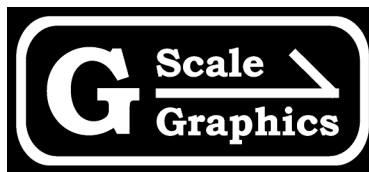
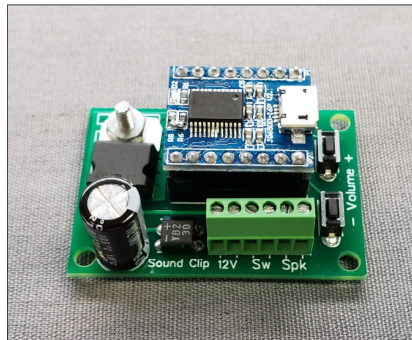


# ***Sound Clip Module***

**An MP3 Player for your Railroad**

**Operation and Installation Manual**



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## Sound Clip Modules

"Sound Clip" modules add life to your railroad via sound effects. Place in buildings, rail cars, or just hidden behind a rock (1.8"L X 1.2"W X 1.75"H). Circuit board must be protected from the weather.

Sounds can play in a continuous loop, or triggered to play only once via a switch contact. Some examples; you might have one in your sawmill playing a continuous loop of sawing sounds. Or you could have one in the station playing a station announcement when triggered by a magnet on the locomotive and a reed switch in the track. We have a [library of sounds](#) to choose from, but we can program your Sound Clip Module to use any MP3 file under 2 minutes in length.

## Input Power

### Power Terminals "12V"

7 to 25 VDC, e.g. a 9V battery or a DC power source. Or 15AC from the auxiliary output of a power pack.

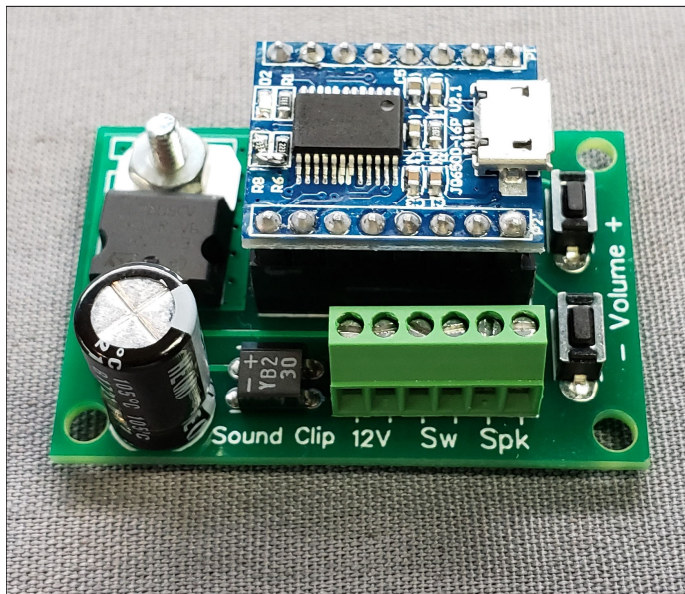


We have a 12V 2 Amp power supply available . It includes a 2.1mm Coax socket to mate with it to extend wiring as needed to one or more Sound Clip Modules.

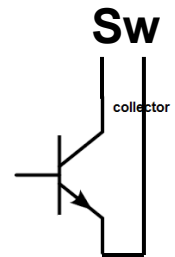
## Control

### Switch Terminals "SW"

Short these terminals for continuous play. The sound track will keep looping.



A momentary switch closure will trigger the sound track to play once. Switch can be mechanical or an open collector output from other electronics to the left side of "Sw", and common to the right side of "Sw".



The USB port is for factory programming.

## Output

### Speaker Terminals "Spk"

A built in audio amplifier is capable of driving one 8 ohm, 3 watt speaker. Press and hold volume buttons to change volume. Volume setting will be retained when powered off.