

INSTALLATION INSTRUCTIONS  
 Kit 219B, Part Number 141186  
 Motor Driven Remote Loudness and Cancel Control

1 - 137271	Mounting Plate and Wire Assembly
1 - 138962	Control Case Assembly
1 - 138913	Mounting Plate
1 - 137294	Coupling and Pin Assembly
1 - 138976	Guard, Loudness Control
2 - 76810-1	"U" Clip
1 - 73804-4	Cable Clamp
2 - 73592-7	Screw, 6 x 3/8, RD. Type Z
1 - 73503-76	Screw, 6-32 x 1 1/4, RD.
1 - 73503-78	Screw, 6-32 x 1 3/4, RD.
1 - 74443-8	Screw, 6 x 1/2, TRUSS Z

To install Kit 219B in Phonographs equipped with Cable, Terminal and Plug Assembly, Part No. 140919 (Accessory Terminal Panel to Kit 219B), proceed as follows:

1. Disconnect red receptacle from A.C. INPUT plug shown in Figure 1.
2. Remove four screws securing Cover and Silk Screen Assembly to Amplifier (located at lower left corner of Amplifier). Retain screws for reuse.
3. Position MOUNTING PLATE and WIRE ASSEMBLY as shown in Figure 1.
4. Start two of the screws, removed in Step 2, in the top holes of the MOUNTING PLATE and WIRE ASSEMBLY.
5. Loosen the two THUMB SCREWS shown in Figure 1. Swing Amplifier to the down position.
6. Connect MOLEX RECEPTACLE as shown in Figure 2.

