



5 power classes
120-240-360-480-600 W



VLM -206

Supplied with 19" mounting brackets

Description

The "VARIO-LINE" amplifier and microphone system permits the switching of up to **6 speaker zones** and of the all-call function as well as the setting of the desired volume for each zone from the central unit. The amplifier can be used with any microphone, but has been optimized for the use with the "VARIO-LINE" microphone stations VLM-100, VLM-106 (digital remote control of the speaker zones) and VLM-206 (digital remote control of the speaker zones and the DM-10 digital announcement module).

Please consider the following features:

- Inputs 1 - 3 can be switched to MIC or LINE. The respective volume as well as treble and bass are controlled separately and have always priority over LINE-IN.
- All MIC inputs have gain control and switchable phantom power. The priority switches define the priority of the inputs.
- The MIC inputs are balanced combo sockets. MIC-1 is additional on 7-pin DIN socket for VLM-100. The LINE inputs are RCA sockets.
- Optionally available are the Module FD-21 monitor the amplifier. Further available the Module FM-30 with fan/fuse fault relay contacts and the FS-40 Frequency-Shift-Module.
- The AMP-IN and PRE-OUT sockets allow cascading of further amplifiers. The 5 output circuits may also be used for this purpose after they have been modified (VLZ-SERVICE 01).
- The amplifier operates on mains power (230 V) or 24 V DC (emergency power supply).
- The unit is also equipped with an electronic 2- or 4-tone chime (switchable), an electronic siren (high-low, switchable to alarm sound) and a telephone paging input (Line-in with priority); all these signals can be controlled separately on the front panel.

- A special feature of all models is the option for integrating a sound source module. An empty compartment is provided for the installation of an additional module. The following modules are available:

FM/AM tuner module

12 x FM + 6 x AM memory stations

TP-10



Cassette player module

Autoreverse and pause function

CP-10



Cassette/tuner module

Functions of TP-10 and CP-10

CR-10



CD/MP3- player module

Repeat, Random, etc.

GDP-10 M



MP3

CD/MP3- tuner module

RDS-Tuner and MP3-/CD-Player

CDR-10 RDS



MP3

RDS

Digital text module

6 texts up to 4 min. 28 sec.

DM-10



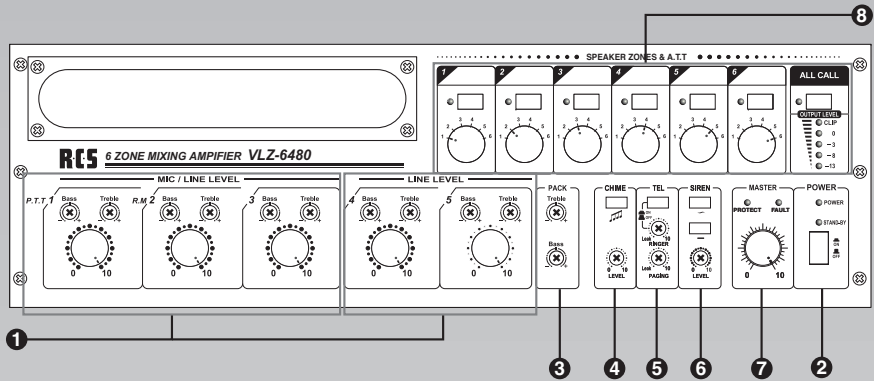
For a detailed description of the modules see pages 20 and 21.

