

PA SYSTEMS

FROM DESKTOP AMPLIFIERS UP TO VOICE-ALARM SYSTEMS

RCS[®]
AUDIO-SYSTEMS



VLM-220A

VLD-520 S

SHORT PRODUCT OVERVIEW **2016**

RCS AMPLIFIER / DESK MICROPHONES / CABINETS



VLM -106

VLM -105



VLM -206



Supplied with 19" mounting brackets.

- 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 microphone stations VLM-100A, VLM-106 and VLM-206 (remote control of the DMT-10 announcement module).
- All MIC inputs have gain control and switchable phantom power. The priority switches define the priority of the inputs.

- The unit is also equipped with an electronic 2- or 4-tone chime, an electronic siren and a telephone paging input (Line-in with priority); all these signals can be controlled separately on the front panel.

- 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“, 480 W (3 RU)VLZ-6480 A**
- 6-ZONES „VARIO-LINE“, 600 W (3 RU)VLZ-6600 A**

- Microphone desk, for all-call VLM-100 A**
- Microphone desk, for 6 Zones VLM-106**
- Microphone desk, for 6 Zones and DMT-10 Remote VLM-206**



- These power amplifiers are **fully monitored** and ideal for professional use in 100V systems.
- One balanced input for programs and one input (with **priority**) for priority announcements, etc.

- 1-Ch. Amplifier, 120 W. BA-120 DP**
- 1-Ch. Amplifier, 240 W. BA-240 DP**
- 1-Ch. Amplifier, 480 W. BA-480 DP**
- 2-Ch. Amplifier, 2x120 W BA-2120 DP**
- 4-Ch. Amplifier, 4x120 W BA-4120 DP**



- **Digital** 100V Power Amplifier.
- Degree of efficiency of over 90%
- Energy saving
- Automatic standby mode
- Low heat waste
- Fanless cooling

- 1-Ch. Amplifier, 250 W. DBA-250 D**
- 2-Ch. Amplifier, 2x250 W. DBA-500 D**

These modules can be installed optionally into the provided empty compartments of Small Central units or pre-amplifiers.

FM/AM Tuner module

18x FM + 6x AM memory stations

TP-10RDS



CD/MP3-Player module

Repeat, Random, etc.

CDP-10 USB



CD/MP3-Tuner module

RDS-Tuner and MP3-/CD-Player

CDR-10 USB



Digital text module

with timer functions, microSD-Card

DMT-10



- The cabinets with a 19" swing frame rack serve to accommodate rackmount devices, subrack, front panels etc. with 19" design according to DIN 41494.

- Safe cooling is ensured through appropriate design of the rear panel (free space of 3 RU at the bottom, perforated vent sections at the top).

Model designations

RSS-5524 or **RTS-024** (optional door)

RSS-5530 or **RTS-030** (optional door)

RSS-5540 or **RTS-040** (optional door)



19" swing frame cabinets, depth 550 mm (with optional plexiglass doors)

MOBILE / VA DEVICES / 100V SPEAKERS



optional with:



- 2-way portable PA system
- 150W powerfull class D amplifier
- 1 or 2-Ch. UHF Versions available
- VOICE-OVER function

Digital Sound-Center.....DSC-150

optional with:



- 2-way portable PA system
- 150W powerfull class D amplifier
- 1 or 2-Ch. UHF Versions available
- VOICE-OVER function

School-Cube 700.....PWA-730



- Mixer for 1x Mic/Line and 2 Line Inputs. One XLR connector for mic/line signal, one cinch and one jack 3,5 mm (for iPod etc). For each input you have a separate regulator.

3-Ch.-Mixer, horizontal.....UPM-300H

3-Ch.-Mixer, vertical.....UPM-300V



- This speaker has the most modern and simplest fitting method, a quick fastening clasp. Modern, understated design with a rim of approx. 2 mm.
- The speaker is available in various power classes (also with a high-quality 2-way coaxial chassis).

4/6/10W.....SC-104/-106/-110

10/20W (coaxial).....SC-110C/-120C



for 12 Lines
or 6 A/B Lines

- The VARES-1000 System has been developed in full accordance to the latest rules and regulations for security.
- Targeted towards small and medium-scaled usage scenarios, it handles all the tasks and challenges a voice alarm systems faces in everyday life. For 12 single or 6 A/B lines for more security.

VARES Control-Center..ESC-012A
Microphone desk.....ESM-100D



- The digital emergency management ESP-2000/4000 B was developed for voice alarm systems.
- Network fault monitoring with switchover to emergency power operation. Monitoring of the 6 or 12 power outputs for amplifiers.

Power supply, 6 outputs.....ESP-2000B

Power supply, 12 outputs.....ESP-4000B

Battery-Set (70 Ah).....BA-140



- This radio clock enables you to drive and control up to 130 side clocks on 2 side clock lines. These operate independently from each other in impulse operation.
- The main clock is synchronised every hour through the DCF-receiver module PRR-077B.
- Monitoring of the NU-lines regarding overload or short circuit.

Main Clock.....PTC-240D

DCF-Receiver.....PRR-077B



- One or Two powerful 5"x3" oval full range speakers with tweeter cone and high quality transformers provide a safe A/B wiring.