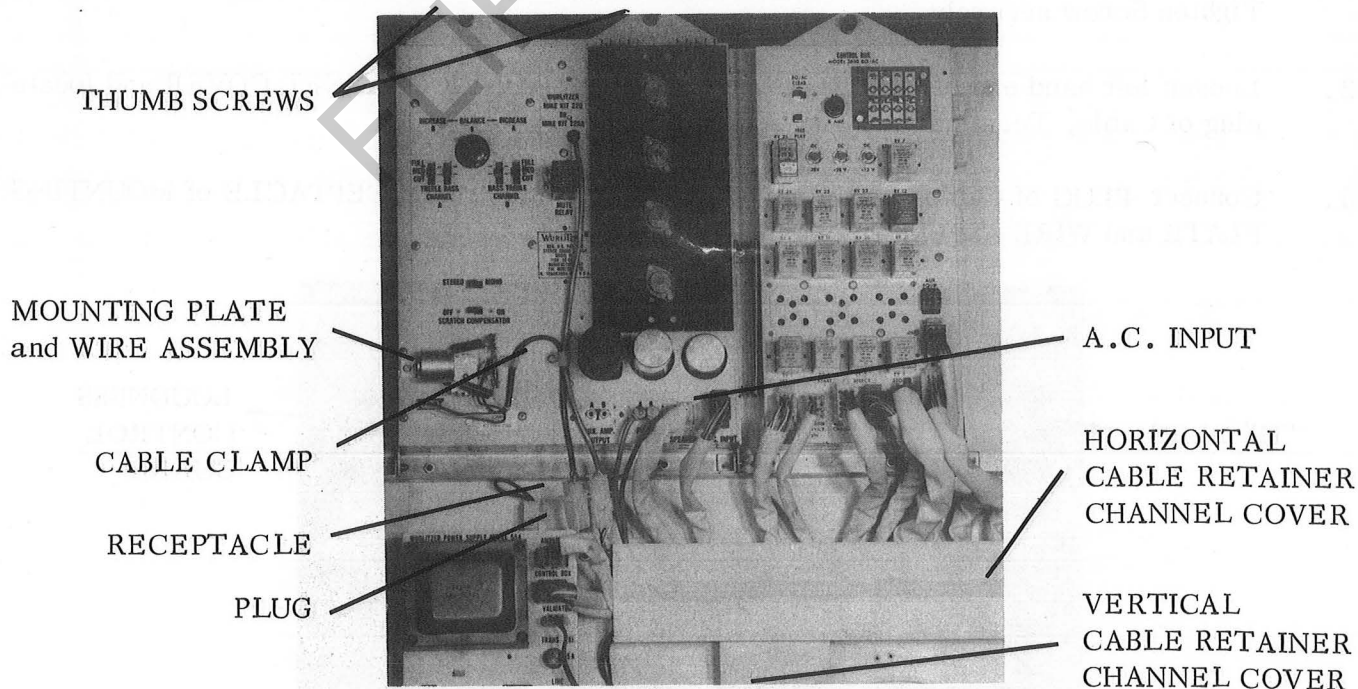


Figure 1.

7. Install COUPLING and PIN ASSEMBLY between slotted shaft of the LOUDNESS CONTROL and slotted shaft of MOUNTING PLATE and WIRE ASSEMBLY as shown in Figure 2. Turn LOUDNESS CONTROL KEY as necessary to provide proper alignment. Remove LOUDNESS CONTROL KEY.
8. Install remaining two screws, removed in Step 2, in bottom holes of MOUNTING PLATE and WIRE ASSEMBLY. Tighten all four screws.
9. Position LOUDNESS CONTROL GUARD, Part No. 138976, as shown in Figure 3, and secure to Amplifier with two "U" CLIPS, Part No. 76810-1, as shown in Figure 3.
10. Return the Amplifier to vertical position and tighten THUMB SCREWS as shown in Figure 1.

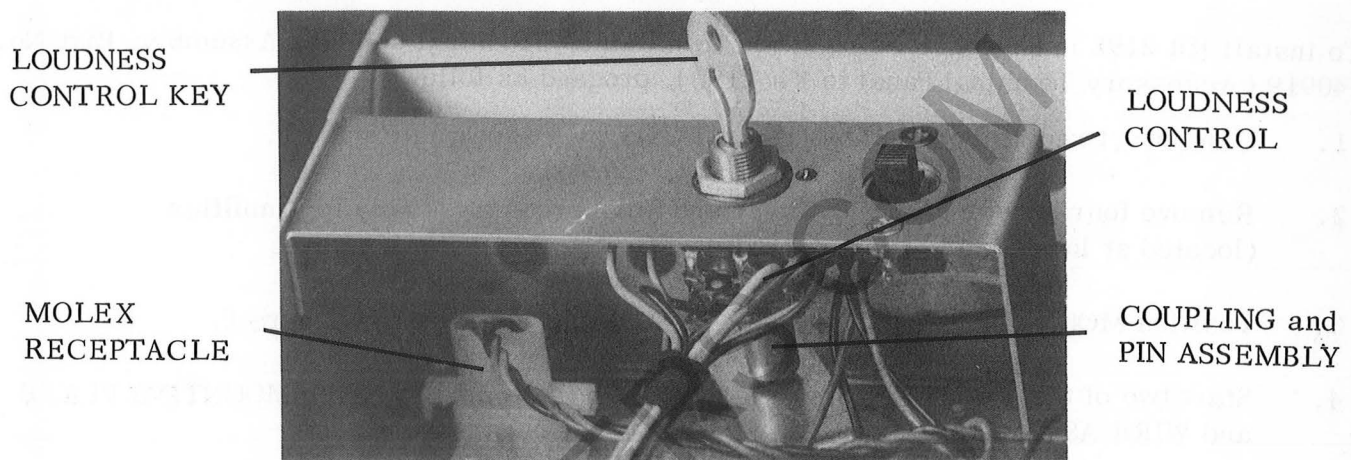


Figure 2.

11. Install CABLE CLAMP; Part No. 73804-4, on cable of MOUNTING PLATE and WIRE ASSEMBLY and secure to Amplifier with Screw, Part No. 74443-8, as shown in Figure 1. Tighten Screw securely.
12. Loosen left hand end of HORIZONTAL CABLE RETAINER CHANNEL COVER and locate plug of Cable, Terminal and Plug Assembly.
13. Connect PLUG of Cable, Terminal and plug Assembly to RECEPTACLE of MOUNTING PLATE and WIRE ASSEMBLY as shown in Figure 1.

