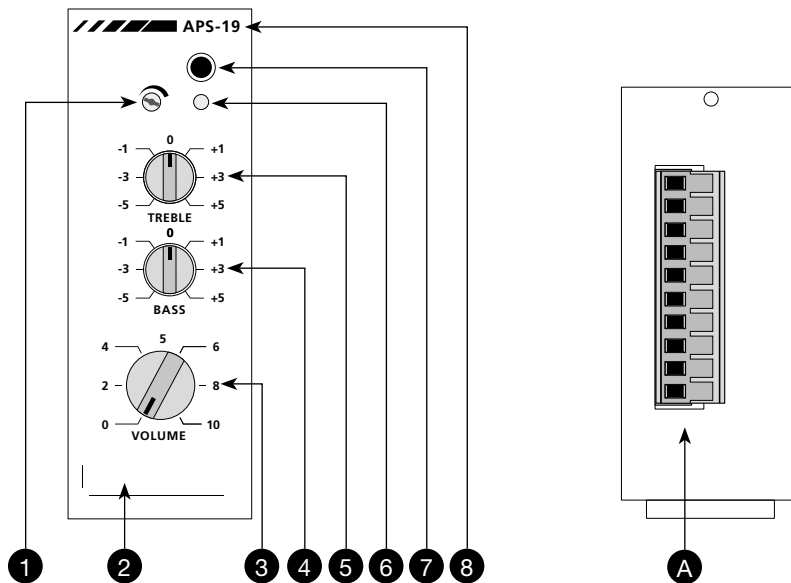


# APS-19.1 | APS-19.2

## MP3 Player



### Front view (FRS)

- |                        |                          |
|------------------------|--------------------------|
| 1 Upper volume control | 5 Treble control         |
| 2 Sound source label   | 6 Activity indication    |
| 3 Lower volume control | 7 Socket for programming |
| 4 Bass control         | 8 Model code             |

### Rear view (RWS)

- A Connector block

## Description

### Designation and function

MP3 player for the reproduction of signals according to the label

### Possible signals

- Attention signals (gong)
- Alarm signals (siren)
- Alarm messages and information messages
- Music

Recording of the signals and setting of the volume with the help of a service program

### Use of the module

As an independent signal source

### Adjustments on the module

Activation of the remote controls

### Function of the module

According to the programming of the APS-990 processor module

### Controls for volume, bass and treble

Do affect the tone in all active loudspeakers

### Security

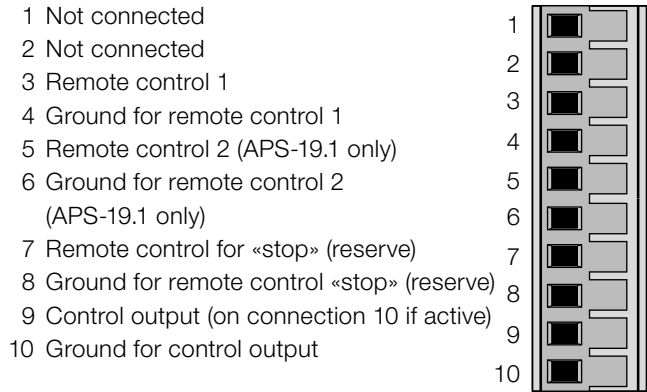
the operating knobs can be removed (with pliers) – operation only then possible with the aid of a screw-driver; an additional cover makes the operation impossible (prevents operating errors)

### Rear panels (RWS)

RWS-51

**Technical specifications**

**Connection diagram for the connector block (A)**



**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**

- Reproduction of recorded MP3 signals on the input buses (M1–M4)
- Connexion between the remote controls (external contacts) and the processor module APS-990

**Capacity**

APS-19.1	14 signals at 2 MByte
APS-19.2	30 signals at 1 MByte

**MP3 audio format**

Samplingrate	44.1 kHz
Bitrate (mono)	16 kBits, 32 kBits, 64 kBits

**Remote controls**

- Switch-on/switch-off of the amplifier unit (normally open contact only)
- Transmission of digital information to the APS-990

**Remote control activation (at the connector block)**

- Remote control 1 External contact between the connections 3 and 4
- Remote control 2 External contact between 5 and 6 (APS-19.1 only)

**Remote control 1 (upper internal mini switches)**

- S2.1 = ON Activation (3/4) with normally opened contact
- S2.2 = ON Activation (3/4) with normally closed contact

**Remote control 2**

**(lower internal mini switches; APS-19.1 only)**

- S1.1 = ON Activation (5/6) with normally opened contact
- S1.2 = ON Activation (5/6) with normally closed contact

**Important:** Never both mini switches may be ON or OFF at the same time!

**Deactivation of the switch-on/switch-off**

- Remote control 1: remove the Diode D4 on the module
- Remote control 2: remove the Diode D5 on the module

**Control output and activity indication**

are active during the reproduction of a signal

**Control output (connection 9 at the connector block)**

Open Collector (V<sub>CE</sub> 50 V, I<sub>C</sub> 500 mA, P<sub>C</sub> 250 mW)

**Connection diagram for socket for programming**

As for the APS-990

**Data transfer between the module and the APS-990**

Via the I<sup>2</sup>C bus

**Priorities, selection of the signals 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!