egnite

Codespot Pro

Event-driven audio player. Characterized by easy configuration and high-quality audio.

Codespot Pro has two digital inputs to connect sensors that notifies the device of occurring events.
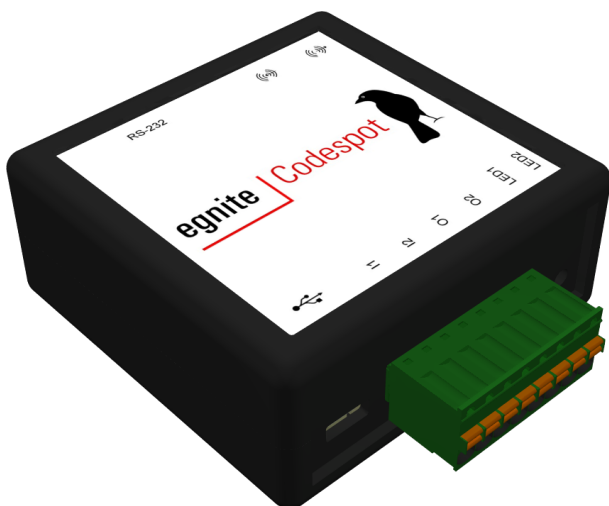
Its convenient configuration GUI allows you to easily tell Codespot how to react on these events. You can not only play audio files from the internal 4 GB microSD card but also control external devices using Codespot Pro's two digital outputs or the RS-232 interface. Thus you easily integrate spot lights, fog machines, motors and and more into your project.

Codespot Pro is based on audio technology that provides brilliant audio quality and supports a multitude of popular audio formats. You can use it stand-alone or remote-controlled via RS-232.

Codespot Pro is very small, robust and maintenance-free. It is suitable for usage in cultural and commercial contexts and is designed for people with a non-technical background. No programming skills are needed.

Features

- Event player
- High-quality audio
- Playback of MP3, OGG Vorbis, PCM and more
- Stereo-line output
- Headphone support
- 2 sensor inputs
- 2 digital outputs to control additional devices
- Internal 4 GB microSD card
- RS-232 serial port
- Maintenance-free
- Nonstop operation
- Extremely robust
- Suitable for unheated rooms
- Small-sized

Applications

- Audio stations for museums and exhibitions
- Sound installations at theme parks and fairground rides
- Model railroads
- Speaking information- and warning devices
- Multimedia installations

Specifications

Interfaces

Audio out	3.5 mm stereo jack 30 Ω
Audio in	3.5 mm stereo jack 80 Ω, 2.8 V pp max.
USB	USB 2.0 device at micro-B receptacle
RS-232	1 x 9-pin DCE, 2 lines, 15 kVrms
Memory card	MicroSD, 4 GBytes, replaceable
Contact inputs	5 V 0.6 mA, not isolated
Voltage inputs	3-48 V, 0.5-12.4 mA, 5 kVrms isolation
Contact outputs	Max. 48 V, 400 mA, 1.5 kVrms isolation
Indicators	Power (red), status (red / green)

Power supply

USB	USB micro-B, 5 V
Consumption	0.35 W (standalone), 1 W (USB transfer)

Environmental

Operating temperature	-30 to 85 °C (-22 to185 °F)
Humidity	5 to 95 %, non-condensing

Approvals

Safety	Enclosure UL94-HB, PCB UL94-V-0
RoHS compliance	EU directive 2002/95/EC

Metrics

Dimensions (L x W x H)	82.0 x 66.2 x 28.0 mm (3.3 x 2.6 x 1.1 in)
Weight	75 g (0.17 lb)

Product identification

Model	Label on the bottom side

More Information

Find out more about Codespot. Visit us at www.egnite.de