Model designations

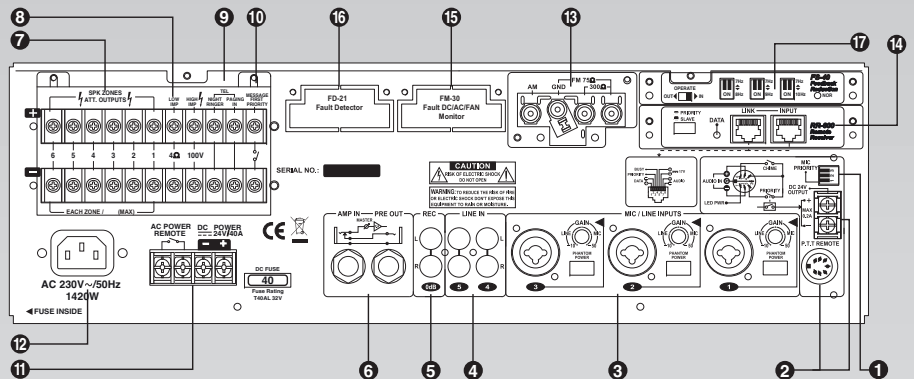
- 6-ZONES „VARIO-LINE“, 120 W (3 RU)..... VLZ-6120 A**
- 6-ZONES „VARIO-LINE“, 240 W (3 RU)..... VLZ-6240 A**
- 6-ZONES „VARIO-LINE“, 360 W (3 RU)..... VLZ-6360 A**
- 6-ZONES „VARIO-LINE“, 480 W (3 RU)..... VLZ-6480 A**
- 6-ZONES „VARIO-LINE“, 600 W (3 RU)..... VLZ-6600 A**

FRONT VIEW

- 1 Inputs for MIC / LINE control
- 2 Power switch
- 3 Bass/Treble control for embedded moduls
- 4 Chime switch and volume control
- 5 NIGHT-RINGER switch, volume control for RINGER and Paging-input
- 6 Siren switch, up-down tone / constant tone and volume control for siren
- 7 Master volume control
- 8 6 zones, all-call switch and control unit



- 1 MIC priority switch
- 2 MIC-1 with chime release for VLM-100 (7-pin)
- 3 MIC / LINE Inputs 1 – 3
- 4 LINE Inputs 4 + 5
- 5 REC output, unbalanced 0dB
- 6 AMP-IN and PRE-OUT, Jack 6,3 mm, unbalanced
- 7 100 V and 70 V speaker outputs, 6 separately controlled circuits
- 8 Low impedance outputs, 4 ohms
- 9 NIGHT-RINGER and PAGING-IN
- 10 Terminal for priority switch of the Digital text module DM-10
- 11 Terminal for 24V DC power supply and Power Remote
- 12 IEC power inlet (cold condition)
- 13 Antenna terminal (only with installed tuner module)
- 14 Terminal for remote microphone desks VLM-106/206
- 15 Shaft for optional Error Monitoring Module FM-30
- 16 Shaft for optional pilot tone Module FD-21
- 17 Shaft for optional Frequency Shift-Module FS-40



REAR VIEW

Technical Data	VLZ-6120 A	VLZ-6240 A	VLZ-6360 A	VLZ-6480 A	VLZ-6600 A
Output power	120 W RMS	240 W RMS	360 W RMS	480 W RMS	600 W RMS
Frequency resp., noise level	55 Hz – 16.000 Hz (better than -3 dB), MIC better than 70 dB, LINE better than 80 dB				
THD at 1 kHz	better than 1 % at 1kHz				
Inputs MIC – AUX/LINE	All Mic/Line-Inputs are electronically balanced. Input 1+2 with priority. All Inputs feature combo-females (Jack 6,3 mm, XLR) Mic: -50dB (2,45 mV), Line: -10dB (245 mV)				
Outputs, speakers	100 V, 70 V, low impedance 4 ohms,				
Additional input or output	AMP-IN: +4dB (1,23 V), PRE-OUT: 0dBu (775 mV)				
Chime and Siren	2- or 4-tone chime (switchable); siren with up-down or continuous tone (adjustable on the frontside)				
Power Supply AC/DC	AC 230 V (50/60 Hz), 24V DC				
Dimensions (WxHxD)/weight	483x133x350 mm; 13 kg	483x133x350 mm; 14 kg	483x133x350 mm; 19 kg	483x133x350 mm; 20 kg	483x133x350 mm; 22 kg