The VEB M+ Series is a reliable and easy-to-use Public Address System suitable for a wide range of small-to-large scale applications. Its single-box design makes it highly convenient, this network version available for larger installations with multiple zones or buildings. Users can manage and control multiple units from a single location, providing a seamless and efficient way to manage their Public Address System.

Below we have a few key points why everything build into a single unit saves time and money.

1. Complexity: Having multiple products requires multiple connections, which result in a complex setup and multiple points of failure due to human errors.
2. Increased Cost: Buying multiple products is more expensive than purchasing a single all-in-one solution.
3. Compatibility Issues: The products chosen for the system may not work seamlessly together, leading to compatibility issues that result in a system that does not work.
4. In the VEB M+ everything is integrated into a single unit, eliminating all the above problems, resulting in a more streamlined, efficient, and user-friendly solution.

The VEB M+ is also extremely light and compact. Technology has allowed AEX System to keep the VEB M+ extremely compact through advancements in miniaturization, integration of multiple components, and development of software with greater functionality replacing a lot of bulky hardware. This has lead to a smaller product with more capabilities.

VEB 6201 M+

The VEB M+ is based on AEX System's inhouse Class D Power amplifier which are efficient and have a lower operating cost and carbon footprint. There are number of advantage from AEX System Class D amplifier. Learn more →

VEB 6303 M+
VEB 6306 M+
VEB 6312 M+

The new Network PA System utilizes eco-friendly high efficiency Class D amplifiers that significantly reduce energy waste and carbon footprint.

Advanced amplifier technology enables extremely low standby power consumption compared to conventional amplifiers, further minimizing electricity usage.

Compact size achieved by the high-efficiency design reduces materials and space required, lowering cost and footprint.

Overall, the innovative Network PA System delivers top performance while committing to environmental sustainability.

The VEB M+ Series Integrated PA system unit has a built-in power amplifier for easy deployment. It provides 12-zone coverage expandable to 96 zones with the LS 12M+ Zone Expander and additional digital power amplifiers.

The VEB M+ Series integrates with the MEI 96M+ Automatic Evacuation Interface, enabling automated evacuation messaging.

The VEB M+ unit has built-in amplifier monitoring and changeover to an external standby amplifier if needed. It also includes an integrated siren and emergency microphone to meet fire regulation codes.

VEB 6201 M+

- All-in-one integrated PA system controller
- For use with external power amplifiers
- 12 zone outputs, expandable to 96 zones
- Media player: USB, SD, FM, Bluetooth
- Configurable via app: scheduled messages, paging, music
- Supports up to 8 remote mics
- Fire alarm interface triggers warning and evacuation messages
- Built-in siren tones
- Energy efficient design
- Highly scalable solution for medium to large installations

VEB 6303 M+ / VEB 6306 M+ / VEB 6312 M+

- All-in-one integrated PA system compliant with fire codes
- Built-in digital amplifier: 360W, 600W, or 1200W models
- Automatic changeover to standby amplifier
- 12 zone outputs, expandable to 96 zones
- Media player: USB, SD, FM, Bluetooth
- Configurable via app: scheduled messages, paging, music
- Supports up to 8 remote mics
- Fire alarm interface triggers warning and evacuation messages
- Built-in siren tones
- High efficiency Class D amplifier
- Low standby power consumption

Technical Specification

	VEB 6201 M+
Network Interface	10/100 Mbps Ethernet TCP/IP
Network Protocols	VECTUSNet
Power Requirement	24Vdc, 0.6A
Operating Temperature	5 °C to +45 °C
Material & Finish	Mild Steel Casing, Epoxy Coated Textured Black
Dimension	483 x 86 x 250 mm (W x H x D)
Weight	7.2 kg
M+ 200-DM Digital Media Player	
Audio Sources	USB Player (MP3 format) TF Card (MP3 format) FM Tuner AEX Bluetooth Function with: - Timer Scheduled messages - Wireless App Paging - Remote Message triggering - Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo AUX 3: 0dB Stereo
M+ 202-FA Fire Alarm Interface Module	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 format), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Message Player	
Configuration method	USB port with GUI Engineering Tool
Time Schedule Slots	100 time schedule slots. Repeatable and one-time event
Time Schedule Data Storage	High speed non-volatile EEPROM
Schedule Message Player	Internal MP3 Player
MP3 Message storage	Onboard 16GB SD card
Audio Output	0dB Balanced Audio
M+ 208-RM Remote Microphone Receiver Module	
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	0dB Balanced Audio
External Zone Control	RS 485 Communication
M+ 01-EP Emergency Paging Microphone Panel	
Microphone	Dynamic Microphone (Unidirectional)
Frequency Response	280 Hz ~ 9 kHz
Output Impedance	600 Ω unbalanced
Output Level	-72 dB +/- 3 dB (at 1 kHz)
Mic Activation	Press to talk
Siren	Continuous On trigger
Messages	Preloaded : Warning Message (MP3), Evacuation Message (MP3)
M+ LS12 Zone Expander	
Load handling per Channel	500W 100Vline
Output Zone	12 Zones
Zone Selection	Front Mechanical Push Button R-Comm RS485 from Remote paging console

