Event controlled Pro Audio Player
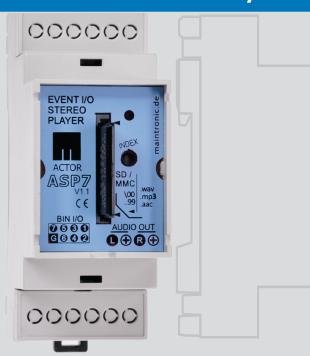
maintronic

Eventplayer100
Infotainment Audio System
Art.Nr.: 15.100 / 15.101

XML Programmable audioplayer
Stand alone operation or as a network
Peripheral control with control telegram

- Extensive playback functions
- 7 binary inputs and outputs
- IN/OUT textstring triggering
- Interfaces for communication
- Remote extension units
- EIB push button sensor connection
- DMX Interface (Optional)
- Stereo Line / Phone output
- Delay function up to 4 hrs.
- Free configuration software
- Firmware update possibility

The Eventplayer100 is a Programmable MP3 Logic Controller configured with XML. That is why he is able to cover a variety of applications. A SD-card is required with all audio files, playlists, and the configuration file for the operation.

Remote Control

To perform a certain action, it needs an event. An event can be a keystroke or a command of an interface or be certain date by a extern time control.
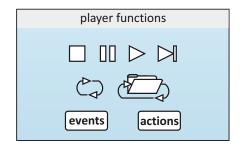
Binary In- and Outputs

For controlling are seven free configurable Binary connections available which can be used as inputs and outputs.
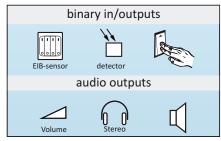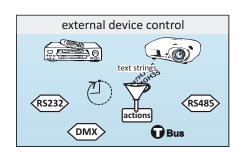
Interfaces

The devices of the infotainment audio system are equipped with interfaces for communication to interact with external devices and to receive or send commands. An RS485 interface as a COM port or bus Actor are included, optional are DMX available.

Control of external devices

An important feature is the ability to send and receive text strings via an interface. With this feature it is possible, to remote control of an external device such as a video player or a PC or to receive commands from external devices. For this purpose the received data stream is filtered and evaluated according to instructions.

player functions / events / actions

binary in/outputs / EIB-sensor / detector / audio outputs / Volume / Stereo

external device control / text strings / RS232 / actions / DMX / RS485 / Bus

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Audio outputs

The Eventplayer100 includes a symmetric stereo output to connect a headphone or a power amplifier (eg AV30 as DIN mounting amplifier).

Software

With the software a configuration file can be created on screen comfortably. The user can select via a Graphical User Interface (GUI) the desired events and actions and save the complete configuration on an SD card.

Standalone or as an extension

It is possible to use the Eventplayer100 standalone as a central media control or combined with other Eventplayer100, and the Eventmatrix as a extensible distributed control system. Simple wiring by using a bus cable. Very extensive and powerful with many expansion options.

Update possibility

The product family is well prepared for the future. Throught the integrated operating system and the possibility of firmware updates, future functions can be integrated without replacing the hardware.

Top connections X1

RS485 Bus (ACTOR):

Pin (1) - black - Ground
Pin (2) - white - RS485 / T-Bus Signal +
Pin (3) - yellow - RS485 / T-Bus Signal -
Pin (4) - red - Power + 7 ... 24V DC

DMX Bus (alternative with DMX version):

Pin (1) - black - Ground)
Pin (2) - white - DMX Signal +
Pin (3) - yellow - DMX Signal -
Pin (4) - red - Power + 7 ... 24V DC

Control panel
(1) = Status LED
(2) = SETUP button
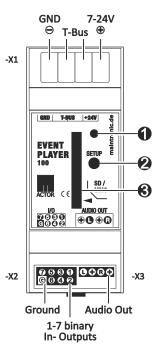(3) = SD-Card Slot
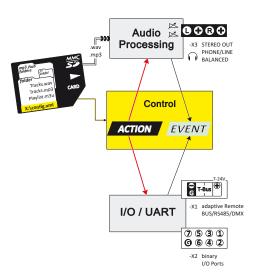
Bottom connections

left X2:
Binary in- and outputs
Pin (G) - Ground
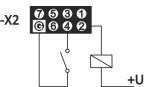Pins (1 - 7) - binary switch
(signal ground switch)

right X3:
symetrical stereo
audio output

Specifications / technical data

POWER: 7-24V DC	Play Mode Line 600 Ohms 7V |60mA / 0,4 W; ..24V |25 mA / 0,6W	Play mode 16 Ohms headphone Max. 1,75W
AUDIO Low Power	Stereo Balanced Outputs +6dB 2Veff / 600 Ohms Line THD 0,001% / 1 KHz Loads > 16 Ohms (headphones THD 0,5% /1KHz)	
Memory Cards	~up to 32 GB SDHC / SD / MMC FAT 32 formatted	
Supported Audio files All bit rate	Recommended: (.MP3) Layer III /44,1kHz 32 ... 320 kbps ; (.WAV) – Stereo 16 Bit PCM; (.AAC) MPEG 4 LC /44,1kHz 32 ... 320 kbps	* ID3 Tag Display (Option)
Digital Volume Control	125dB Range 0,5dB Steps	XML Setup Each Channel Fading / Step-size
Pro Audio Converter 24Bit Stereo DAC	Analog Characteristic 18Hz~ 20kHz +/- 0,02dB	Sampling-Speed: 44,1kHz (16kHz~96 kHz) S/N A=> @ 92dB
7 x Combination binary I/O Ports	Input: Low Active ca. 2,5 mA	Output: Open Collector max.24V | 300mA
more extended GPIO / I/O Ports/ **EIB Sensors** via RS485 Actor T-BUS Devices		
Controls / Indicator	Soft key: Index	Status LED: Play /Update /Info's
Remote I/O extended controls	RS485 T-BUS (Art.no 15.100) * DMX 512 (Option Art no. 15.101)	
Gehäuse /BOX Größe/Size	fastened to DIN (EN 60715) rail 90x73x35 mm 2 TE/DIN Units.	Self- extinguishing Blend PC/ABS
protection class	IP40 > DIN EN 60529	
weight	ca. 90g	
ambient temperature	-35C° ... +55C°	

Connection example Bin I / O

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