PR 63

63A POWER DISTRIBUTION RACK

Professional three-phase power distribution for active line arrays, powered subwoofers and touring systems.

63A / 5 m
Three-phase input

24 x RCBO
Branch protection

65.8 kg
Net weight

POWER DISTRIBUTION FOR ACTIVE SYSTEMS

Product Positioning

Centralized power for active systems and fast touring deployment

Professional Power Distribution for Active Speaker Systems

Built for active loudspeakers, line array systems, powered subwoofers, and professional touring applications. Centralized power distribution keeps large sound systems cleaner, safer, and faster to deploy.

01 Cleaner power planning

One rack establishes a repeatable three-phase distribution point for active loudspeakers, powered subwoofers and control infrastructure.

02 Faster deployment

Grouped A / B / C / D outputs reduce scattered mains runs and make large systems easier to stage, label and check.

03 Touring-ready construction

A flight-case format, fixed 5 m input cable and front-access protection support rental fleets and mobile productions.

ACTIVE PA POWER PLATFORM

Key Output System

Professional interfaces for multi-circuit active loudspeaker distribution

PROFESSIONAL POWER OUTPUTS

32 x CEE/CEKON outputs
Main professional power outputs for distributed active system loads.

4 x LKS 19 multi-pin outputs
Multi-pin outputs for four grouped 8-core multicore cable paths.

6 x PowerCON outputs
Professional auxiliary power outputs for compatible powered devices.

1 x Auxiliary
Dedicated auxiliary service output on the front panel.

63A
Cekon three-phase input

5 m
Fixed input cable

GROUPED OUTPUT LOGIC

Four A / B / C / D distribution groups keep cable paths legible from rack to breakout box and active loudspeaker system.

ACTIVE LINE ARRAYS

POWERED SUBWOOFERS

SYSTEM ROLE
Use the rack as the central power hand-off between venue supply and active PA deployment zones.

Independent Circuit Protection

Fault isolation keeps the remaining system online

Every output branch is protected independently so a single damaged or overloaded path can be isolated without taking the complete distribution system offline.

63A INPUT → **24 x RCBO** → **GROUPED OUTPUTS** → **ACTIVE SYSTEM**

01

Individual branch protection

24 x individual RCBO protection circuits protect output branches and help localize faults.

02

32A front auxiliary RCBO

A dedicated 32A front auxiliary RCBO keeps service access immediate.

03

Safer system operation

Individual branch protection helps keep the rest of the system online when one output is damaged.

Technical Specifications

Verified electrical, protection, connection and physical data

Main input	63 A Cekon, three-phase, fixed 5 m cable
Operating Voltage	90-240 V AC
Cekon outputs	32
LKS 19 outputs	4
PowerCON outputs	6 + 1 auxiliary
Branch protection	24 individual power line RCBOs

Front protection	32 A and auxiliary individual RCBOs
Compliance	CE compliant
Construction	Tour-grade flight case
Dimensions	600 W x 600 D x 720 H mm
Net weight	65.8 kg / 145.06 lb
Gross weight	68.2 kg / 150.36 lb

ELECTRICAL SYSTEM	Three-phase power distribution / CE compliant / centralized distribution for active loudspeakers, line arrays and powered subwoofers.

Front Panel / Interface Map

Grouped output zones and front-access service protection

FRONT CONNECTOR PANEL

A / B groups	Primary grouped multi-pin output zones for two multicore paths.
C / D groups	Additional grouped multi-pin and PowerCON output zones.
Front auxiliary	Dedicated service output with front-access RCBO protection.
A / B / C / D	Use consistent group labels at the rack, breakout box and speaker end.

FIELD NOTE Confirm connector pinout, current demand and local code before energizing the system.

4 x 8-Core Output Architecture

Four A / B / C / D distribution groups for active line array and subwoofer systems

63A CEE / CEKON

THREE-PHASE INPUT / 5 m

INDEPENDENT PROTECTION

24 individual RCBO circuits

A	8 x 2.5 mm2 | 8-core cable | breakout box
B	8 x 2.5 mm2 | 8-core cable | breakout box
C	8 x 2.5 mm2 | 8-core cable | breakout box
D	8 x 2.5 mm2 | 8-core cable | breakout box

MODE 1 / HIGH POWER

PER GROUP

8 x Active Dual 12-inch Line Array Speakers

OR

8 x Active Subwoofers

UP TO 32 UNITS

Across four groups

MODE 2 / COMPACT SYSTEM

PER GROUP

16 x Active 8-inch / 10-inch Line Array Speakers

Distributed through one 8-core multicore cable and one breakout box for each A / B / C / D group.

UP TO 64 UNITS

Across four groups

Final circuit loading must be validated against connected equipment demand, cable length and local electrical requirements.

Deployment Modes

Scale the same rack from high-power to compact active arrays

The four-group architecture supports two practical planning modes. Choose the connected system path first, then validate current demand and cable routing.

MODE 1

HIGH POWER

Per group

8 x Active Dual 12-inch Line Array Speakers or 8 x Active Subwoofers

Four groups / up to 32 units

MODE 2

COMPACT SYSTEM

Per group

16 x Active 8-inch / 10-inch Line Array Speakers

Four groups / up to 64 units

Planning capacities are configuration targets. Confirm connected speaker current, cable length, protection settings and venue supply before use.

Physical Envelope & Handling

Rack footprint, package logistics and touring weight reference

PRODUCT ENVELOPE

600 mm	600 mm	720 mm
WIDTH	DEPTH	HEIGHT

65.8 kg	68.2 kg
Net weight	Gross weight

Reference product envelope for transport planning.

PACKAGE REFERENCE

Package height	570 mm / 22.44 in
Package width	610 mm / 24.02 in
Package depth	630 mm / 24.80 in

TOURING HANDLING Plan two-person handling and secure the flight case before rolling, loading or connecting the system.

Application Workflow

A repeatable deployment sequence for concerts, festivals and rental fleets

PR 63 is most effective when the power plan is treated as part of the system design, not as a last-minute rack connection.

01 PLAN

Assign A / B / C / D groups to physical deployment zones.

02 CONNECT

Place the rack near the supply point and route the fixed 5 m input.

03 PROTECT

Confirm RCBO status, branch labels and auxiliary protection.

04 DEPLOY

Run 8-core multicore paths to each breakout box and active system.

05 CHECK

Verify polarity, current demand, cable security and energization order.

BEST FIT Concerts / Touring productions / Rental companies / Festivals / Large-scale active PA systems

Safety, Operation & Service

Practical controls for touring reliability

SAFETY

Inspect the case, input cable, connectors and branch protection before energizing.

CONNECTION

Use trained personnel, correct pinout and compatible professional connectors.

OPERATION

Energize in a controlled sequence and monitor branch status during deployment.

MAINTENANCE

Keep the panel clean, inspect cable strain relief and check wheels, latches and hardware.

TROUBLESHOOTING

Isolate the affected output first; do not bypass RCBO protection or continue with damaged cabling.

COMPLIANCE

Follow local electrical code, venue rules, connected-equipment limits and qualified-person procedures.

SERVICE RULE If a branch, connector or cable shows damage, remove it from service and repair or replace it before the next deployment.

Product Summary

A centralized power platform for active PA systems

PR 63 brings high-current three-phase input, grouped professional outputs and independent branch protection into one repeatable touring workflow.

BUILT FOR

Active line arrays
Powered subwoofers
Concert touring
Rental and festival systems

63A
Main input

32
Cekon outputs

24
RCBO circuits

65.8 kg
Net weight

CENTRALIZED POWER. CLEARER DEPLOYMENT.