Technical Specification

	VEB 6303 M+
Network Interface	10/100 Mbps Ethernet TCP/IP
Network Protocols	VECTUSNet
Power Requirement	AC Mains 115-240Vac UPS Backup : 391VA
Operating Temperature	5 °C to +45 °C
Material & Finish	Mild Steel Casing, Epoxy Coated Textured Black
Dimension	483 x 86 x 400 mm (W x H x D)
Weight	8.1 kg
M+ 200-DM Digital Media Player	
Audio Sources	USB Player (MP3 format) TF Card (MP3 format) FM Tuner AEX Bluetooth Function with: - Timer Scheduled messages - Wireless App Paging - Remote Message triggering - Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo AUX 3: 0dB Stereo
M+ 202-FA Fire Alarm Interface Module	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 format), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Message Player	
Configuration method	USB port with GUI Engineering Tool
Time Schedule Slots	100 time schedule slots. Repeatable and one-time event
Time Schedule Data Storage	High speed non-volatile EEPROM
Schedule Message Player	Internal MP3 Player
MP3 Message storage	Onboard 16GB SD card
Audio Output	0dB Balanced Audio
M+ 208-RM Remote Microphone Receiver Module	
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	0dB Balanced Audio
External Zone Control	RS 485 Communication
M+ 01-EP Emergency Paging Microphone Panel	
Microphone	Dynamic Microphone (Unidirectional)
Frequency Response	280 Hz ~ 9 kHz
Output Impedance	600 Ω unbalanced
Output Level	-72 dB +/- 3 dB (at 1 kHz)
Mic Activation	Press to talk
Siren	Continuous On trigger
Messages	Preloaded : Warning Message (MP3), Evacuation Message (MP3)
M+ LS12 Zone Expander	
Load handling per Channel	500W 100Vline
Output Zone	12 Zones
Zone Selection	Front Mechanical Push Button R-Comm RS485 from Remote paging console
M+ 1030-PD 360W Digital Power Amplifier	
Power Amplification	360W (100V line) Class-D power amplifier
Rated Load Impedance	27.7 Ω
Frequency Response	20Hz-20kHz
Signal to Noise Ratio	>105dB
THD + Noise	< 1% (rated power output)
Power Efficiency	>92%
Standby Power Consumption	1.2W
M+ AC01 Automatic Amplifier Monitoring and Changeover	
Max Power Handling Per Channel	360W
Number of Amplifier channels	2 Channels (1 Duty, 1 Standby)
Changeover Mechanism	Fast switching dry contact relay

