

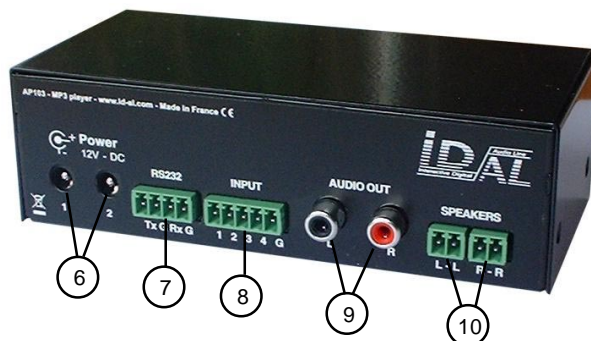


# MicroPlayer - Quick start guide

## 1 - Connections



- 1 - USB socket - To update the SD card
- 2 - SD memory card slot
- 3 - Volume setting + / -
- 4 - Infrared sensor
- 5 - Luminous indicator



- 6 - Power supply - 2 sockets
- 7 - RS232 serial link
- 8 - Inputs on dry contacts
- 9 - Audio output on line level
- 10 - Amplified output for speakers

## 2 - SD memory card

Choose a quality memory card of **minimum size 512Mo**

New cards are usually pre-formatted in «FAT» and will need to be reformatted in FAT32

**!!! the SD card MUST be formatted in FAT32 !!!**

## 3 - Operation of the MicroPlayer

The MicroPlayer reads MP3 FILES ONLY. Operation of the player, the way the files are broadcast and how, is fully defined by:

- The configuration file to specify settings of the player and advanced functions (RS232, Infrared...) - See overleaf
- The names allocated to directories and files - See hereafter

### 3.1 - Basic mode

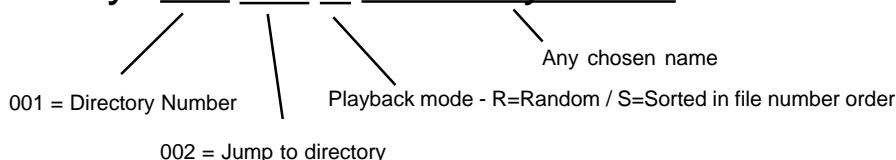
Files are copied into the memory card directly at the root - no directory is created. Files are read in loop on powering on, except if a configuration file is instructing otherwise. The files are read in the order they have been copied into the card (first copied, first read). Inputs are configured as follows:

- Input 1: Previous file
- Input 2: Stop
- Input 3: Play
- Input 4: Next file

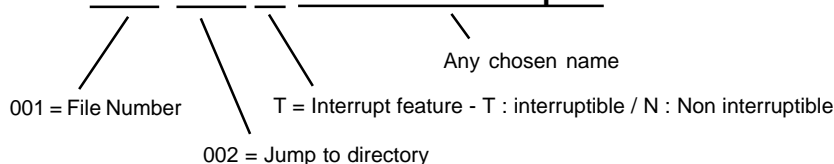
### 3.2 - Advanced mode

When used in advanced mode, the MicroPlayer becomes an interactive automated player and the broadcast scenario is determined by the way files and directories are named. Names are made of 6 NUMBERS + 1 LETTER followed by a chosen name. Use the meaningful 7 digits in front of the chosen file name to play in a specific order or/and to automatically «jump» to a directory after playing. When loop random play is required, any file name can be used (no special characters).

Directory: 001002R directory name



File: 001002T file name.mp3

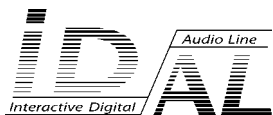


#### Special directory names:

- Directory 000: default directory played on powering on.
- Directory 001 to 015: allocated to the 15 input contacts.
- Loop in a directory: 001001R = loop in directory 001.
- Play a directory and then stop: 001###R = play directory 001 and wait.

#### Special file names:

- Play next file without jump: 001###T = play next file in the current directory.



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## 4 - Configuration file - config.txt

**Some functions of the MicroPlayer can only be fully defined by a configuration file.**

- Create the configuration text file using any text editor (Notepad, Wordpad...) - Format is #PARAMETER:xxx as follows
- Name the file: **config.txt**
- Copy **config.txt** into the SD card, at the root

Note: if the configuration file is not present at the root of the SD card, default factory settings will be applied.  
If the line of a parameter is missing, the default value of this parameter will be used.

#ID:xxx	Player IDENTIFICATION - xxx number between 001 and 127 - <i>Default 001 allocated to player 001</i>
#VOLUME:xx	Setting of VOLUME - xx = any value between 00 and 31 - <i>Default value = 16</i>
#BASS:xxx	Setting of BASS - xxx = any value between -12 and +12 - <i>Default value = 00 no correction</i>
#TREBLE:xxx	Setting of TREBLE - xxx = any value between -12 and +12 - <i>Default value = 00 no correction</i>
#POWER:x	LOW POWER mode - x = value 0 or 1 0 = Mode without low power mode management - <i>Default mode</i> 1 = Low power mode management
#RS_MONITORING:x	RS232 serial link mode x = value 0, 1 or 2 0 = Mode «Daisy chain» - <i>Default mode</i> 1 = Mode «Surveillance» 2 = Mode «Surveillance extended»
#AUTOPLAY:x	Autoplay on powering on - x = value 0 or 1 0 = Mode «Autoplay» not activated 1 = Mode «Autoplay» activated - <i>Default mode</i>
#BOOT:xxx	Directory to be played on powering on - xxx any number between 000 and 999 <i>Default value = 000</i>

When using an Infrared remote control, keys of the handset can be associated to functions of the player, using the following commands in the configuration file :

#IR_PLAY:xx	Allocate key xx to function Play / xx = any value between 00 and 15
#IR_STOP:xx	Allocate key xx to function Stop / xx = any value between 00 and 15
#IR_NEXT:xx	Allocate key xx to function Next File / xx = any value between 00 and 15
#IR_PREV:xx	Allocate key xx to function Previous File / xx = any value between 00 and 15
#IR_VOLUP:xx	Allocate key xx to function Volume + / xx = any value between 00 and 15
#IR_VOLDN:xx	Allocate key xx to function Volume - / xx = any value between 00 and 15
#IR_DIR:yyy:xx	Allocate key xx to function Jump to directory yyy / yyy = value between 000 and 999 / xx = value between 00 and 15

### Example of configuration file :

#ID:005	Player number 005
#POWER:1	Low power mode
#BOOT:012	Read directory 012 on powering on
#AUTOPLAY:1	Autoplay on - start reading on powering on
#RS_MONITORING:1	Serial link set in «surveillance» mode
#VOLUME:15	Volume level set at 15 on powering on
#BASS:+06	Bass reduction +06dB
#TREBLE:-03	Treble increase -03dB
#IR_PLAY:02	On the infrared remote press key 02 to Play
#IR_STOP:03	On the infrared remote press key 03 to Stop
#IR_NEXT:01	On the infrared remote press key 01 to play Next File
#IR_PREV:04	On the infrared remote press key 04 to play Previous File
#IR_VOLUP:10	On the infrared remote press key 10 to adjust Volume Up
#IR_VOLDN:11	On the infrared remote press key 11 to adjust Volume Down
#IR_DIR:145:06	On the infrared remote press key 06 to play directory 145