MultiDAP-IP

Ethernet-enabled Multi-channel Audio Player

Exceptional sound quality
Reads uncompressed audio at better than CD quality.

Highly reliable
Fully solid state operation, and dedicated hardware ensure smooth running for years.

Extensive control
RS232, Ethernet, GPIO contacts.

Economical
No running costs due to servicing.

Loop-able
Seamlessly loop files for perfect continuous playback.

Compact
Compact stand-alone unit. Up to 8 stereo tracks in 1U in a 19" rack.

Unlimited synchro
Each player can be linked to an unlimited number of further players to offer an infinite number of perfectly synchronised audio tracks.

Flexible configuration
Group GPIOs can be multiplexed and independently configured, and each stereo channel has its own GPIOs for independent triggering.

Platform-independent config
Through an HTML interface or java app, the player can be configured from any device.

Reliability… EXTREME

- Designed for 24/7 operation
- Fully solid state with no moving parts

Warranty… EXTREME

- 8 year warranty exchange for clients orderingfrom a register dealer

The MultiDAP-IP is a stereo or multitrack digital audio player (up to 8 stereo channels) in a 19" rack frame.

The total absence of moving parts in its design guarantees absolute reliability. An unlimited number of MultiDAP-IPs can be connected together for as many channels as are needed, all the while remaining perfectly synchronised.

The MultiDAP-IP is fitted with 2 input contacts per stereo channel, plus 4 GPIOs which can be multiplexed and assigned to various functions. The MultiDAP-IP can also be controlled via RS232 or Ethernet strings.

www.rsf-int.com

Made in Europe

Technical specifications

Audio Parameters

Audio Format	MP3 up to 320 KB/S or 16 bit uncompressed WAV up to 48 kHz sampling rate
Bandwidth	20Hz to 20KHz
Distortion	less than 0,01%
Dynamic range	92 dB

General Parameters

Recording capacity	Maximum capacity 2 GB per stereo channel
Number of messages	Up to 99 per stereo channel
Storage support	1 x SD Card per stereo channel (FAT 16)
Max. n°. of channels	8 stereo channels per player. Unlimited number of players can be connected together

Connectors

Independent Output (line level)	2 x RCA line level per stereo channel
Control	Ethernet, RS232, 4 x GPIO

Connectors

Dry contact control	Phoenix block
RS232	SUB-D9 Fem
Power IN	12V DC

Programming

	Via Audio file name, simple text file, & HTML page / java app

Functionalities

The messages can be triggered via:

	4 multiplexable input ports
	RS232
	Ethernet

Volume of each channel of each player can be independently controlled and/or read with RS232 and Ethernet

Enclosure

	1U 19" Rack in lacquered black metal

Environment

Temperature	0°C(32°F) to 50°C(122°F)
Relative Humidity	0-90%

Warranty

	8 years (see warranty T&Cs on our website)

Connections

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Optional accessories

MicroAMP	Miniature audio amplifier 2x10W
MiniAMP	Miniature digital audio amplifier with 3-band EQ 2 x 30W
MicroRAD	PIR presence detector
TaCAP3	Capacitance sensor for non-contact switch
Button	High Quality PTM button for triggering via contact closure

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