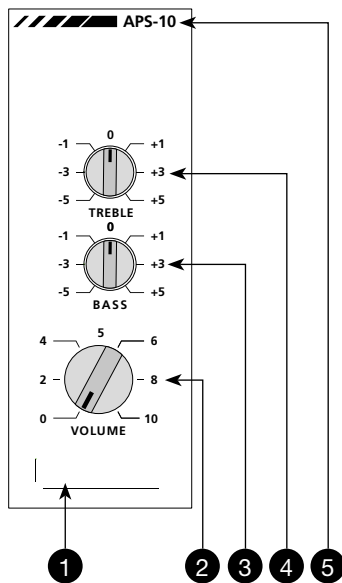


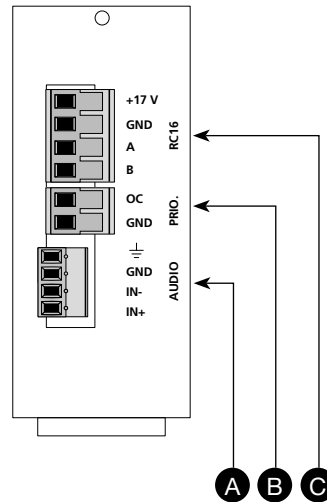
APS-10.2

Input module with wired remote control



Front view (FRS)

- 1 Sound source label
- 2 Volume control
- 3 Bass control
- 4 Treble control
- 5 Model code



Rear view (RWS)

- A Connector for LF signal
- B Connector for priority contact
- C Connector for remote control (RC16 bus)

Description

Designation and function

Universal input module with wired digital volume control for the reproduction of a sound source according to the label

Possible sound sources

Dynamic microphone, condenser microphone, wireless microphone, music device, line

Use of the module

As an independent input

Adjustments on the module

- Level adaptation to the sound source (input sensitivity / input impedance)
- RC16: Device number (ID) and channel
- High pass filter 120 Hz / 12 dB (Subsonic filter, proximity effect)
- Phantom powering

Function of the module

According to the programming of the APS-990 processor module

Controls for volume, bass and treble

Do affect the tone of the sound source 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)

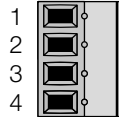
Rear panel (RWS)

RWS-10.2

Technical specifications

Connection diagram for the connector block (A)

- 1 Earth
- 2 Ground/shield
- 3 LF input symmetric –
- 4 LF input symmetric +



Connection

Microphone/Line	Balanced
Source/AUX	Balanced

Balancing

Electronically made

Connection diagram for the connector block (B)

- 1 Priority Open Collector
- 2 Priority ground

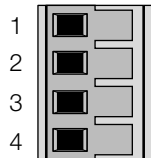


Input impedance

For microphone	200 Ω
For auxiliary/line	47 kΩ

Connection diagram for the connector block (C)

- 1 Supply remote control 17 V
- 2 Supply remote control ground
- 3 Data line RC16 A
- 4 Data line RC16 B



Phantom powering for condenser microphone

12 VDC

Remote control

RC16 subscriber

Volume range

-100 dB to +6 dB (adjustable over RC16)

Dynamic range

-83 dBu to +12 dBu

Functions

0 dB, Bypass 0 dB, Mute (according to APS programming)

Priority and LF activation

According to the programming of the APS-990

Use of the module

Independent

Important

The use must be in accordance with the programming!

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

Input sensitivity

Selectable with the mini switches S1 and S2 – according to the table printed on the module (S1 = 6-pole, S2 = 3-pole)

-63 dBu	With/without phantom powering
-53 dBu	With/without phantom powering
-43 dBu	With/without phantom powering
-20 dBu	Without phantom powering
-10 dBu	Without phantom powering
0 dBu	Without phantom powering