



# NanoPlayer mkII - Quick start guide (firmware v2.x)

## 1 - Connections

### Memory card :

We recommend the use of a quality SD/SDHC card of a minimum size of 64Mo.

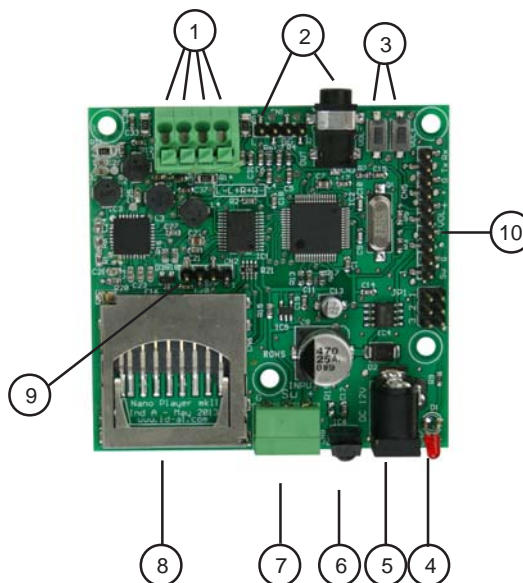
A brand new card is usually pre-formatted in «FAT». It is also possible to use format FAT32 for cards over 512Mo capacity.

The SD/SDHC card must only be inserted or removed whilst the NanoPlayer is NOT POWERED ON.

### Files compatibility :

- Stereo MP3 files, 44.1KHz, from 112kbit/s to 320kbits/s (CBR and VBR)
- Stereo Wav files, 44.1kHz, 16 bits

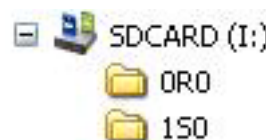
- 1 - Amplified audio output
- 2 - Audio output on line level
- 3 - Volume setting
- 4 - Luminous indicator
- 5 - Power supply socket
- 6 - Infrared sensor
- 7 - Trigger input on dry contact
- 8 - SD card connector
- 9 - S/PDIF output
- 10 - Extension connector



**Power supply**  
12V - DC

## 3 - Operating the NanoPlayer mkII

Files are organized into two folders ; folder names are composed of 3 digits:  
Folder 0 contains the files to be read on powering on and played back in loop  
Folder 1 contains the files to be read when the input contact is triggered



### Naming of the folders - composed of 3 characters

#### ● Main/Autoplay folder «0xy»

0xy : Folder 0 is the default directory, automatically read when the player is powered on

x = playback mode :

0Ry : **R** for random mode (RND) - All the files of the folder are read randomly

0Sy : **S** for sort mode, i.e. playback in a defined order (SORT) - All the files of the folder are read in a sequenced order

y = Contact input mode

0x0 : The trigger contact input play the folder «1xy» (see below)

0x1 : The trigger contact input play next file in the folder «0xy» (no need of the 1xy folder)

The 4 possibilities are : **0R0 / 0S0 / 0R1 / 0S1**

#### ● Folder «1xy» is read when the input contact is triggered with the case 0R0 or 0S0

1xy : Folder 1 has 4 playback modes when a contact is detected on the input

x = playback mode :

1Ry : **R** for random mode (RND) - All the files of the folder are read randomly

1Sy : **S** for sort mode, i.e. playback in a defined order (SORT) - All the files of the folder are read in a sequenced order

1Ny : **N** Read one file only - On each trigger input contact, the next file (and only this one) is read in random mode

1Ty : **T** Read one file only - On each trigger input contact, the next file (and only this one) is read in a defined order mode

y = trigger activation mode

1x0 : The trigger folder is launched by an impulse in **Non re-activation mode**, a new impulse has no effect

1x1 : The trigger folder is launched by an impulse in **Re-activation mode**, a new impulse stops current playback to broadcast a new file.

1x2 : The trigger folder is read as long as the input contact is activated. Playback PAUSE when the contact is released

1x3 : The trigger folder is read as long as the input contact is activated. A new contact read from the beginning.

