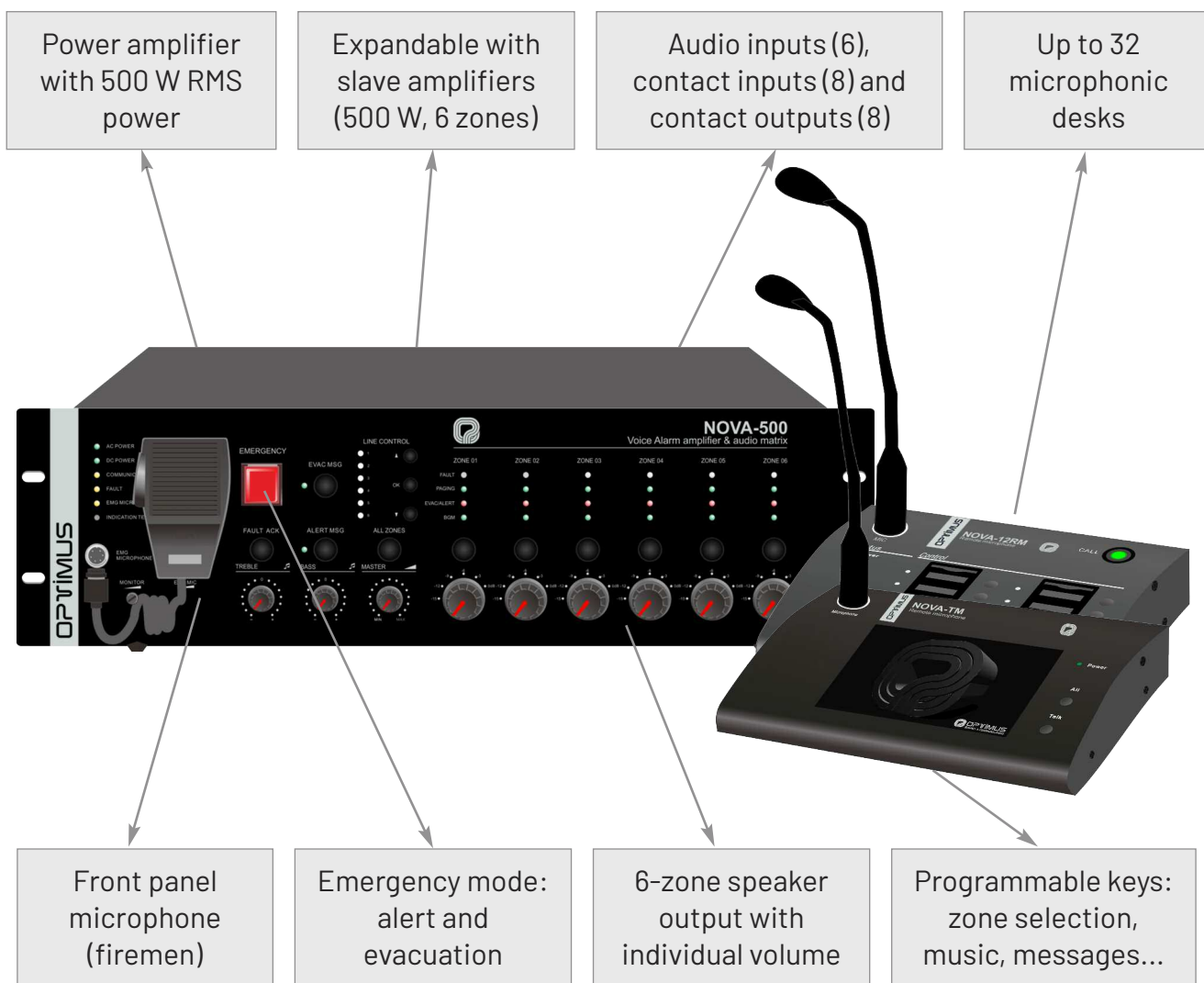


PUBLIC ADDRESS AND VOICE ALARM

NOVA SYSTEM

Public address and voice alarm system, designed according to EN 54, composed of 500 W RMS class D amplifiers with six loudspeakers zones selection and microphonic desks for remote control of the system.



System security

- 1 NOVA system complies with the specifications of the EN 54 standard and monitors the power units, loudspeaker lines, microphones and pre-recorded messages.
- 2 To reduce the possibility of error, the equipment can be looped, with a length of up to 600 m. If a cable is disconnected, the system does not stop and continues working.
- 3 The configuration and control program records all system events.

