

PAR-18STR36 Standard rack 18 zones

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BOSCH

Invented for life



- ▶ 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, 500W / 12 HP lines
- ▶ Built-in emergency backup power in case of mains power failure
- ▶ Supplied with preconfigured emergency call station

The standard rack PAR-18STR36 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

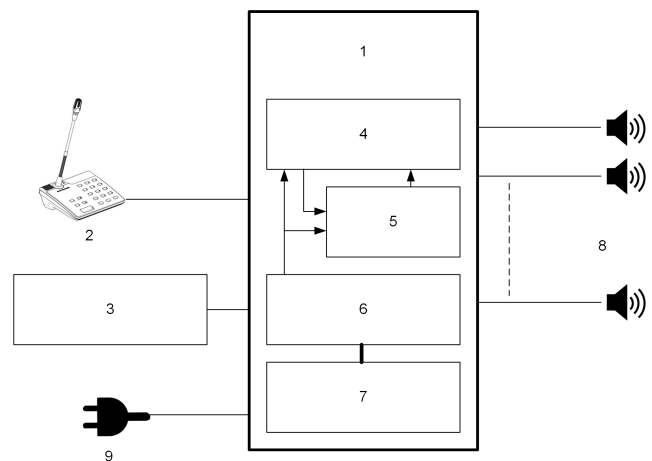
The standard rack PAR-18STR36 provides up to 18AB (or 36 single) zones and houses the following PAVIRO products:

- 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.

Installation/configuration notes



Schematic overview

Num ber	Description
1	BOSCH VACIE rack
2	Emergency call station

Number	Description
3	Fire detection systems
4	Controller Routers and Messages manager (PAR-18STR36 only)
5	Zone Amplifiers and Spare Amplifier
6	Power Supply / charger
7	Batteries
8	Loudspeaker lines
9	Mains supply

Parts included

Quantity	Component
1	PAR-16STR36 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

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 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**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
emea.securitysystems@bosch.com
emea.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

North America:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia