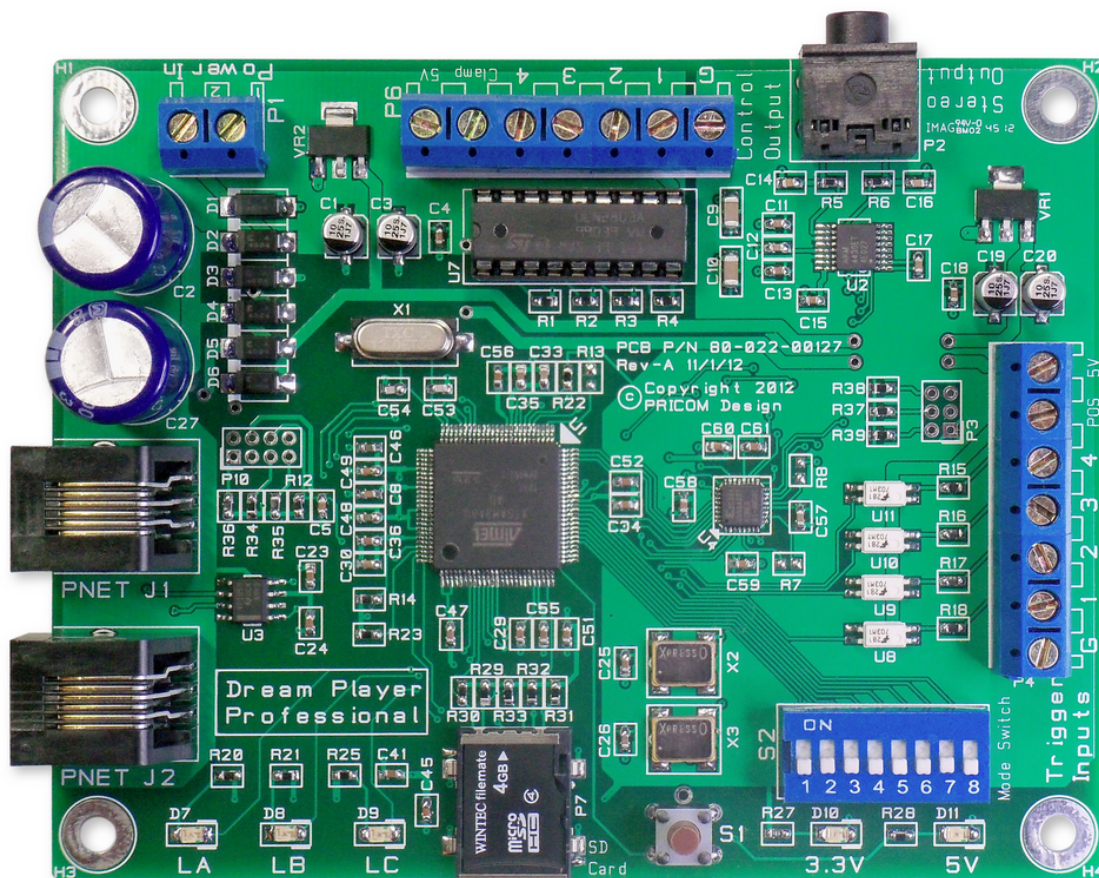# Sounds for your Layout

Have you ever wanted to expand past onboard sound? Sure a decoder inside a loco adds realism to your loco, but what about the rest of the layout? Birds singing, dogs barking, a sawmill running, men working in the shed, how about a logging operation?

These are just some of the possibilities with adding sound to your model railroad with Layout Sound. You can add an amusement park, a zoo, a city, all kinds of fun and interesting variety to your layout, and it can be done with Sound.

I found a product that can help you accomplish all this, and much more!

The product is one of a series of premium quality, solid state WAV audio players manufactured by PriCom Design www.pricom.com.

Their products cover a wide range of applications in scale and type, and allow sound control from a variety of trigger inputs that are opto-isolated and can be connected to buttons, switches, sensors, block-occupancy detectors, or even a DCC Decoder.

The product that I will select is called the Dream Player Pro. It lists for about $100 (available from John Gorman at BGMRS and is loaded with all kinds of features.

The Dream Player uses readily available micro SD Flash cards (the same as most digital cameras and mobile phones). You can even load your own sounds from a computer (WAV files) onto the SD Card, then insert the card into a Dream Player and you have your own custom sound track. No need to have the manufacturer load the sounds, or send it off to someone with a expensive fancy programmer, load the sounds yourself!

If you have a card reader for a digital camera, you are already equipped to load the Dream Player. The Dream Player has been tested with micro SD Cards ranging from 1 Megabyte up to 16 Gigabytes, which allows up to 25 hours of Stereo CD Files to be loaded onto your Dream Player using the 16GB card.

You can place four different files on the SD Card to allow more variety in your sounds and let the Trigger Inputs select the tracks.

Also included on the SD Card is a "CONFIG" file that allows you to completely customize the behavior of the Dream Player. With this file you may change the characteristics of the Player. Things such as how long a fade out can be? Should it be 5 seconds? 1 second? None at all? Would you like the sound file to play only while you hold a button? How about starting the track when the button is released and stop playing when pressed again?

These are just a handful of configurations that you may have, the beauty of it all is that you may change it at anytime and to your exact situation. If you do not have access to a computer readily available many of these features may also be set using the onboard DIP switch.

There are also four Control Outputs to allow the control of any accessory you wish. Let the Dream Player control lights, motors, crossing gates, carnival rides, cranes, you name it. Each audio track on the SD Card has its own Control Output.

That means you could have a 'Day' track with one set of lighting, and a 'Night' track with another set of lighting. The possibilities are endless; let your imagination go wild. The Dream Player was designed to be flexible so that you can be creative.

Use this Polyphonic Multi-Track Audio Player with SD card for your Home Layout, Club Layout, Display Layout, or even adding sound to Museum Displays with this audio player, plus sound effects, in Dioramas, Station Announcements, Information Booth Audio Player, and even for artwork audio sound.

Voice Announcements, Crossing Sounds, Theme Park Sounds, Zoo Sounds, Background Music, Model Railroad Layout Sound, push buttons, or any other application where you need a high-quality and stable solid-state audio player that sounds as good as a CD Player.

Perfectly portable, mount it anywhere and forget about it. Edit your own content and put WAV files on the SD FLASH card to customize the sounds. Plays most formats of WAV file directly from the SD Card. Not MP3's so there is absolutely no compromise in the Audio Quality. Plays 16-bit 44.1KHz Stereo Audio WAV files using a super high-quality Burr-Brown Digital to Analog Converter (DAC). (Tech stuff)