Ethernet-enabled Multi-channel Audio Player

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.

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.

RSF—EXTREME PRODUCTS

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

Warranty... EXTREME
- 8 year sustainability warranty

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 ....Below 0,01%

Dynamic range ....92 db.

General parameters

Recording capacity (per player) ....Maximum capacity 2 GB per stereo channel

Number of messages ....Up to 99 per stereo channel

Storage support (per player) ....1 x SD Card per stereo channel (FAT 16)

Max. number 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 connectors ....Ethernet, RS232, 4 x GPIO

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 input ports (dry contact). 4 multiplexable input

....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)

Rear view

Optional accessories

MicroRAD .... Miniature passive PIR presence detector

TaCAP3 .... Capacitive sensor for creation of a non-contact switch

Button .... High quality PTM button

MicroAMP .... Miniature (2 x 10W) amplifier

MiniAMP .... Miniature (2 x 30W) digital amplifier