







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  $\rightarrow$ 







The new Network PA System utilizes ecofriendly 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 builtin 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
- 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 Pla	ayer
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
selector switch)	AUX 3: OdB Stereo
M+ 202-FA Fire Alarm Interfac	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 for-
	mat), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Me	essage Player
Configuration method	USB port with GUI Engineering Tool
Fime 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	OdB Balanced Audio
M+ 208-RM Remote Microph	one Receiver Module
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	OdB Balanced Audio
External Zone Control	RS 485 Communication
M+ 01-EP Emergency Paging	Microphone Panel
Microphone	Dynamic Microphone (Unidirectional)
requency 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	
oad handling per Channel	500W 100Vline
Output Zone	12 Zones
Zone Selection	Front Mechanical Push Button R-Comm RS485 from Remote paging console
requency Response	20Hz-20kHz
Signal to Noise Ratio	>105dB
THD + Noise	< 1% (rated power output)
Power Efficiency	>92%
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Technical Specification

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 Play	yer
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
A107 A 12 1 1 1 1 1	- Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo
January Station,	AUX 3: OdB Stereo
M+ 202-FA Fire Alarm Interface	e Module
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 for-
	mat), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Me	ssage 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	OdB Balanced Audio
M+ 208-RM Remote Micropho	one Receiver Module
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	OdB Balanced Audio
External Zone Control	RS 485 Communication
M+ 01-EP Emergency Paging I	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	.5.( .)
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 Pov	
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+ ACO1 Automatic Amplifier	
Max Power Handling Per Channel	360W
Number of Amplifier	2 Channels (1 Duty, 1 Standby)
channels	2 S.I.S.III (1 Daily, 1 Sidilaby)
Changeover Mechanism	Fast switching dry contact relay
J	. 5 . ,



Technical Specification

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 Pla	yer
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
ALDY A. III. I	- Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo
ociceioi siviicii)	AUX 3: OdB Stereo
M+ 202-FA Fire Alarm Interfac	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 for-
	mat), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Me	ssage 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	OdB Balanced Audio
M+ 208-RM Remote Micropho	one Receiver Module
	BB 4858 118 111
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Comm Port Remote Mic Audio Input	RS 485 Serial Communication  OdB Balanced Audio
Remote Mic Audio Input External Zone Control	OdB Balanced Audio RS 485 Communication
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging	OdB Balanced Audio RS 485 Communication Microphone Panel
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional)
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional)  280 Hz ~ 9 kHz
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 \( \Omega\) unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 \( \Omega\$ unbalanced -72 \( \Omega\$ Hz/-3 \( \Omega\$ Big (t) E Hz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Q unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 \( \Omega\$ unbalanced -72 \( \Omega\$ Hz/-3 \( \Omega\$ Big (t) E Hz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console
Remote Mic Audio Input  External Zone Control  M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages  M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection  M+ 1060-PD 600W Digital Po	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 \( \Omega\$ unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Q unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  600W (100V line) Class-D power amplifier
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 GB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  600W (100V line) Class-D power amplifier 16.6 Ω
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 \( \Omega\$ unbalanced -72 \( \Omega\$ H -/- 3 \( \omega\$ dB (at 1 \) kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  600W (100V line) Class-D power amplifier 16.6 \( \Omega\$ 2 20Hz-20kHz >105dB
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92%
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92% 1.2W
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92% 1.2W  Monitoring and Changeover
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92% 1.2W
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per Channel	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92% 1.2W  Monitoring and Changeover 600W
Remote Mic Audio Input External Zone Control M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92% 1.2W  Monitoring and Changeover
Remote Mic Audio Input  External Zone Control  M+ 01-EP Emergency Paging Microphone Frequency Response Output Impedance Output Level Mic Activation Siren Messages  M+ LS12 Zone Expander Load handling per Channel Output Zone Zone Selection  M+ 1060-PD 600W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per Channel Number of Amplifier	OdB Balanced Audio RS 485 Communication  Microphone Panel  Dynamic Microphone (Unidirectional) 280 Hz ~ 9 kHz 600 Ω unbalanced -72 dB +/- 3 dB (at 1 kHz)  Press to talk  Continuous On trigger  Preloaded: Warning Message (MP3), Evacuation Message (MP3)  500W 100Vline 12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 600W (100V line) Class-D power amplifier 16.6 Ω 20Hz-20kHz >105dB < 1% (rated power output) >92% 1.2W  Monitoring and Changeover 600W

