

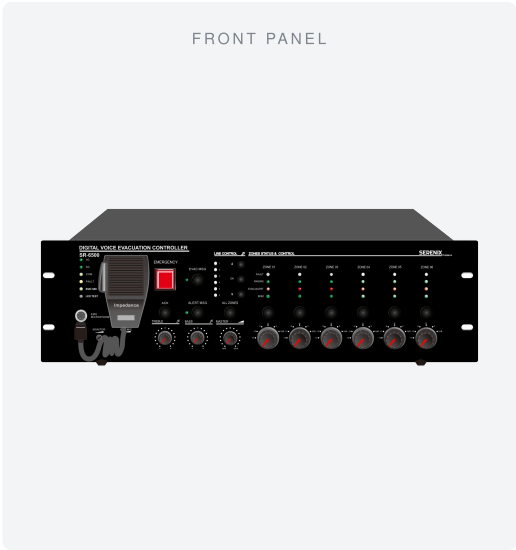
SERENIX PROFESSIONAL AUDIO

SR-6500

Six-zone voice evacuation amplifier — EVAC, paging, PA and background music in one unit.

An all-in-one digital voice evacuation system combining an EVAC controller, paging system, PA and background music in a single chassis with a built-in 500 W six-zone Class-D amplifier. Two independent SD-card players handle evacuation and alert messages, six zones carry AB speaker line supervision, and the system scales to 120 zones through cascaded routers.

500 W	6	120	32	24 V DC
RATED OUTPUT	ZONES	ZONES CASCADED	REMOTE MICS	BATTERY BACKUP



FEATURES

- 01

All-in-one PAVA

EVAC controller, paging, PA and BGM integrated with a 500 W six-zone Class-D amplifier.
- 02

Supervised speaker lines

Built-in AB speaker line low-impedance supervision on all six zones, with auto changeover to standby amplifier on fault.
- 03

Prioritised paging

Fireman microphone takes highest priority, followed by EVAC, input 1, remote microphone, timer and BGM.
- 04

Third-party integration

Eight programmable control inputs and eight outputs, plus fault, EVAC and reset contacts.

SPECIFICATIONS

Description	6-zone voice evacuation amplifier
Rated power output	500 W
Fireman microphone	5 mV, 600 Ω
Line 1–2 inputs	385 mV, 10 kΩ balanced combo
Line 3–6 inputs	350 mV, 10 kΩ, RCA
Frequency response	80 Hz–20 kHz
THD	<1 % at RMS, 1 kHz
S / N ratio	>70 dB
Speaker output	100 V AB zone outputs
REC output	200 mV
Control inputs / outputs	8 programmable in (max 3.3 V or 0 V contact); 8 programmable out
Voice message	MP3 / WMA, two SD-card players, up to 255 messages
Event record	HEX format flash memory, up to 1000 records
Operating environment	+5°C to +40°C; <95 % RH
Power consumption	600 W
Power supply	AC 230 V or 115 V, DC 24 V battery
AC fuse	250 V / 6.3 A slow-blow, restorable
Dimensions (W × H × D)	484 × 132 × 449 mm
Weight	24 kg

The source specification table gives the model as SR-65000 and lists 8-zone speaker outputs against a 6-zone description. All figures are nominal, per manufacturer data.

HIGHLIGHTS

- Two separate SD-card players for EVAC and alert messages
- Zone capacity of 120 through cascaded routers
- Up to 32 remote microphones
- Auto switch to battery backup when AC fails
- Optional IP network module

APPLICATIONS

- Residential complexes
- Shopping malls
- Shopping centres
- Voice alarm
- Background music