Technical Specification

	VEB 6306 M+
Network Interface	10/100 Mbps Ethernet TCP/IP
Network Protocols	VECTUSNet
Power Requirement	AC Mains 115-240Vac UPS Backup : 652VA
Operating Temperature	5 °C to +45 °C
Material & Finish	Mild Steel Casing, Epoxy Coated Textured Black
Dimension	483 x 86 x 400 mm (W x H x D)
Weight	8.1 kg
M+ 200-DM Digital Media Player	
Audio Sources	USB Player (MP3 format) TF Card (MP3 format) FM Tuner AEX Bluetooth Function with: - Timer Scheduled messages - Wireless App Paging - Remote Message triggering - Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo AUX 3: 0dB Stereo
M+ 202-FA Fire Alarm Interface Module	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 format), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Message Player	
Configuration method	USB port with GUI Engineering Tool
Time Schedule Slots	100 time schedule slots. Repeatable and one-time event
Time Schedule Data Storage	High speed non-volatile EEPROM
Schedule Message Player	Internal MP3 Player
MP3 Message storage	Onboard 16GB SD card
Audio Output	0dB Balanced Audio
M+ 208-RM Remote Microphone Receiver Module	
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	0dB Balanced Audio
External Zone Control	RS 485 Communication
M+ 01-EP Emergency Paging Microphone Panel	
Microphone	Dynamic Microphone (Unidirectional)
Frequency Response	280 Hz ~ 9 kHz
Output Impedance	600 Ω unbalanced
Output Level	-72 dB +/- 3 dB (at 1 kHz)
Mic Activation	Press to talk
Siren	Continuous On trigger
Messages	Preloaded : Warning Message (MP3), Evacuation Message (MP3)
M+ LS12 Zone Expander	
Load handling per Channel	500W 100Vline
Output Zone	12 Zones
Zone Selection	Front Mechanical Push Button R-Comm RS485 from Remote paging console
M+ 1060-PD 600W Digital Power Amplifier	
Power Amplification	600W (100V line) Class-D power amplifier
Rated Load Impedance	16.6 Ω
Frequency Response	20Hz-20kHz
Signal to Noise Ratio	>105dB
THD + Noise	< 1% (rated power output)
Power Efficiency	>92%
Standby Power Consumption	1.2W
M+ AC01 Automatic Amplifier Monitoring and Changeover	
Max Power Handling Per Channel	600W
Number of Amplifier channels	2 Channels (1 Duty, 1 Standby)
Changeover Mechanism	Fast switching dry contact relay

Technical Specification

	VEB 6312 M+
Network Interface	10/100 Mbps Ethernet TCP/IP
Network Protocols	VECTUSNet
Power Requirement	AC Mains 115-240Vac UPS Backup : 1304VA
Operating Temperature	5 °C to +45 °C
Material & Finish	Mild Steel Casing, Epoxy Coated Textured Black
Dimension	483 x 86 x 400 mm (W x H x D)
Weight	8.1 kg
M+ 200-DM Digital Media Player	
Audio Sources	USB Player (MP3 format) TF Card (MP3 format) FM Tuner AEX Bluetooth Function with: - Timer Scheduled messages - Wireless App Paging - Remote Message triggering - Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo AUX 3: 0dB Stereo
M+ 202-FA Fire Alarm Interface Module	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 format), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Message Player	
Configuration method	USB port with GUI Engineering Tool
Time Schedule Slots	100 time schedule slots. Repeatable and one-time event
Time Schedule Data Storage	High speed non-volatile EEPROM
Schedule Message Player	Internal MP3 Player
MP3 Message storage	Onboard 16GB SD card
Audio Output	0dB Balanced Audio
M+ 208-RM Remote Microphone Receiver Module	
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	0dB Balanced Audio
External Zone Control	RS 485 Communication
M+ 01-EP Emergency Paging Microphone Panel	
Microphone	Dynamic Microphone (Unidirectional)
Frequency Response	280 Hz ~ 9 kHz
Output Impedance	600 Ω unbalanced
Output Level	-72 dB +/- 3 dB (at 1 kHz)
Mic Activation	Press to talk
Siren	Continuous On trigger
Messages	Preloaded : Warning Message (MP3), Evacuation Message (MP3)
M+ LS12 Zone Expander	
Load handling per Channel	500W 100Vline
Output Zone	12 Zones
Zone Selection	Front Mechanical Push Button R-Comm RS485 from Remote paging console
M+ 1120-PD 1200W Digital Power Amplifier	
Power Amplification	1200W (100V line) Class-D power amplifier
Rated Load Impedance	8.3 Ω
Frequency Response	20Hz-20kHz
Signal to Noise Ratio	>105dB
THD + Noise	< 1% (rated power output)
Power Efficiency	>92%
Standby Power Consumption	1.2W
M+ AC01 Automatic Amplifier Monitoring and Changeover	
Max Power Handling Per Channel	1200W
Number of Amplifier channels	2 Channels (1 Duty, 1 Standby)
Changeover Mechanism	Fast switching dry contact relay