

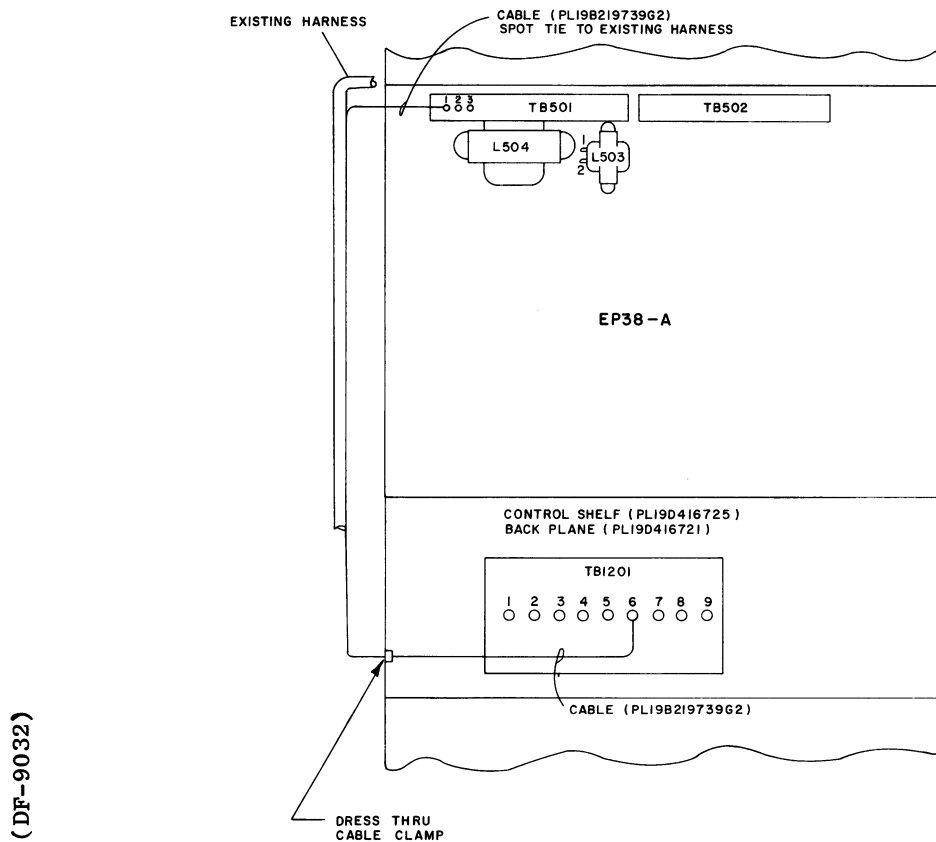
INSTALLATION INSTRUCTIONS FOR E & M SIGNALING CONTROL OPTION 7455

(For MASTR Professional Stations with DC/TONE Control)

The E&M Signaling Kit contains a 19B219739G2 cable that connects between the EP-38-A Power Supply and the Control Shelf. The Kit provides a keyed signal on the "M" lead of an E&M signaling facility. The keying system operates full duplex. Either -48 VDC (60 mA max.) or -24 VDC (10 mA max.) is available on the "M" lead.

INSTALLATION

1. On the EP-38-A Power Supply, cut the #18 White wire, which connects between TB501-1 and Q503-Emitter, at a point that will permit a connection to be made between TB501-1 and L503-2. Sleeve and tie back into the harness the other end of the white wire connected to Q503-Emitter. This change applies -45 Volts to TB501-1.
2. Install the 19B219739G2 cable between the EP-38-A Power Supply and the Control Shelf as shown in Figure 1.
3. For two wire or four wire Field Connections, refer to Figure 2.



(19C320386, Rev. 3)

Figure 1 - E & M Signaling Kit Installation

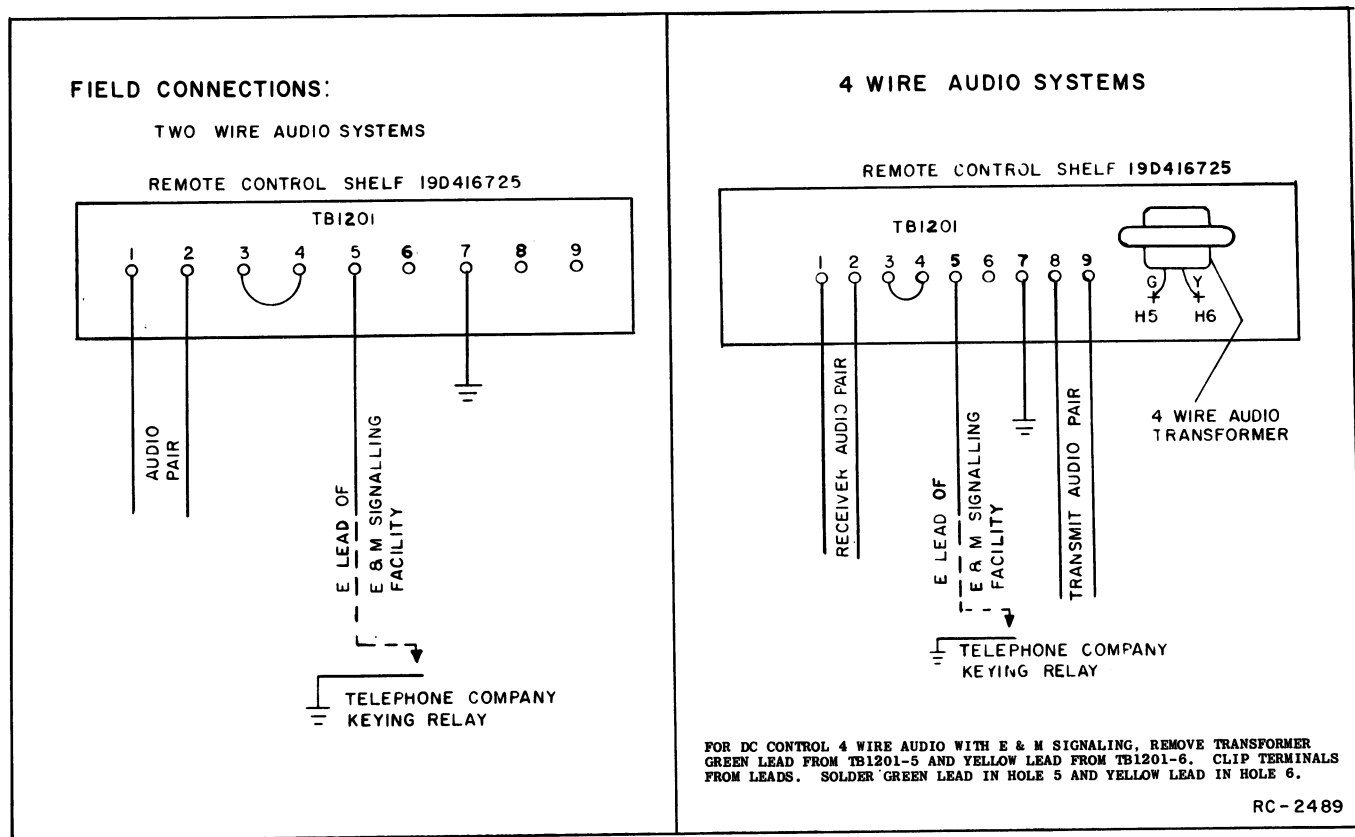


Figure 2 - Two Wire And Four Wire Field Connections

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