

Use Adafruit Player with Sparkfun SFEMP Libraries:

Connect Adafruit Player to Arduino Uno pins using the Sparkfun layout (**green = same connection**):

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Adafruit → Shield	Uno – SparkfunLibs	Uno – Afafruit Libs ←	Sparkfun Shield
VCC	5v	5v	5v
GND	GND	GND	GND
SCLK	Arduino #13	Arduino #13	13
MISO	Arduino #12	Arduino #12	12
MOSI	Arduino #11	Arduino #11	10
CS	Arduino #6	Arduino #10	6 MP3-CS
RST	Arduino #8	Arduino #9	8 MP3-RST
XDCS	Arduino #7	Arduino #8	7 MP3-DCS
SDCS	Arduino #9	Arduino #4	9 SC-CS
DREQ	Arduino #2	Arduino #3	2 MP3-DREQ
RX-Midi	Arduino #3 Arduino Tx #1		3 MIDI-IN RX

Adafruit Shield with SFEMP3 Libs: GPIO1 and GPIO0 can be left unconnected or connected to GND.

Can now use the SFEMP3Shield libraries on the Adafruit.

To play Flac must put patchesf.053 in root of SD Card and change patches.053 to patchesf.053 in SFEMP3Shield.cpp.

Then use FilePlayer.ino with indexes ie.e 0005 etc to select the .fla file (not .flac).

MP3Shield_Library_Demo.ino only able to play .mp3 files else must change the code.

Sparkfun Shield with SFEMP3 Libs: Pins 5 and 4 leave unconnected