0.3A (Fuse:1.0A)
Material & Finish	Mild Steel Casing, Epoxy Coated Textured Black
Dimensions	215 x 44 x 150 mm (W x H x D)
Weight	1.3 kg

VEB 604-S | 4-Channel Network Audio Extract

The VEB 604-S extracts 4 channels of audio from the network and converts it back to analogue audio. This audio can then be then be fed into AEX SYSTEM's range of power amplifier models. Each of the 4 channels on the unit has a unique IP address allowing the unit to receive its own dedicated audio from desired sources available. Individual gain control can be remotely controlled using the Network System Manager via the network.



Technical Specification

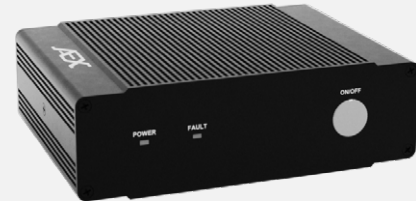
VEB 604-S	
No. of Channels per unit	4 Channels
Line Out Audio Level	0 dBV (600Ω Balanced)
Audio Format	CD Quality BGM Audio Codec
Frequency Response	20Hz - 20kHz
Signal to Noise Ratio	>105dB
Total Harmonic Distortion	<0.05%
Network Interface	RJ 45,10/100 Mbps Ethernet TCP/IP
Indicators	Power, 1 nos. Analog Link & 4 nos. ATT OVR
Control Output	4 nos. ATT OVR & 4 nos. Control Output (user programmable)
Power Requirements	24Vdc (Regulated), 0.75A (Fuse:1.0A)
Material & Finish	Mild Steel Casing, Epoxy Coated Textured Black
Dimensions	483 x 44 x 150 mm (W x H x D)
Weight	3.0 kg

VEB 6010PD-L | 100W Network Audio Amplifier

The VEB 6010PD-L 100W Network Audio Amplifier unit receives and decodes IP audio streams with a built-in 100W class-D Low Impedance audio amplifier. The unit is designed to work with the VEB 12-IPC Network System Manager as part of the VEB Series range of products. The unit reproduces high quality audio for music and paging announcements.

Technical Specification

VEB 6010PD-L	
Rated Output Power	2 x 50W , 4 Ω BTL (Stereo Mode) 1 x 100W, 2 Ω PBTL (Mono Mode)
Frequency Response	20Hz ~ 20kHz
Protection	Short circuit and overload protection
Networking	100 Mbps Ethernet
Audio Decoding Quality	CD Quality
Application Interface	Built-in VectusNet Platform
Power Requirement	24 Vdc -5 A
Material & Finish	Mild Steel Casing, Black
Dimensions	169 X 52 X 124 mm (W x H x D)
Weight	0.74 kg



VEB 6010PM-L | 100W Network Powered Mixer

The VEB 6010PM-L 100W Network Powered Mixer receives and decodes IP audio streams. The unit features a built-in 2 x 50W digital amplifier and is designed to power low impedance speaker systems for the distribution of high quality background music and paging announcement. The VEB 6010PM-L also has provision for one local Auxiliary and two Mic input to be connected directly to the unit. This makes the unit highly suitable for classrooms, conference rooms and small lecture hall applications where a local PA system is required. It allows all the distributed VEB 6010PM-L to be integrated over any existing LAN infrastructure. Once connected over the LAN, it forms a comprehensive network audio solution that can be managed from a central control room.

Technical Specification

VEB 6010PM-L	
Rated Output Power	2 x 50W , 4 Ω BTL (Stereo Mode) 1 x 100W, 2 Ω PBTL (Mono Mode)
Frequency Response	20Hz ~ 20kHz
Protection	Short circuit and overload protection
Networking	100 Mbps Ethernet
Audio Decoding Quality	CD Quality
Application Interface	Built-in VectusNet Platform
Power Requirement	24 Vdc -5 A
Material & Finish	Mild Steel Casing, Black
Dimensions	169 X 52 X 174 mm (W x H x D)
Weight	0.95 kg



VLS 12 | Network Matrix Expander

The Network Matrix Expander allows the increase of outputs within a PA System. These output can easily be created in accordance to the client's requirements and controlled to be switched ON or OFF (during announcements and music routing) directly via the LAN using the Network System Manager, Network Paging Console or the Network Paging Station. Each Network Matrix Expander is capable of providing 12 outputs and multiple unit can be used within a project for large scale applications.



Technical Specification

VLS 12	
Network Interface	RJ 45, 10/100 Mbps Ethernet TCP/IP
Indicators	Power, 12 nos. Zone status indicator (ON/OFF)
Number of Zones	12 nos.
Max. Current Handling per output	12 A per output (1200 W)
Power Requirements	24Vdc (Regulated), 0.42A (Fuse:1.0A)
Material & Finish	Mild Steel Casing, Black
Dimensions	483 x 44 x 150 mm (W x H x D)
Weight	2.1 kg

VEB 31 | Control Input Interface

The VEB 31 provides a means of interfacing with other third party equipment and sensors that are not network compliant. The unit is capable of receiving 60 opto-coupler dry contact closures which can be programmed to trigger a number of functions in the system such as an automated fire evacuation broadcast of pre-recorded messages when integrated with a Fire Alarm Panel.