Technical Specification	
	VEB 6312 M+
Network Interface	10/100 Mbps Ethernet TCP/IP
Network Protocols	VECTUSNet
Power Requirement	AC Mains 115-240Vac
i one nequirement	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 Pla	T T
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
AUN A 11 1 1 1 1	- Timer Scheduled Music
AUX Audio Inputs (c/w Selector switch)	AUX 1: 0dB Stereo AUX 2: 0dB Stereo
Sciecioi swiicii)	AUX 3: OdB Stereo
M+ 202-FA Fire Alarm Interfac	
Fire Alarm Interface Inputs	2 nos Dry Contact: Warning Message (MP3 for-
rii e Alaiiii iiiieriace inpuis	mat), Evacuation Message (MP3 format)
M+ 100-PT Time Schedule Me	
	T
Configuration method	USB port with GUI Engineering Tool
Time Schedule Slots	100 time schedule slots. Repeatable and one-
Time Cale dala Bata Standard	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	OdB Balanced Audio
M+ 208-RM Remote Micropho	one Receiver Module
Remote Mic Comm Port	RS 485 Serial Communication
Remote Mic Audio Input	OdB 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	
M+ LS12 Zone Expander Load handling per Channel	Message (MP3) 500W 100Vline
-	
Load handling per Channel	500W 100Vline 12 Zones Front Mechanical Push Button
Load handling per Channel Output Zone Zone Selection	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console
Load handling per Channel Output Zone	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console
Load handling per Channel Output Zone Zone Selection	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console
Load handling per Channel Output Zone Zone Selection M+ 1120-PD 1200W Digital Po	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console wer Amplifier
Load handling per Channel Output Zone Zone Selection M+ 1120-PD 1200W Digital Po Power Amplification	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console wer Amplifier 1200W (100V line) Class-D power amplifier
Load handling per Channel Output Zone Zone Selection M+ 1120-PD 1200W Digital Po Power Amplification Rated Load Impedance Frequency Response	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console wer Amplifier 1200W (100V line) Class-D power amplifier 8.3 Q
Load handling per Channel Output Zone Zone Selection M+ 1120-PD 1200W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio	500W 100Vline  12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB
Load handling per Channel Output Zone Zone Selection  M+ 1120-PD 1200W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise	500W 100Vline  12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output)
Load handling per Channel Output Zone Zone Selection  M+ 1120-PD 1200W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier 1200W (100V line) Class-D power amplifier 8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%
Load handling per Channel Output Zone Zone Selection  M+1120-PD 1200W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%  1.2W
Load handling per Channel Output Zone Zone Selection  M+1120-PD 1200W Digital Po Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%  1.2W  Monitoring and Changeover
Load handling per Channel Output Zone Zone Selection  M+ 1120-PD 1200W Digital Port Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%  1.2W
Load handling per Channel Output Zone Zone Selection  M+ 1120-PD 1200W Digital Port Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per Channel	500W 100Vline  12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%  1.2W  Monitoring and Changeover  1200W
Load handling per Channel Output Zone Zone Selection  M+ 1120-PD 1200W Digital Port Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per Channel Number of Amplifier	500W 100Vline 12 Zones Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%  1.2W  Monitoring and Changeover
Load handling per Channel Output Zone Zone Selection  M+ 1120-PD 1200W Digital Port Power Amplification Rated Load Impedance Frequency Response Signal to Noise Ratio THD + Noise Power Efficiency Standby Power Consumption M+ AC01 Automatic Amplifier Max Power Handling Per Channel	500W 100Vline  12 Zones  Front Mechanical Push Button R-Comm RS485 from Remote paging console  wer Amplifier  1200W (100V line) Class-D power amplifier  8.3 \( \Omega \) 20Hz-20kHz >105dB <1% (rated power output) >92%  1.2W  Monitoring and Changeover  1200W

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