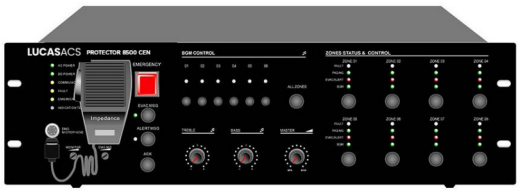
PROTECTOR 8500 CEN

8 ZONE 500 W EN54-16 VOICE CONTROLLER

Features



- EN54-16 certification.
- Digital voice alarm evacuation system all in one controller.
- Integration of 8 zone voice alarm controller, remote PC software, zone paging controller, all main signal line monitoring, amplifier changeover, speaker line supervision, power supply monitoring and power amplifier, voice recorder, SD card, emergency microphone and fire alarm interface.
- Auto broadcasting PROTECTOR and alert 256 voice messages to pre-set zones.
- Customized alert, evacuation & business message stored at SD card.
- AB speaker line surveillance to avoid any speaker line failure.
- Back-up power amplifier management.
- Up to 120 zones by cascaded more router PROTECTOR 8100RTEN
- 8 Support 32 units of remote paging microphone PROTECTORRM1.
- Support external connection of fireman microphone PROTECTORFM1.
- Support of touch screen microphone PROTECTORRM2.
- Redundant network cabling backup through CAT6 cable loop connection.
- 8 supervised control inputs & 8 control outputs, 1 fault, 1 reset & 1 EVAC relay outs.
- Logs and fault events auto recording

EN54 Certified

Technical Specifications

Description	8 Zone Voice Alarm Controller
Rated Power Output	500W
Fireman Microphone	5Mv, 600Ω
Line 1-2 Inputs	385mV, 10kΩ balanced Combo XLR
Line 3-6 Inputs	350mV, 10kΩ, RCA
Frequency Response	80Hz~20kHz
THD	<1% at RMS,1KHz
S/N Ratio	>70dB
Speaker Output	100V AB 8 zone speaker outputs
REC Output	200mV
Control Input & Output	8 control inputs: Max 3.3V (voltage mode) or 0V closed contact; 8 control outputs: 0V closed contact; 1 fault, 1 reset & 1 EVAC relay outs
Voice Message	MP3 or WMA format, two separate players of SD card, programmable voice message up to 256, 10 years valid
Event Record	HEX format, Hard Flash memory, events up to 1000 records, 10 years valid
Operation Temp	Operation Temp: +5?~ +40?; Store Temp: -20? ~ +70?; Humidity: <95%
Power Consumption	600W
Power Supply	AC230V or 115V & 24V DC inputs, 50-60HZ
AC Fuse	250V/6.3A, slow type and restorable fuse
Dimension	484×132×405mm
Weight	10.3kg

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