6W, (100V, plastic cover).....SRC-606EN

2x 6W, (A/B 100V, plastic cover) .SRC-612EN



- This sound projector series fulfills the requirements EN 54-24 and British standard BS 5839.
- Equipped with high-quality and very broadband twin cone speakers.

20W, (100V, double direction).....SPJ-52 WHBS

20W, (100V).....SPJ-53 WHBS



- Very wide frequency range, with high sound pressure even on long distances for optimum speech intelligibility. BS 5839.

- Flame-, impact- and weather resistant ABS housing. The mounting bracket are stainless steel V2A.

30W, (100V, IP 66).....PHS-81T30BS



- It includes a 2-way bass reflex system from full-range woofer and a dome-tweeter. BS 5839.

- Due to the trapezoidal shape of the housing mounting in corners or angles is easily possible.

30W, (100V).....CT-552WTBS

100V SPEAKERS



- The 2-way speakers have a full range woofer, a Dome Tweeter and a bass pipe, which is integrated into professionally fitted cabinet.
- The speaker can be mounted in- or outdoors and vertically as well as horizontally.

Pro-Sound, 20W (100V) ... **PB-720 W/S**

Pro-Sound, 30W (100V) ... **PB-730 W/S**

Pro-Sound, 60W (100V) ... **PB-760 W/S**



- This 100V pro-speaker contains a 8" or 12" bass woofer of high quality and a 25 mm or horn of the same standard.

60/100W, (100 V) ... **PB-806/-810**

100W, (100 V) ... **PB-1210S/W**

200W, (100 V) ... **PB-1220S/W**



- Perfect playback quality is ensured by a wide banded and powerful speaker case.
- The installation is burglar proof. The speaker suspension can be adjusted up to 5m.

10/20W ... **KL-510/-520**

20/30W (coaxial) ... **KL-620/-630**



- This "soft line" corpus design combined with a high-sound pervious grille cover is modern and decent.
- This Series is also available with a fitted volume control and 2-way coaxial chassis

4/6/10W ... **BC-104/-106/-110**

10/20W (coaxial) ... **BC-110C/-120C**

With volume control:

4/6/10W .. **BC-104R/-106R/-110R**

10/20W (coaxial) .. **BC-110CR/-120CR**



- This speaker has the most modern and simplest fitting method, a quick fastening clasp. Available in various power classes (also 2-way coaxial).
- The installation frame is made of high quality plastic, the grille of coated steel. Burglar proof and impact resistant.

4/6/10W ... **RC-104/-106/-110**

10/20W (coaxial) ... **RC-110C/-120C**



- These "Spot Design" fitted speakers fit in very well with the current halogen light systems.
- With 100V transformer, can also be adapted to a lower resistance.

Ceiling-Speaker, white ... **CSL-206 W**

Ceiling-Speaker, black ... **CSL-206 B**

Ceiling-Speaker, silver ... **CSL-206 S**

Ceiling-Speaker, gold ... **CSL-206 G**



- Very stable and attractive horn speaker with integrated 100V matching transformer. This series is of high-quality plastic and therefore shock- and scratch-resistant.

10W (100V, IP 66) ... **DH-110S**

15W (100V, IP 66) ... **DH-115S**

30W (100V, IP 66) ... **DH-130S**



- High-quality „twin-cone“ sound projectors. The sound pressure decreses nearly to the level of horn speakers. They have a high wide range, such as dynamic speakers.
- Also available as double-direction speakers (»D« Version).

15W (100V, IP 44) ... **CSP-115**

15W (100V, IP 44) double-direction ... **CSP-115D**

20W (100V, IP 44) ... **CSP-220**

20W (100V, IP 44) double-direction ... **CSP-220D**



- This „two-way system“ column speakers are made of stable, stove-enamelled steel sheet, the two covers of high firm plastics.
- Modern, very wide-range, high-performance speaker provides excellent speech and music reproduction.

10/15 W, 2-way, white ... **LS-210 W**

20/30 W, 2-way, white ... **LS-220 W**

30/45 W, 2-way, white ... **LS-230 W**

40/60 W, 2-way, white ... **LS-240 W**

60/90 W, 2-way, white ... **LS-260 W**



EN 54-24 certified

Alarming-Speaker

EN 54-16 certified

Voice-Alarm-System

EN 54-4 certified

Digit. Emerg Power Supply

- Swing-Frame Cabinet
- Digital Monitoring Unit
- Digital Control-Center
- Digital Line Management
- Digit. Extension-Unit
- Digit. Program Switch
- Digital Main Clock
- NF/Data-Backpanel
- Digital Amplifier
- Digital Amplifier
- Digital Amplifier
- Digital Amplifier
- Digital Backup-Amplifier
- Digit. Emerg. Power Supply
- Battery tray 5 RU with 2x Battery-Set

The two RCS voice alarm systems VARES-1000 or VARES-3000 are the ideal solution for evacuations and announcements, communication and background music in public buildings such as department stores, public authorities, leisure facilities, industrial and school buildings



VARES

Individual protection for people, objects and values

As one of the few certified manufacturer RCS factory provides complete wired systems for areas in the field of voice alarm systems and electroacoustic emergency warning systems "Made in Germany"

efficient ✓

fully Digital ✓

secure ✓

high-quality ✓



TÜV certified ISO 9001:2008



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