

PAR-18STR36-UK Standard rack 18 zones

PAVIRO



The standard rack PAR-18STR36-UK is a preconfigured rack-built PAVIRO system that is fully EN54-16 compliant. To ensure optimum performance the preconfigured system is factory tested before shipping.

PAVIRO is a high-quality Public Address, EN54 certified Voice Evacuation System that delivers professional quality sound. It has a 24-bit digital processor, superior digital to analog converters, and an outstanding Signal-to-Noise Ratio (SNR).

System overview

The standard rack PAR-18STR36-UK provides up to 18AB (or 36 single) zones and houses the following PAVIRO products:

- PVA-4CR12 controller
- PVA-4R24 router
- PVA-2P500 amplifiers (4x)
- BOSCH charger PLN-24CH12

The rack is supplied with an emergency call station that is preconfigured for emergency evacuation and zone calls (35 keys).

For ease of transport and installation, the supplied batteries are delivered on a separate pallet.

- ▶ Preconfigured, wired rack-built PAVIRO system for compliance with EN54-16
- ▶ Robust IP30 rated cabinet
- ▶ Total of 18AB (or 36 single) zones for speech, voice alarm and background music
- ▶ Built-in emergency backup power in case of mains power failure
- ▶ Supplied with preconfigured emergency call station

Installation/configuration notes

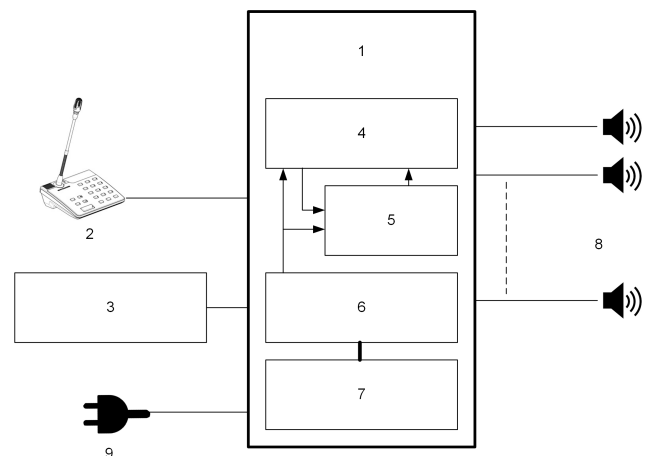


Fig. 1: Schematic overview

Number	Description
1	BOSCH VACIE rack
2	Emergency call station
3	Fire detection systems
4	Controller Routers (PAR-18STR36-UK only)
5	Zone amplifiers and spare amplifier
6	Power supply / charger

Number	Description
7	Batteries
8	Loudspeaker lines
9	Mains supply

Parts included

Quantity	Component
1	PAR-18STR36-UK Standard rack, 18 zones
2	Batteries 150 Ah (supplied on a separate pallet)
4	Plastic covers for battery terminals
1	Emergency call station
1	Call station extension
1	Battery fuse (125 A)
1	Cable bridge for the batteries
1	Documentation binder

Technical specifications

Electrical

Mains power supply	AC 230 V 50 Hz
Backup power supply	DC 24 V
Mains fuse (external)	2x 16 A
DC fuse	125 A

Mechanical

Color	Rack: RAL 7035 Components: RAL 9005
Product dimensions (Height x Width x Depth)	134 cm x 62 cm x 71.5 cm
Net weight	251 kg
Shipping weight	266 kg

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Environmental

Operating temperature (ambient temperature of control room)	+5°C to 30°C (+41 °F to +86 °F)
Storage and transport temperature (rack and components)	-25 °C to +70 °C (-13 °F to +158 °F)
BTU/h	995

Ordering information

PAR-18STR36-UK Standard rack 18 zones

Preconfigured, wired rack-built PAVIRO system supplied with batteries and an emergency call station, 18AB (or 36 single) zones, EN54-16 compliant.

Order number **PAR-18STR36-UK | F.01U.359.866**