

283-11.1

MI-1269 FILTER PANEL
MI-1266 LOW PASS FILTER
(For PG-92 and PG-93 ONLY)

The new cellular horn and associated loudspeaker mechanisms used with the present de luxe equipments are highly efficient in reproducing frequencies up to approximately 10,000 cycles. Because of this, background noise below 10,000 cycles, caused by poor recording or film defects, may be objectionable. The MI-1266 Low Pass Filter has been designed to cut off at either 5300, 5700, 6500 or 7100 cycles to eliminate those higher frequencies that contain the "hash" or background noise. The MI-1266 Low Pass Filter, with an RT-466 Voice Frequency Filter, becomes an MI-1269 Filter Panel. The RT-466 can be resonated at approximately 125, 175, or 250 cycles, and can be shorted out by making the connection between terminals 5 and "Out." Note that two links are mounted on the common terminal No. 5. Be sure that the instructions in Figure 1 are followed closely. The amount of attenuation at the resonant frequency can be increased by increasing the resistance of R-1, or by removing R-1. To decrease the amount of attenuation, reduce the resistance of R-1.

Figure 1 is a wiring diagram of the MI-1269 Filter Panel. Note that when the MI-1266 Low Pass Filter only is used, the power amplifier input connections must be made to terminals 2 and 3 on the filter panel instead of to terminals 3 and 5 as shown in Figure 1.

All terminals, on both the MI-1266 and the RT-466 Voice Frequency Filters, are marked to indicate the frequency at which the filter will resonate when the links are connected to them. Refer to Photophone Data No. 62, Figure 2, for external wiring to the MI-1269. The 175 cycle terminal should be marked 175-125, and not 175-185 as in this figure.

The panel is 7 inches high and should be mounted on the rear channel flanges of the PG-92 Amplifier Rack. Access to the filter can be had only by removing a blank panel on the front of the amplifier rack.

This filter has been designed for use with Types PG-92 and PG-93 equipments and is connected in the link circuit between voltage and power amplifiers. This filter should not be used on Types PG-90 and PG-91 equipments.

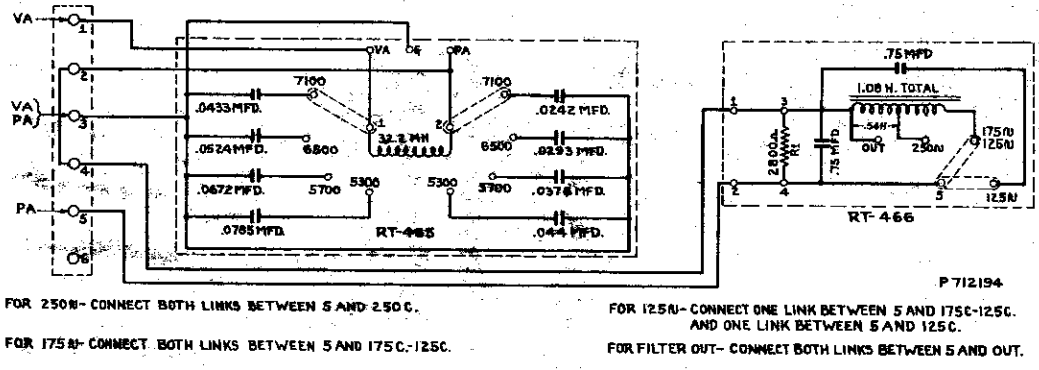
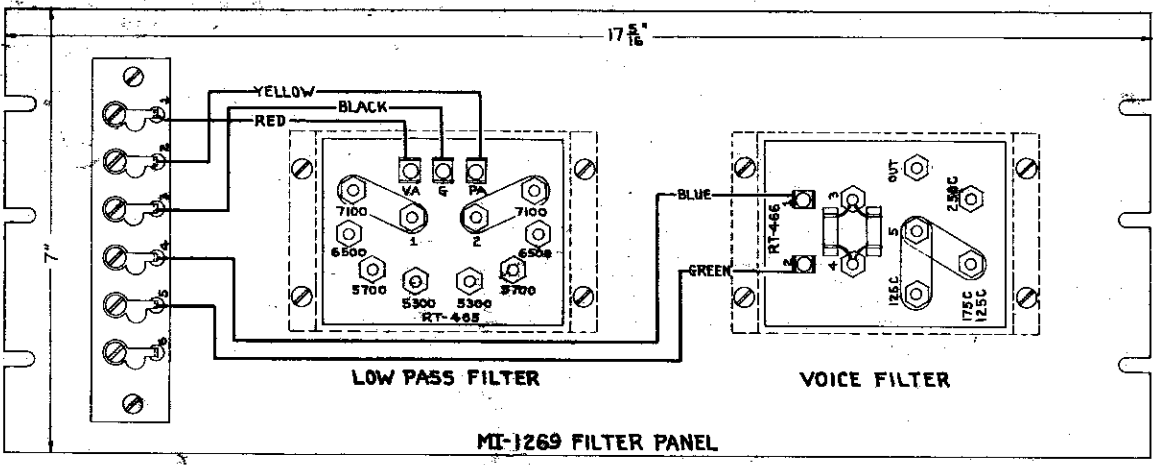


