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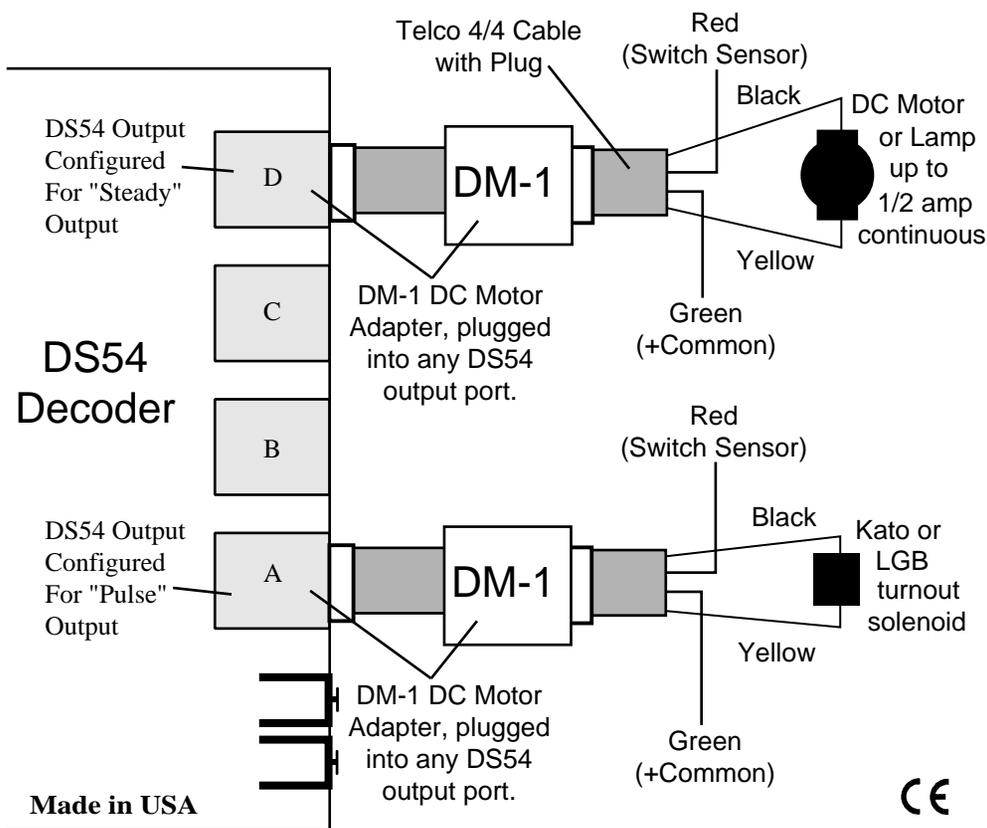
## DM-1 DC Motor Adapter (For Use with DS54) Installation Information

See **Digitrax DS54 Quad Switch Decoder Users Manual** for complete installation instructions and technical information about the use of the DS54 and related products.

**This manual is available at no charge from your dealer. If your dealer is out of these manuals, call Digitrax at (770) 441-7992 and we will gladly send you a copy.**

### DM1 DC Motor Adapter For Use with DS54

Run DC motors with current draws of up to 1/2 amp on your layout  
Designed for use with the Digitrax DS54 Quad Switch Decoder & LocoNet



The DM-1 is an in line adapter designed to modify any DS54 output to provide the bi-polar drive current needed to run reversible DC motors, solenoid switches (like Kato & LGB turnouts), lamps and other similar devices that draw up to 1/2 amp.

Just plug the DM-1 into any DS54 output and the DM-1 socket will provide a bi-polar drive rated at 500ma continuous and 1 amp surge.

**For continuous running motors and devices,** configure the DS54 output to have a "steady" output and the motor will continue running in the appropriate direction. To configure the DS54 output you want to use for your DM-1 for "steady" operation, follow the instructions in the DS54 manual for configuring slow motion turnout motors.

When the DS54 output with the DM-1 plugged in is "Closed" the motor will run in one direction. When the DS54 output with the DM-1 plugged in is "Thrown" the motor will turn in the opposite direction.

**For solenoid switch applications like the Kato and LBG switches,** configure the DS54 output you will use for your DM-1 as a "pulse" output as described in the DS54 manual under solenoid switches.

Note: The black and yellow leads must not be connected to any other power or common leads.