MP3 Player module　　　　　　　　　　　APS-19

Features

- MP3 Player for playback of attention melodies and alarm signals in CD quality
- Memory capacity: 32 MB equally scheduled to 16 or 32 messages
- All melodies can be individually retrieved from customer specific APS program
- Easy to download and change messages
- 4 channel technology and I²C bus logic
- Serial RS232 interface for PC download/ upload of MP3 files

Principle

APS-19 has two inputs for external trigger of functions with automatic switch-off of the system.

Individual trigger of chime/ siren, also manually from pushbutton modules at the system or from interface modules and external switches

Two separate volume controls for chime melodies and alarm signals; volume of the alarm signals can only be adjusted by screwdriver.

Allocation of the active volume control for each chime/ siren is individually programmable by PC user software. The base sound level for each chime/ siren individually is adjustable by PC user software.

LED display and open collector output (800 mA) for indication when module is active.

Integrated surveillance of the entire module according to EN 60849 using the master-monitoring module APS-177-EV
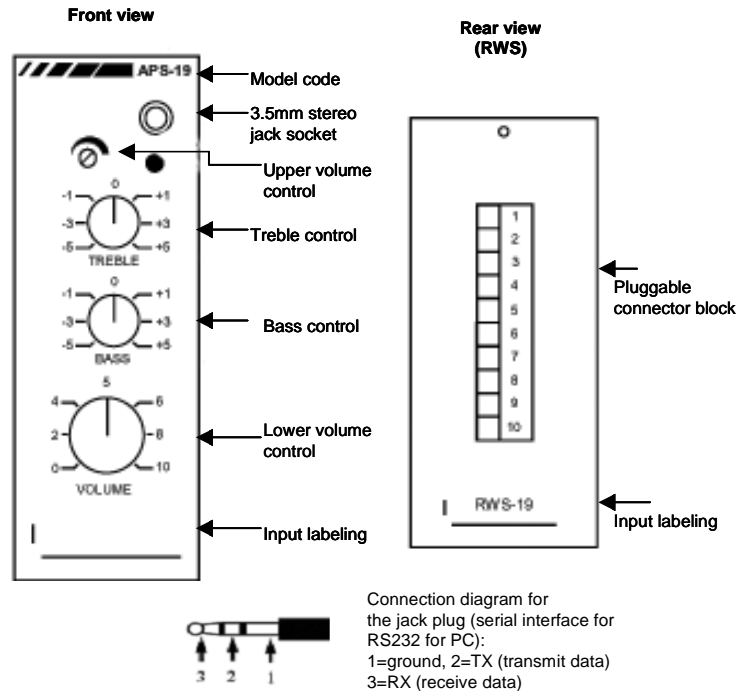
Versions

BRG-APS19.1　16 messages, each of 2 MB
BRG-APS19.2　32 messages, each of 1 MB

Technical specifications

Technical specifications	
Memory capacity	Maximum of 32 MB 16/32 MP3 files
Operating	Program APS-19.exe via jack socket
Write protection	Via internal Dip-switch
Activation	By RWS, input modules, condition modules, panels
LED display and control output (OC 300 mA)	Active during playback of signals
Output level	0 dB-18 dB
Volume control	Each signal single programmable (playback via upper or lower volume control)
Operating knobs	Can be removed. Operating then only possible with screwdriver
EV	Version for evacuation systems with APS-177-EV

Article number	Description
116-BRG-APS-19.1	MP3 Player module 16 messages, each of 2 MB
116-BRG-APS-19.1	MP3 Player module 32 messages, each of 1 MB

View

Front view

Model code
3.5mm stereo jack socket
Upper volume control
Treble control
Bass control
Lower volume control
Input labeling

Rear view (RWS)

Pluggable connector block
Input labeling
RWS-19

Connection diagram for the jack plug (serial interface for RS232 for PC):
1=ground, 2=TX (transmit data)
3=RX (receive data)

Connections

1	Not connected
2	Not connected
3	External release function 1
4	Ground external release function 1
5	External release function 2
6	Ground external release function 2
7	Reserve
8	Ground reserve
9	Control output (switched to 10 if active)
10	Ground control output