NOVA SYSTEM

NOVA-500 | NOVA-500S

AMPLIFIER | 500 W | 6 ZONES

Amplifiers of the NOVA Public Address and Voice Alarm system, with everything necessary to act in an emergency situation: pre-recorded messages, control for its activation in an emergency, handheld microphone for broadcasting live messages (in the main amplifier), connection to the alarm system...

- Amplifier with 500 W RMS power.
- 6 zone output, individual volume control.
- * Handheld microphone (firemen) on front panel.
- * Emergency mode with two pre-recorded messages: alert and evacuation.
- Supervision of amplifier, speaker lines, microphone, pre-recorded messages ...
- 6 audio inputs.
- 8 contact inputs and 8 contact outputs.
- AC and DC power.
- Connection for backup amplifier.
- Connection with slave amplifiers and microphone desks, up to 600 m.



***NOVA-500**
Main amplifier

NOVA-500S
Slave amplifier

Power supply	110 ~ 240 V AC, 50/60Hz 20 ~ 27.5 V CC
Consumption	650 W
Microphone (NOVA-500)	
Sensitivity	5 mV
Impedance	600 Ω
Audio inputs	6, with level adjustment on the rear panel
S/N ratio	> 70 dB
Control outputs	Fail, EVAC status & programmables (8)
Control inputs	EVAC reset & programmables (8)
Pre-recorded messages	Up to 255
Finish	Aluminium plate and metal case in black
Dimensions (mm)	484 (width) x 132 (high) x 449 (depth) (3u rack)
Weight	11.5 kg

PUBLIC ADDRESS AND VOICE ALARM

NOVA-TM

MICROPHONE DESK WITH TOUCH SCREEN

Microphone desk for remote control of the NOVA-500 and NOVA-500S amplifiers. With a touch screen and the ability to send messages to speaker zones, individually or in groups, using 40 programmable keys. Allows control of music program with input selection and music assignment by zone. The equipment includes two RJ-45 connectors, facilitates loop installation to avoid possible disconnection errors, and monitors system status.

Control	up to 40 programmable keys
Communication distance	up to 600 m
Power supply	24 V DC / Phantom
Audio input	
line	350 mV / 10 k Ω
microphone	5 mV / 600 Ω
Dimensions (mm)	256 (width) x 149 (depth) x 52 (high, without mic)
Weight	1.5 kg
Finish	Aluminium, black colour



NOVA-12RM

MICROPHONIC DESK WITH 12 KEYS

Microphone desk for remote control of the NOVA500 and NOVA500S amplifiers. It has 12 programmable keys for zone selection, music, messages ... and a selection key for all zones. Distance to the amplifier up to 600 m, with the possibility of redundant connection. It has volume adjustment, external mic / line input, possibility of PTT (push-to-talk) operation...

Control	12 programmable keys
Communication distance	up to 600 m
Power supply	phantom 20 ~ 27.5 V
Audio input	
line	775 mV / 10 k Ω
microphone	5 mV / 600 Ω
Dimensions (mm)	240 (width) x 140 (depth) x 55 (high, without mic)
Weight	1 kg
Finish	Aluminium, black colour

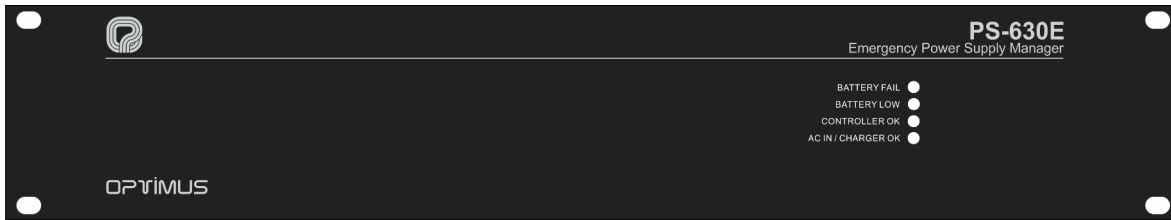


PUBLIC ADDRESS AND VOICE ALARM

PS-630E

EMERGENCY POWER SUPPLY MANAGER

The emergency power supply manager allows the permanent emergency power supply in accordance with EN 54-4, in the event of a power failure. The 19" unit (2U) is equipped with 6 fused outputs that can be used with up to 30 A load. The smart battery condition monitoring ensures an uninterrupted 24 V DC power supply and the recharging of the battery immediately after the restoration of the mains supply. Due to the "hot swap" technology the exchange of the batteries can be done without service interruption.



SECURITY



INFORMATION



MUSIC



COMMUNICATION



PAGING

 **OPTIMUS**
SOUND & COMMUNICATION

C/ Barcelona 101 | 17003 Girona (Spain) | (+34) 972 203 300

www.optimusaudio.com