Possibilities are : 1R0 / 1R1 / 1R2 / 1R3 / 1S0 / 1S1 / 1S2 / 1S3 / 1N0 / 1N1 / 1N2 / 1N3 / 1T0 / 1T1 / 1T2 / 1T3

### Naming of the audio files included in the folders

● In random mode, naming of files is free. Only the extension is meaningful: name.mp3 for MP3 files or name.wav for WAVE files

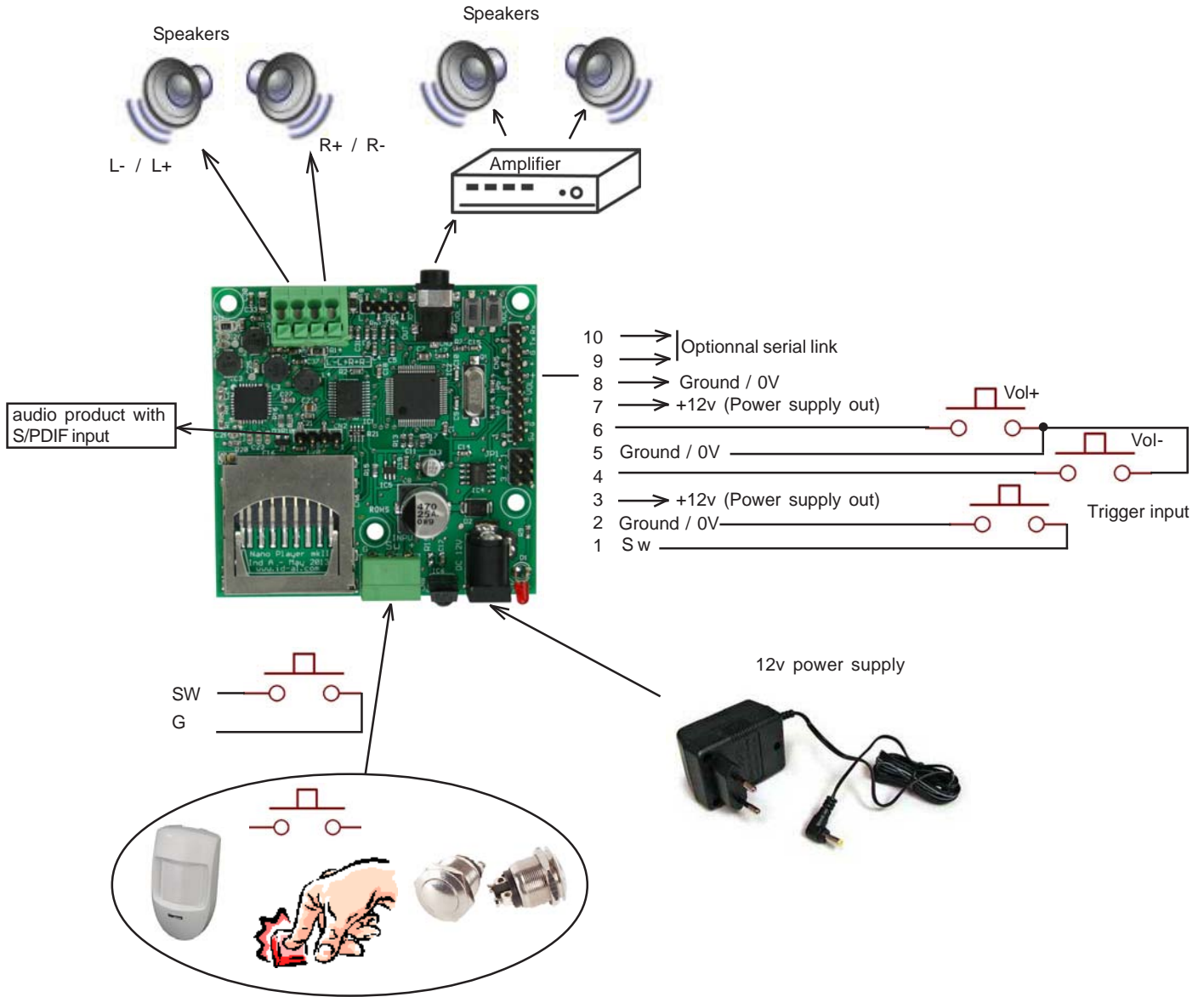
● In sequential mode, i.e. in ordered playback mode, file names must include 3 figures to define the sequence number of the file.

Example : «001.mp3» or «999.mp3» or «001.wav» or «099.wav»

Download complete manual from web site  
[www.id-al.com](http://www.id-al.com)



# NanoPlayer mkII - Quick start guide



Trigger input internal schematic

