VLM-100 A | for all-call

Microphone desk (condenser) with pre-announcement chime, priority switching via RJ-45 connection.

Microphone desk .... **VLM-100 A**

VLM-106 | for 5 zones

Digital microphone desk to select and control 5 speaker zones. Pre-announcement chime and all-call.

VLM-105   VLE-004

Microphone desk **VLM-105**
Microphone desk .... **VLM-105 WO**
as VLM-105 but without interface RR-10

Function extension module **VLE-004**
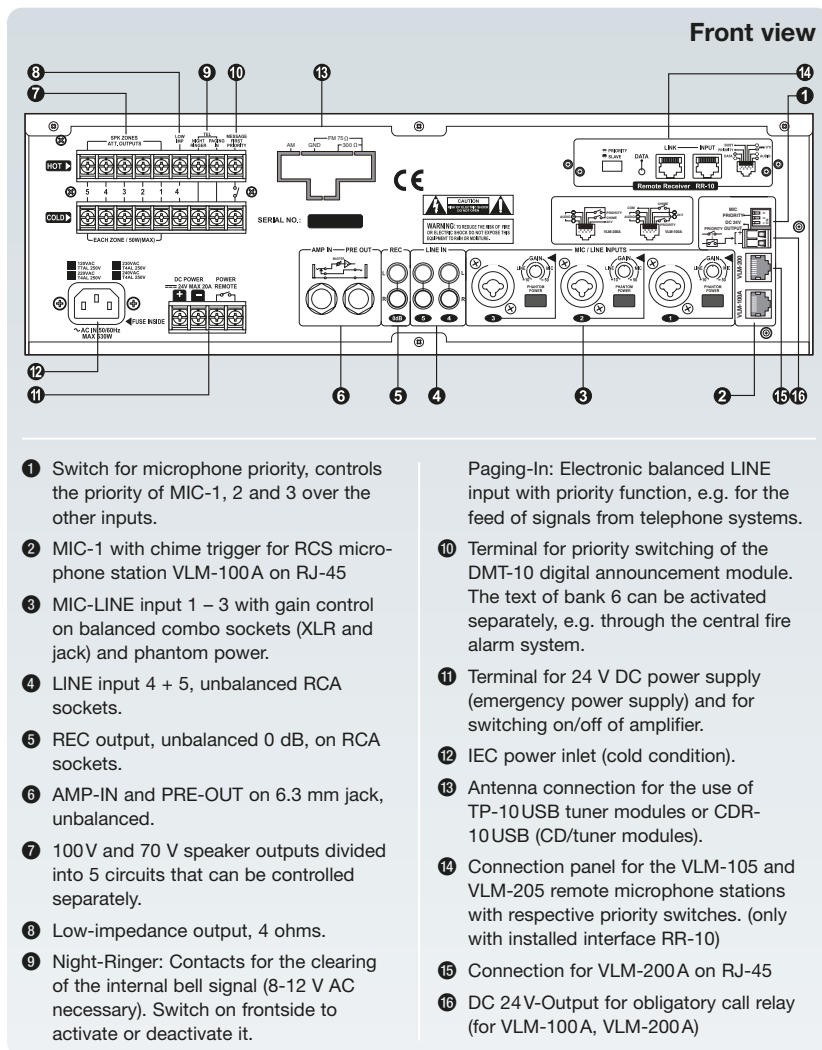to remote special functions (via separate line)

VLM-205 | for 5 zones & text module

Digital microphone desk to select and control 5 seperately speaker zones, further for remote control of the digital text module DMT-10.

Microphone desk **VLM-205**
Microphone desk .... **VLM-205 WO**
as VLM-205 but without interface RR-10

Front view

❶ Switch for microphone priority, controls the priority of MIC-1, 2 and 3 over the other inputs.

❷ MIC-1 with chime trigger for RCS microphone station VLM-100 A on RJ-45

❸ MIC-LINE input 1 – 3 with gain control on balanced combo sockets (XLR and jack) and phantom power.

❹ LINE input 4 + 5, unbalanced RCA sockets.

❺ REC output, unbalanced 0 dB, on RCA sockets.

❻ AMP-IN and PRE-OUT on 6.3 mm jack, unbalanced.

❼ 100 V and 70 V speaker outputs divided into 5 circuits that can be controlled separately.

❽ Low-impedance output, 4 ohms.

❾ Night-Ringer: Contacts for the clearing of the internal bell signal (8-12 V AC necessary). Switch on frontside to activate or deactivate it.

Paging-In: Electronic balanced LINE input with priority function, e.g. for the feed of signals from telephone systems.

❿ Terminal for priority switching of the DMT-10 digital announcement module. The text of bank 6 can be activated separately, e.g. through the central fire alarm system.

⓫ Terminal for 24 V DC power supply (emergency power supply) and for switching on/off of amplifier.

⓬ IEC power inlet (cold condition).

⓭ Antenna connection for the use of TP-10 USB tuner modules or CDR-10 USB (CD/tuner modules).

⓮ Connection panel for the VLM-105 and VLM-205 remote microphone stations with respective priority switches. (only with installed interface RR-10)

⓯ Connection for VLM-200 A on RJ-45

⓰ DC 24 V-Output for obligatory call relay (for VLM-100 A, VLM-200 A)

Technical data	VLA-120 C – VLA-240 C
Output power	VLA-120: 120 W RMS (max. 180 W) – VLA-240 C: 240 W RMS (max. 360 W)
Frequency resp., noise level	50 Hz – 18.000 Hz (better than -3 dB), MIC better than 70 dB, LINE better than 80 dB
THD	better than 1% at 1 kHz
Inputs	MIC/LINE 1– 3: -50 dBu (2.45 mV), 5 kohms, balanced MIC/LINE 1– 3: -10 dBu (245 mV), 5 kohms, balanced LINE 4 – 5: -10 dBu (245 mV), 15 kohms, unbalanced TEL-PAGING: -10 dBu (245 mV), 10 kohms, electr. balanced REMOTE-MIC: -50 dBu (2.45 mV), 5 kohms, unbalanced AMP-IN: 0 dBu (775 mV), 10 kohms, unbalanced
Outputs	REC-OUT: 0 dBu (775 mV), 3 kohms, unbalanced PRE-OUT: 0 dBu (775 mV), 100 ohms, unbalanced
Outputs, speakers	100 V or 70 V and 4 ohms low-impedance Controller steps: 100 V – 70 V – 50 V – 25 V – 12.5 V – 8.9 V on 5 zones and all-call
Two- or Fourtone chime	volume can be set on the front panel, chime type switchable by jumper
Siren	continuous tone or high-low, can be set on front panel
Telephone paging	can be set on the front panel (night ringer also adjustable)
Phantom power	on all MIC inputs (combo socket for XLR and 6.3 mm jack)
Treble and bass controls	on the front panel, separately for inputs 1 – 5 and audio source module
Gain	on the front panel for inputs 1 – 3
Priority	can be set separately for MIC 1 – 3 on the rear
Power supply	230 V mains (50/60 Hz) and 24 V DC (emergency power supply)
Power consumption	VLA-120 C: 350 W – VLA-240 C: 630 W VLA-120 C: 1/8-0,8 A – rated-1.8 A – VLA-240 C: 1/8-1.6 A – rated-3,2A
Dimensions W x H x D / Weight	483 x 133 x 352 mm; VLA-120 C: approx. 13,0 kg, VLA-240 C: approx. 14,5 kg