Figure 1 - Wiring Diagram - MI-1269 Filter Panel

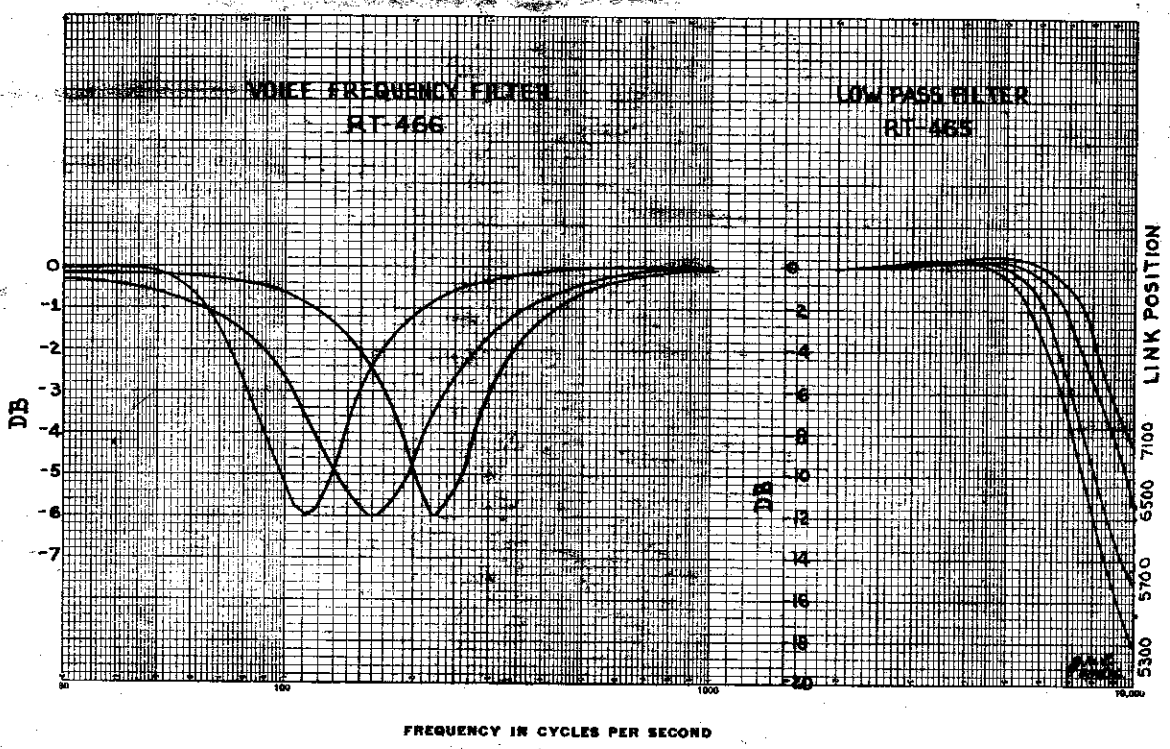


Figure 2 - MI-1269 Characteristics