



MicroDAP

The small size audio player for EXTREME applications

product information

The MicroDAP is a compact audio player specially designed for easy installation in stand alone situations. Its small size and integrated power supply enables an easy and fast installation.

The latest in the RSF ProDAP product line, the MicroDAP benefits from RSF's long experience of offering extreme reliability, flexibility, and ease of programming.

The MicroDAP is designed to replace CD players wherever reliability is a requirement.



EXTREME RELIABILITY

The Flash Memory is soldered to the circuit board to guarantee extreme reliability in extreme environments (moving installations, high humidity sites, etc.).

EXTREME FUNCTIONALITY

- **CD quality sound**
The MicroDAP reads MPEG files (MPEG2 and/or MP3) with the highest reproduction quality.
- **Built-in amplifier**
The MicroDAP includes an amplifier (2x1W stereo or 1x2W mono) to directly connect to loudspeakers or headsets.
- **Audio controls**
Several audio parameters are adjustable including volume, bass, treble, loudness, and compression.
- **Triggering controls**
The MicroDAP has 4 input contacts that can be directly connected to buttons to start messages or be linked to an automation system.
- **IGuide™ programming software**
The MicroDAP is supplied with RSF's IGuide™ audio programming software, a powerful, yet easy and intuitive tool. IGuide™ offers multiple programming possibilities, including configuring sounds to automatically play at startup, looped playback, or chained playlists. IGuide™ can also be used to control audio parameters and to transfer audio content onto the MicroDAP.
- **Infra Red (IR) control**
The MicroDAP includes an IR receiver that enables users to easily control, test, and adjust the audio parameters by using a standard RC5 remote control.

EXTREME PROFITABILITY

- Competitive price.
- No running costs.
- Minimum space requirement.

RSF - EXTREME Products

Reliability... EXTREME

- Designed for 24/7/365 time operation.
- Fully solid state with no moving parts.

Service... EXTREME

- 3-year swap warranty within 24 hours.

References... EXTREME

Our customers range from the smallest regional museums to the largest attraction parks. Some of our important references: Disneyland Paris (FR), 'Futuroscope de Poitiers' (FR), City of Sciences, Paris (FR), British Museum, London (UK), Stonehenge (UK)...



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Front view



Rear View

Technical specifications

Audio Parameters

Audio Format	CD 16 bit quality with MPEG1/2 Layer II/III (MP3) compression
Bandwidth	20Hz to 20KHz
Distortion	less than 0,01%
Dynamic range	92 dB
Power amplification	2 x 1 W (4 Ohm) or 1 x 2 W (8 Ohm)

General Parameters

Recording duration	from 112 min. to 448 min. depending on the compression rate
Number of messages	899 (maximum)
Memory support	integrated 512MB flash card (soldered to circuit board)

Connectors

Audio output	RCA cinch (2X) Line level or Loudspeaker level configurable via software
Control and bus	SUB-D9 Fem. - 4 dry input contacts - 1 output 3V to connect a LED
Power supply	230V AC CEE7 figure-of-eight

Indicators

Power	1 blue Led
Playing	1 green Led

Configuration

.....	with iGuide™ software from RSF
Power supply	MicroDAP : 230 V - AC (internal)
.....	MicroDAP-DC : DC (external - not included)

Maximum consumption

.....	0,5W to 2,5W
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Enclosure

.....	Black metal box
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Dimensions

.....	105 x 105 x 44 mm (L x D x H)
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Weight

.....	210 Gr
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Environment

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

.....	3 years
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Optional accessories

MemoREC	Data transfer tool; IGuide™ software included
MicroAMP	Miniature audio amplifier 2x10W
KITRadar	Radar triggering kit
IRRCDAP	IR remote control
MoIR	IR diode emitter
MINIRAD	IR mini radar triggering kit
TACAP	Capacity sensor for creation of a tactile key