



Interactive MP3 player using SD card

The MP3 Micro Player is a versatile player, specifically designed for installations where broadcast of sounds, music, sound effects or commentaries is required either in a pre-defined playback mode and/or interactive mode.

The MP3 files are stored on SD memory card using any file manager software. A seven digit code, inserted in file and directory names provides powerful automation of the playback program. The naming of files and directories determines the broadcast pattern: which input starts the file, if it may be interrupted and next action after broadcast.

Autoplay - Playback automatically starts on powering on (configurable).

Interactivity - Playback of files is triggered when one of the input contacts is activated, on receipt of order from an infrared remote control or through the RS232 serial link. Using binary combination, the 4 dry contacts provide up to 15 input facilities.

Playback mode - Four playback modes are available : loop, play once and stop, random or predefined order. It is also possible to allow a file interruption or not.

RS232 serial link - The functions provided through the serial link enormously open the scope of use of the Micro Player.

Daisy chain mode - The serial *out* Tx of one player is linked to the serial *in* Rx of the next one and so on...Orders are transmitted in the chain of players and each player can be addressed individually. 127 players can be controlled through one serial link.

Monitoring mode - Status data are sent to the serial *out* Tx : start/stop status, volume changes, USB mode... In security applications, the Micro Player status can therefore be monitored by a controller.

Low power mode - When the Micro Player is configured in *low power mode*, the consumption is less than 1mA thus offering long autonomy when powered on battery, using solar energy for example.

Integrated amplifier - The 2x20W built in amplifier is sufficient for small and medium sized premises.

Modular rackable design - The Micro Player is a flexible audio source which can be used as standalone unit, in integration projects or in 19" racks.

The case is designed in 1/3 rack format and a 19"-1U rack mounting is available for installation of up to 3 Microplayers.



SUGGESTIONS

- In public places, broadcast messages such as warnings, practical information, directions, assistance.
- On machine tools, play alarm messages on defective status detection.
- In theme parks, get talking animals to heckle passers-by.
- Multilingual broadcast of audio scenes in up to 15 languages.
- In museum, art galleries, get pictures, objects to talk and tell their story.
- In fun fairs, rides, play sound effects.
- Use one player per zone for varied background music programs in hotels, fitness centres...

You name it, the applications are endless...

SPECIFICATION

- SD card MP3 player
- 4 electrical input contacts to trigger MP3 files. 15 when binary combined
- Line level stereo output on RCA
- 2x20 w integrated amplifier
- Infra-red detector for external remote control
- USB link to update SD card
- RS232 serial link
- External 12V power supply with polarity protection - Choice between 500mA and 3.45A depending on the application
- Volume, treble and bass settings
- Size: 1/3 rack 19" - 1U
- Optional rack support to fit up to 3 units