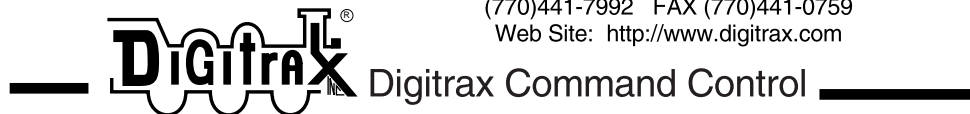


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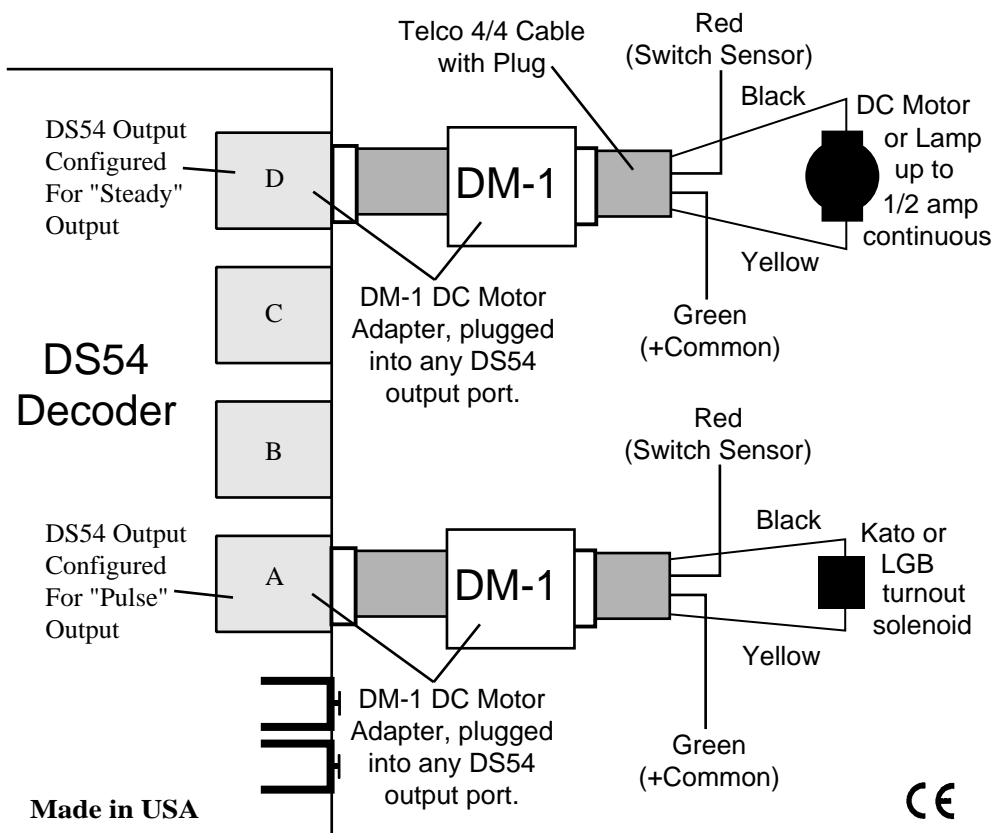
DM-1 DC Motor Adapter (For Use with DS54) Installation Information

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.