

PHM-802 C

»VARES-3000« Amplifier Monitoring, 1 RU, digital



Description

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PHM-802C digital amplifier switchover unit is designed to monitor up to 10 power amplifiers simultaneously. Up to 8 amplifiers can be configured as call amps, backed up by up to 2 spare amplifiers.

PHM-802C works self-sustaining and independent of other components. Alternatively, it can be integrated into a VARES-3000 system.

Features

- Setting up PHM-802C is done easily via a clearly represented menu that is displayed on the big front display. All the programming work is done by just four function keys, a computer is not necessary to configure PHM-802C.
- The health status of each connected amplifier is shown on the front display.
- Faults will be indicated until the cause of the problem is repaired.
- All connectors are service-friendly pin-and-socket-connector types that are perfectly suited for installed audio equipment.
- 8 call amps can be linked with 1 spare amp, or two groups made of 4 call amps each can be linked to 2 spare amps (1 spare amp per group). Can also be used without spare amplifier.
- PHM-802 C offers an input for 230 V AC switching power supply (switched to 24V) and an additional input for 24 V DC emergency power.
- A bigger number of amplifiers can be monitored by using several PHM-802 C.
- The measured level of the pilot tone can be adjusted for each 100V power amplifier at the device.
- A variety of pilot tones is available, ranging from 19 kHz to 25 kHz.
- An alarm output for external fault messages allows easy routing of messages within the voice alarm system.
- The menu is available in English or German language.
- Optionally the monitor module PMU-802A can be installed to intercept all 10 amp outputs.

Technical data	PHM-802 C
Display	LCD Dot Matrix 2x24, beleuchtet, Kontrast regelb.
Monitored Amplifier	8 + 1 (Havarie) oder 2x 4 + 2x 1 (Havarie)
Pilot tone	19/19,5/20/20,5/21/21,5/22/22,5/23/23,5/24/24,5/25 kHz
Sample rate	einstellbar 15/30/45/60/90 Sek. (5 Sek. mit Bus-Option)
Power consumption	5 W
Listening power	Amplifier 1,3W RMS
Bus connection	RS485-Bus (optional), Störmeldeausgang, SUB-D9 für Firmware-Udate
Switching capacity	je Kanal 6 A
Power supply	24V DC
Power source	Schaltnetzteil / Akku (Notstromversorgung 24 V)

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Dimensions (W x H x D) 483 x 44 x 171 mm (1 HE)

Weight 1,5 kg