

PSA-1200

PORTABLE SATELLITE-ACTIVE-SYSTEM

RCS
stage-sound



Model designations

Active Portable Satellite System, black **PSA-1200**
black, 2 Satellites Speaker (300 W) and 1 Active-Sub-Woofer (600 W)

Accessories

Speaker Stand, up to 1,85 m for Satellites **QST-185**
Speaker Stand, up to 2,00 m for Satellites **QST-200**
Distance Bar, for Satellites and Sub-Woofer **QDB-120**

● GENERAL

This **transportable** stage-sound active-system offers a set of ideal premises for voice and music transmission. The cost- and performance ratio is excellent and the high quality of the 2-way full-range-

system (2", 12") as well as the sub-woofer (18") predestines this satellite active-system for an application in an area of semi-professionalism as well as the very professional PA- and DJ-area.

● ASSEMBLY

The housing of these loudspeakers consists of black coated 18 mm MDF. They also have incorporated carrying handles. A massive metal grille coated with acoustic foamed plastic completes the robust structure. Rubber feet help to avoid a damage of the housing.

The amplifier-units with 2 x 300 W /RMS for the satellite-speaker and 1 x 600 W (RMS) for the sub-woofer are located inside the sub-woofer-housing.

A deeper embedded mixer-panel offers the opportunity to control all connected components in a very comfortable way via pots and LED-indicators.

● TRANSPORT

A very quietly running fan provides cooling for the power amplifier. Both of the satellite-boxes can be placed and fixed on top of the sub-woofer box in a provided space. A set of four swivel castors ø 60 mm (two of them with breaks) help to achieve a trouble-free transportation of the installation.

● EQUIPMENT

Both of the satellite-boxes are equipped with 2"tweeter-driver-unit and 12"middle-woofer of very high quality. Furthermore the boxes continue to possess crossover-networks, which are perfectly adjusted to the assembly of the systems.

System-Details



The system is stackable.



The Mixer Panel



Absolutely simple: transportable

The sub-woofer is equipped with 18" sub-bass-loudspeaker, ensuring excellent transmission of woofer-sounds.

● CONNECTORS

Input-connectors such as MIC-IN (XLR or JACK-PLUG 6.3 mm), LINE-IN (XLR or JACK-PLUG 6.3 mm L/R) and AUX-IN (Cinch L/R) are available each with gain-control.

Output-connectors such as XLR-OUT L/R (sym.) and Cinch-OUT L/R (unbalanced) serve as outputs for the mixer-signal to further active systems or external power amplifiers.

Both of the full-range speakers can be perfectly fed via supplied loudspeaker cable (each 10 m) through two speaker output jacks (L/R).

An integrated power supply (IEC socket 230 V AC) in the sub-woofer with power switch enables the power supply of the active system via the IEC cable included in the scope of delivery.

● STAND and WALL-BRACKET

The **Speaker stand QST-200** or the **QST-185** is perfectly suitable for both of the full-range speakers. The **distance bar (QDB-120)** in between the sub-woofer and the full-range-box offers a perfect fixation opportunity for a satellite-box.

| Technical Data | PSA-1200 | Satellite Speaker | Sub-Woofer |
|---------------------------------|----------|---|---|
| Nominal capacity -/ performance | | 2x 300W (RMS) | 1x 600W (RMS) |
| Speaker | | 2x 2-way fullrange-systems (2", 12" full-range speaker) | 1x active sub-woofer speaker (18" sub-woofer) |
| Sound pressure SPL 1 W / 1 m | | 98 dB | 97 dB |
| Sound pressure SPL MAX | | 120 dB | 124 dB |
| Frequency (+- 3 dB) | | 50 Hz – 20.000 Hz | 40 Hz – 150 Hz |
| Impedance (nominal) | | 4 ohms | 4 ohms |
| Connectors | | 2x Speaker-jack (IN / OUT) apiece | 2 x Speaker Out (L/R) |
| Control | | – | Gain (MIC, LINE, AUX), Balance, Sublevel |
| Corresponding radiation | | 60° x 40° | k. A. |
| Power Supply | | – | 220V – 240V AC, 50-60 Hz |
| Dimensions , Colour, Weight | | 58 x 36 x 36 mm; black; 23 kg | 766 x 615 x 605 mm; black; 72 kg |