Technical Specification

VEB 31	
Network Interface	RJ45, 10/100 Mbps Ethernet TCP/IP
Indicators	Power
Control Input	60 nos. Opto-coupler Control Input Sensors
Maximum Power	80Vdc
Maximum Current	5mA
Power Requirements	24Vdc (Regulated), 0.3A (Fuse:1.0A)
Material & Finish	Mild Steel Casing, Textured Black
Dimensions	483 x 44 x 150 mm (W x H x D)
Weight	2.2 kg

VEB 32 | Control Output Interface

The VEB 32 provides a means of interfacing and triggering other third party equipment that are not network compliant. The unit provides 60 opto-coupler output trigger, which can be used to trigger external relays and devices.



Technical Specification

VEB 32	
Network Interface	RJ45, 10/100 Mbps Ethernet TCP/IP
Indicators	Power
Control Input	60 nos. Opto-coupler Control Output
Power Requirements	24Vdc (Regulated), 0.7A (Fuse:1.0A)
Material & Finish	Mild Steel Casing, Textured Black
Dimensions	483 x 44 x 150 mm (W x H x D)
Weight	2.2 kg

VAC 04 | Network Automatic Amplifier Changeover Unit

VAC 08 | Network Automatic Amplifier Changeover Unit

The VAC 04 and VAC 08 Network Automatic Amplifier Changeover unit provides monitoring and surveillance of power amplifiers within a project via the LAN. The unit is capable of monitoring up to 4 units (VAC 04) and 8 units (VAC 08) of power amplifiers for faults. Upon fault detection the unit will automatically changeover the faulty amplifier to a standby amplifier and at the same time report the fault to the Network System Manager or Network Paging Station.



Technical Specification

	VAC 04	VAC 08
Network Interface	10/100 Mbps Ethernet TCP/IP	10/100 Mbps Ethernet TCP/IP
No. of channels per unit	4 Channels Duty, 1 Standby	8 Channels Duty, 1 Standby
Max. power handling per channel	1200 W	1200 W
Indicators	Power, 5 Bi-Colour indicators for 4 Duty and 1 Standby amplifier status	Power, 9 Bi-Colour indicators for 8 Duty and 1 Standby amplifier status
Power Requirements	24Vdc (Regulated), 0.33 A (Fuse:1.0A) 24Vdc (Regulated), 0.55 A (Fuse:1.0A)	24Vdc (Regulated), 0.33 A (Fuse:1.0A) 24Vdc (Regulated), 0.55 A (Fuse:1.0A)
Material & Finish	Mild Steel Casing, Black	Mild Steel Casing, Black
Dimensions	483 x 44 x 150 mm (W x H x D)	483 x 44 x 150 mm (W x H x D)
Weight	2.4 kg	2.5 kg

VEB 81 | SIP Audio Gateway

The VEB 81 provides a means of interfacing the VEB Series PA System with other third party SIP-enabled systems. An example of such integration would be with an IP Telephony/Intercom system. With the VEB 81 installed, it would allow any of the IP based handset units to select any of the PA System zones and make announcements through the handset unit.

Technical Specification

VEB 81	
Network Interface	RJ-45, 10/100 Mbps Ethernet (Auto), TCP/IP
Connectors	1 no. Single RJ 45 w/LED Network Connector
Indicators	1 no. Single RJ 45 w/LED Network Connector
Power Requirements	220/240 Vac 50/60 Hz, 50 mA
Material & Finish	Mild Steel Casing, Epoxy Coated Black
Dimensions	210 x 44 x 200 mm (W x H x D)
Weight	1.4 kg



VEB 82 | WIFI Audio Gateway

The VEB 82 WIFI Audio Gateway provides a means for remote devices such as the VEB 43 Network Paging Console to make access the PA System and make announcements via WIFI infrastructure. The VEB 82 WIFI Audio Gateway would also allow Android and iOS based portable devices with AEX System's proprietary VEB App to access and control the PA System wirelessly. The VEB 82 is capable of supporting up to 5 devices simultaneously at any given time.

Technical Specification

VEB 82	
Network Interface	10/100 Mbps Ethernet TCP/IP
No. of simultaneous client devices	Max. 5
Indicators	Power
Power Requirements	220 – 240 Vac, 50/60 Hz, 11 W 24 Vdc (Regulated), 0.3 A
Material & Finish	Mild Steel Casing, Epoxy Coated Black
Dimensions	210 x 44 x 200 mm (W x H x D)
Weight	2 kg



VEB 83 | Internet Audio Gateway

The VEB 83 Internet Audio Gateway allows access and control to the VEB Series PA System in remote locations via the internet. With the VEB 83 installed as part of the VEB Series PA System in a remote site, the user will be able to access the system and make announcements via the internet utilizing the VEB 21 Network Paging Station. Multiple sites with PA system could be integrated as a total system utilizing the VEB 83.

Technical Specification

VEB 83	
Network Interface	10/100 Mbps Ethernet TCP/IP
Indicators	Power
Power Requirements	220 – 240 Vac, 50/60 Hz, 11 W
Material & Finish	Mild Steel Casing, Epoxy Coated Black
Dimensions	210 x 44 x 200 mm (W x H x D)
Weight	2 kg

