



AEX VPA Series Business Audio Solution, the world first plug-and-play network business audio solution. It is capable to provide different audio signals to all its 4 audio zones independently. VPA series besides being the high quality network background music system for businesses is one of the most innovative solution focus on helping business owners in the retail, hospitality and F&B industry to improve their revenue. Our business audio solution can be controlled via our smartphone APP. Manually trigger a specific advertisement to play the moment a customer walks in the door depending on their profile.

App Paging is another feature unique to VPA series. This feature allows mass communication on the fly via our App through to the distributed speakers.

Our solution is simple to set up, designed to run on a combination of standard LAN infrastructure and AirStream Wireless audio technology for the speakers. This proprietary wireless audio streaming technology (that is neither Bluetooth nor WiFi) eases installation and setup cost; no fussy pulling of cabling to the speakers and at the same time guarantees reliability with zero audio drop-out.

VPA 21-IPC Network Audio Station

The Network Audio Station is designed to provide overall system governance of the VPA Network Business Audio Solution. The unit will provide the user interface for system initialization steps such as; VPA unit automatic nodes search, Music Playlist configuration, Time Scheduling and Audio Advertisement configuration. The Network Audio Station is capable of streaming 2 independent music streams, a microphone paging, Mobile App Paging, Scheduled Messages, Playing audio advertisement all simultaneously into all the zones within the system.



Technical Specifications

VPA 21-IPC	
Operating System	Microsoft Windows 7.0 Embedded
Software Framework	.Net Framework 4.6
Network Interface	10/100 Mbps Ethernet TCP/IP
Application Interface	Built-in VectusNet Platform
Memory	4GB
Storage	64GB mSATA
Ports	2 x USB2.0 / 2 x USB3.0 1 x VGA (D-sub) Out / 1 x HDMI Out 1 x Line-Out / 1 x Mic-In 1 x RJ45 LAN
Power Requirement	100 – 240Vac mains, 50/60Hz
Dimensions (W x H x D)	201 x 60 x 226 mm

VPA 43-10 Network Paging Console

The Network Paging Console for the VPA Series is a state of the art touchscreen based paging console unit. It allows the user to operate the unit as well as select the zones via a user friendly GUI. From this console, the user is able to manage his music playback, paging and advertisement. Being a network enabled console, the unit can be connected or relocated anywhere within the system without hassle - simply by connecting to the LAN's data-point.



Technical Specifications

VPA 43-10	
Network Interface	10/100 Mbps Ethernet TCP/IP
Touchscreen	10" Capacitive Touchscreen
Microphone	Non-removable Condenser Gooseneck Microphone with windshield
Application Interface	Built-in VectusNet Platform
Power Requirement	12Vdc, 2.5A (Power Adaptor included)
Dimensions (W x H x D)	195 x 65 x 190 mm

VPA 401 Network Audio Insert

The VPA 401 accepts an audio stereo input, encodes and streams it out via standard Ethernet (LAN). The unit will serve as a background music source audio insert for system that requires a CD players, FM tuners and the likes to be stream to any destination zone within the system. The user can manage this audio stream via the VPA 21-IPC Network Audio Station or the VPA 22-APP.



Technical Specifications

VPA 401	
Input Sensitivity	0dBV (Stereo) RCA
Audio Format	CD Quality BGM Audio Codec
Network Interface	10/100 Mbps Ethernet TCP/IP
Application Interface	Built-in VectusNet Platform
Ports	RJ45 LAN RCA Audio In
IP Setting	DIP switch
Power Requirement	24Vdc, 1A (Power Adaptor included)
Dimensions (W x H x D)	107 x 46 x 124 mm
Weight	0.40kg

VPA 6010PD-L 100W Network Audio Amplifier

The VPA 6010PD-L is the network amplifier that extracts single channel of audio from the network and converts it back to analogue audio. This audio amplifier is a high quality 2 x 50W (4 ohm) network Class-D amplifier. Gain control can be remotely controlled using the VPA 21-IPC Network Audio Station or VPA 22-APP.



Technical Specifications

VPA 6010PD-L	
Rated Output Power	2 x 50W, 4ΩBTL (Stereo Mode) 1 x 100W, 2ΩPBTL (Mono Mode)
Frequency Response	20Hz – 20kHz
Protection	Short Circuit and overload
Audio Decoding Quality	CD Quality
Network Interface	10/100 Mbps Ethernet TCP/IP
Application Interface	Built-in VectusNet Platform
Ports	RJ45 LAN 4-way panel feedthrough Audio Out XLR Line out
IP Setting	DIP switch
Power Requirement	24Vdc, 5A (Power Adaptor included)
Dimensions (W x H x D)	169 x 52 x 124mm
Weight	0.71kg

VPA 601-AS AirStream Network Audio Extract

The VPA 601-AS has an AirStream transmitter built-in. The AirStream wireless module features proprietary frequency band collision detection algorithms and an ultra-fast band switching mechanism to avoid other wireless interference. VPA 601-AS extracts single channel of audio from the network and wirelessly transmit the audio signal to the compatible AirStream speakers. Its gain control can be remotely controlled using the VPA 21-IPC Network Audio Station or VPA 22-APP.



Technical Specifications

VPA 601-AS	
Wireless protocol	AirStream
RF Band	5.2 & 5.8 GHz
Operating Range	30m line of sight
Frequency Response	20Hz – 20kHz
Audio Decoding Quality	CD Quality
Network Interface	10/100 Mbps Ethernet TCP/IP
Application Interface	Built-in VectusNet Platform
Ports	RJ45 LAN XLR Line Out
IP Setting	DIP switch
Power Requirement	24Vdc, 2A (Power Adaptor included)
Dimensions (W x H x D)	169 x 52 x 124mm
Weight	0.70kg