OneDAP-IP

The Miniature-Sized
AudioPlayer for Simple Applications

The OneDAP-IP is a compact audio player specially designed for easy installation in stand alone or centrally controlled situations. Its small size and simple connectivity enables an easy and fast installation.

The inclusion of Ethernet connectivity ensures flexible triggering, programming, and updating- all of which can be done from anywhere with an Internet connection.

The OneDAP-IP is designed to provide outstanding audio playback quality and flexibility wherever reliability is a requirement.

Dependable
The OneDAP-IP is entirely solid-state meaning there are no mechanical parts

Better-than-CD quality sound
The OneDAP-IP reads 16 bit uncompressed WAV files at up to 48kHz sampling than a CD.

Audio controls
Volume, bass, and treble can all be individually controlled to shape the sound bands can be adjusted for semiparametric equalisation.

GPIO controls
The OneDAP-IP has 4 input contacts that can be multiplexed for up to 15 discrete dependently changed to outputs for cases where an external device needs to.

Other controls
All audio files plus volume settings and fades can be directly triggered via RS232.

Perfect loops
WAV files can play in a perfect loop with no audible break.

Ethernet access
An inbuilt HTML server allows any web-browsing device to configure the GPIOs and content remotely.

Install & forget
Reliability, plus Ethernet control mean that the OneDAP-IP can be installed and managed, exactly where it has been placed!

Reliability… EXTREME

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

Warranty… EXTREME

- 8 year warranty exchange within 24h for clients ordering from a registered dealer

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Made in Europe

Technical specifications

Audio Parameters

Audio Format	16 bit WAV or up to 320kb/s MP3
Sampling rate	32kHz, 44.1kHz, or 48kHz
Bandwidth	20Hz to 20KHz
Distortion	less than 0,01%
Dynamic range	92 dB
Output Level	Line level

General Parameters

Max storage	2GB
Storage medium	2 x SD card (FAT formatting)
Number of messages	99 (maximum)
Audio refinement	2-band semi-parametric EQ

Connectors

Audio output	RCA cinch (2X)

Control	5 port phoenix-type connector
	RS232
	Ethernet
Power supply	12V DC (included)
Indicators	Status LED
	Power LED
	Ethernet connection LED
	Ethernet activity LED
Configuration	HTML page
Maximum consumption	45mA, 5-12V DC
Maximum output of GPIO	3V 2mA
Enclosure	Black metal box
Dimensions	159 x 96 x 29 mm (LxDxH)
Weight	530 Gr

Environment

Temperature	0°C (32°F) to 50°C (122°F)
Humidity	0-90%
Warranty	3 years

Connections

Front

Back

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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