



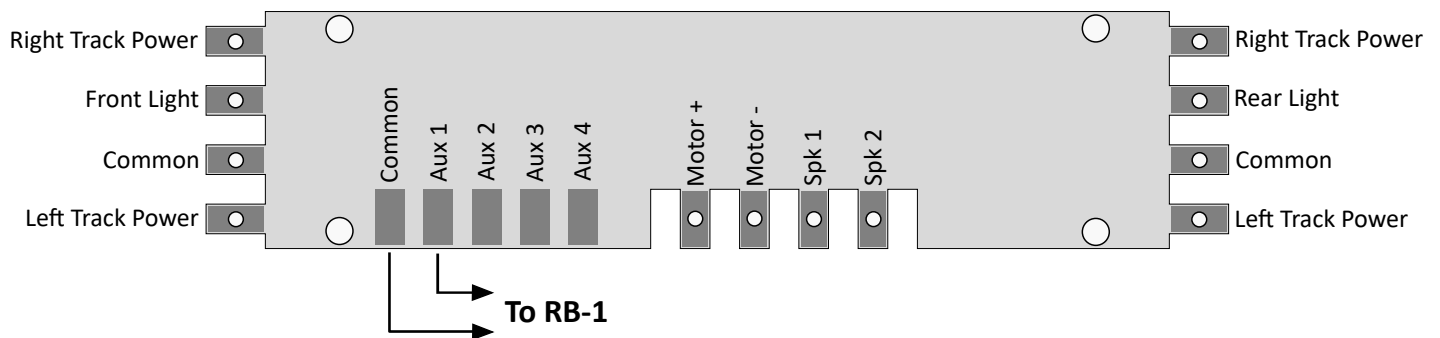
AARON HEINE Electronics RB-1 Wire Hook-Up Examples



GENERIC HARDWIRE DECODER Front - Top View



GENERIC DROP-IN DECODER Front - Top View



There are several types of decoders available on the market, including "Hard Wire," "Factory Installed," "Drop-In," and "Plug and Play" to name a few. Each type has different methods for connecting your RB-1 to the various function/AUX outputs. Be sure to consult the appropriate decoder instructions for proper wiring. The RB-1 operates within a voltage range of 9 to 14 volts DC. If your decoder's function/AUX output includes current-limiting resistors for LEDs or lamps, you **MUST** bypass them. The RB-1 requires a full 12-volt DC from the decoder to function correctly. Alternatively, you can connect the RB-1 directly to the common (+) and the function/AUX output wires or solder pads, following the diagrams above and the instructions on the Quick Start Guide: RB-1.