



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.

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 →](#)



<p>The new Network PA System utilizes eco-friendly high efficiency Class D amplifiers that significantly reduce energy waste and carbon footprint.</p>	<p>Advanced amplifier technology enables extremely low standby power consumption compared to conventional amplifiers, further minimizing electricity usage.</p>	<p>Compact size achieved by the high-efficiency design reduces materials and space required, lowering cost and footprint.</p>	<p>Overall, the innovative Network PA System delivers top performance while committing to environmental sustainability.</p>

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

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
Frequency Response	20Hz-20kHz
Signal to Noise Ratio	>105dB
THD + Noise	< 1% (rated power output)
Power Efficiency	>92%
Standby Power Consumption	1.2W

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