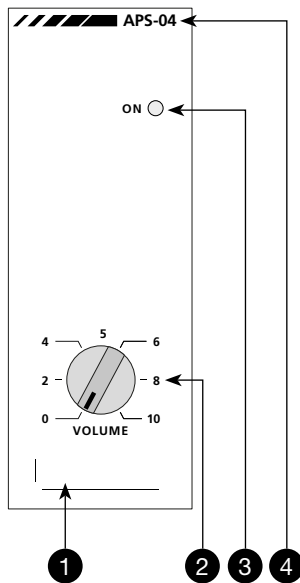


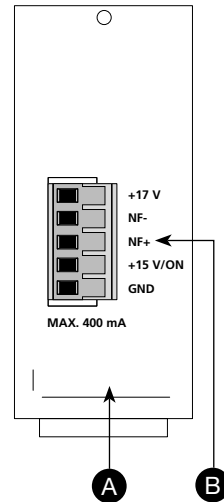
APS-04.1

Input module for remote control unit



Front view (FRS)

- 1 Sound source label
- 2 Volume control
- 3 Operating indication
- 4 Model code



Rear view (RWS)

- A Input label
- B Connector block

Description

Designation and function

Input module for the reproduction of a remote control unit according to the label

Possible sound sources

Remote control unit (mobile console or fitting model)

Use of the module

As an independent input

Adjustments on the module

High pass filter 120 Hz/ -12 dB (Subsonic filter, proximity effect)

Function of the module

According to the programming of the APS-990 processor module

Volume control

Do affect the volume in all active loudspeakers

Security

the operating knob can be removed (with pliers) – operation only then possible with the aid of a screw-driver; an additional cover makes the operation impossible (prevents operation errors)

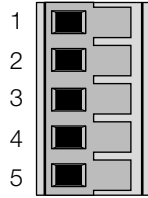
Rear panels (RWS)

RWS-04

Technical specifications

Connection diagram for the connector block (B)

- 1 +17 VDC (170 mA; reserve)
- 2 LF (low frequency) input balanced –
- 3 LF (low frequency) input balanced +
- 4 Supply +15 VDC for the remote control unit
- 5 Ground



Data

Removal of the module from a unit

- a) CAUTION: the amplifier system must be disconnected from mains and battery supply!
- b) Remove the covering strips at the cabinet
- c) Unscrew the mounting screws
- d) Pulling out the module forwards

Tasks of the module

- LF connection between the remote control unit and the input buses (M1–M4)
- Connection between remote control (external contact) and the processor module APS-990
- Current limit of remote control supply with error message to APS system

| | |
|-----------------------|------------------------------|
| Input sensitivity | 0 dBm (0.8 V) |
| Connection | Balanced, Dynamic PF limiter |
| Balancing | Made by LF transformer |
| Electrical insulation | Made by LF transformer |
| Input impedance | 600 Ohm |
| LF signal (input) | Low frequency (20 Hz–20 kHz) |

Data transfer between the module and the APS-990

Via the I²C-Bus

Remote control

- Switch-on/switch-off of the amplifier unit
- Transmission of an information to the APS-990

Remote control activation

Via the supply +15 VDC with current detection. The operating indication lights and the module as well as the remote control unit are ready. But the reproduction is only possible, if no function with a higher priority occupies the system.

Priority and LF activation

According to the programming of the APS-990

Use of the module

Independent

Possible remote control units

- APS-3xx (Console version)
- APS-4xx (Built-in model)
- ARC-3xx (ARC module)

Important

The use must be in accordance with the programming!