

# DM TMCC Buffer Gain Adjustment Modification

This mod allows you to adjust the output gain of the DM TMCC Buffer from around 1:1 to 3:1. The original non-adjustable gain was 3:1, that potentially causes issues in certain layouts, so this mod was developed.

1. Prepare pot as shown with 1K resistor and 4" wire leads.

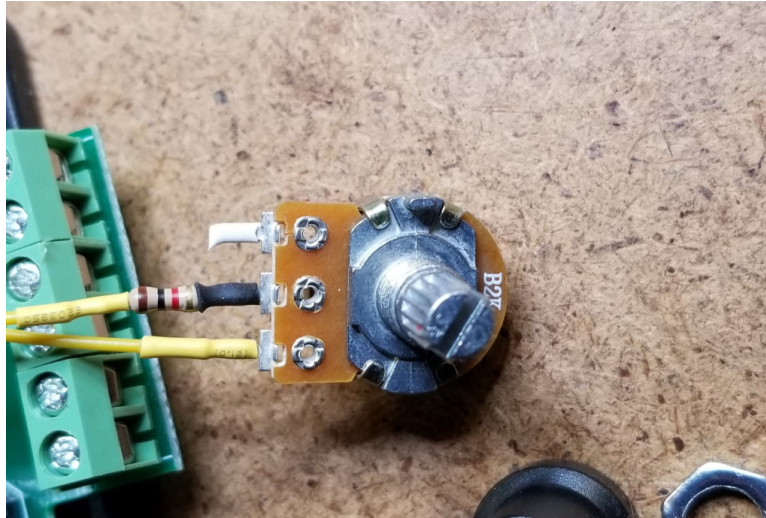


Figure 1: Pot & Resistor Detail

2. Remove resistor R5 from the board and connect the leads from the gain pot assembly in place of R5.



Figure 2: Gain Adjustment Connections to Main Board

3. Drill holes for pot mounting as indicated below, the larger hole is 5/16", the smaller one is 7/64"



**Figure 3: Pot Mount Drilling Detail**

4. Mount pot in hole with leads facing in toward the center, replace cover, and the job is done.



**Figure 4: Buffer With Completed Gain Mod Installed**