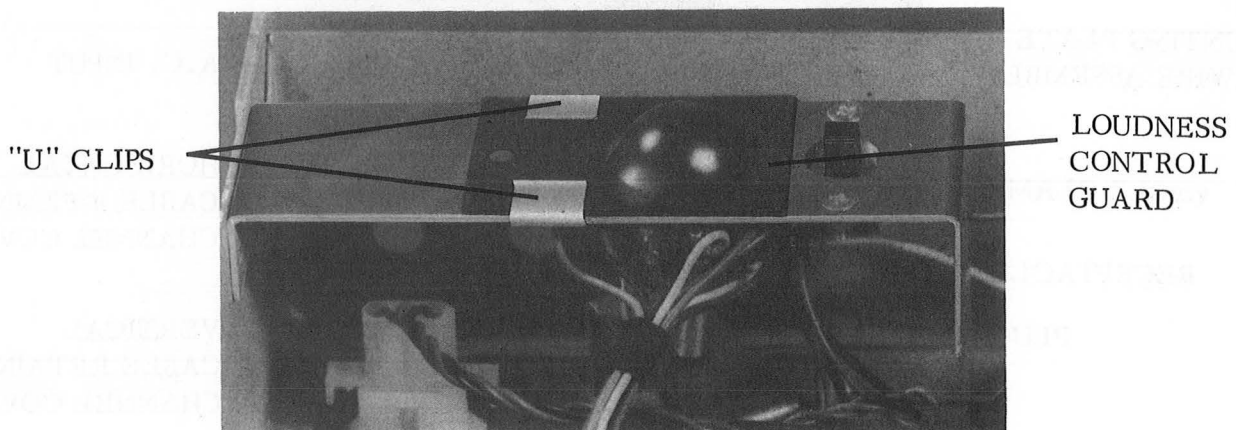


Figure 3.

14. Secure left hand end of HORIZONTAL CABLE RETAINER CHANNEL COVER as shown in Figure 1.
15. Install unshielded, five conductor cable, 22 A.W.G. size or larger, from Phonograph to desired remote control station by the shortest and most practicable route. It should be adequately protected from damage wherever it passes through walls or floors and stapled every 18" and at all corners. Allow enough slack at Phonograph to permit easy access for servicing and cleaning.
16. Connect the five conductors of the cable installed in Step 15 to CABLE, TERMINAL and PLUG ASSEMBLY TERMINAL STRIP shown in Figure 4, using any convenient color code.
17. Connect Control Case end of five conductor cable to the TERMINAL BOARD of the CONTROL CASE ASSEMBLY using the same color code employed in Step 16.
18. Position and secure MOUNTING PLATE, Part No. 137271, at control station location with two Screws, Part No. 73592-7.
19. Position and secure CONTROL CASE ASSEMBLY to MOUNTING PLATE, at control station location, using two Screws, Part No. 73503-76 and 73503-78.
20. Connect red receptacle, removed in Step 1, to A.C. INPUT plug as shown in Figure 1.
21. Check the installation for proper operation.

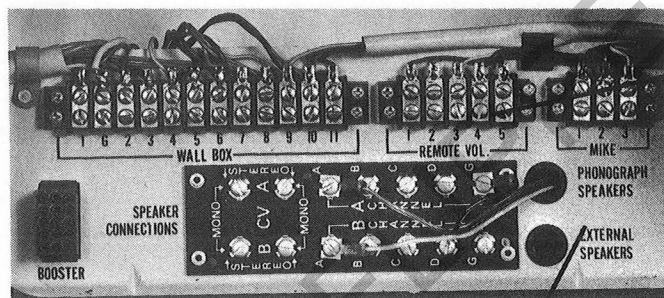


Figure 4.

ACCESSORY  
TERMINAL  
PANEL

CABLE,  
TERMINAL  
and  
PLUG ASSEMBLY  
TERMINAL STRIP

TERMINAL  
BOARD

CONTROL CASE  
ASSEMBLY

MOUNTING PLATE

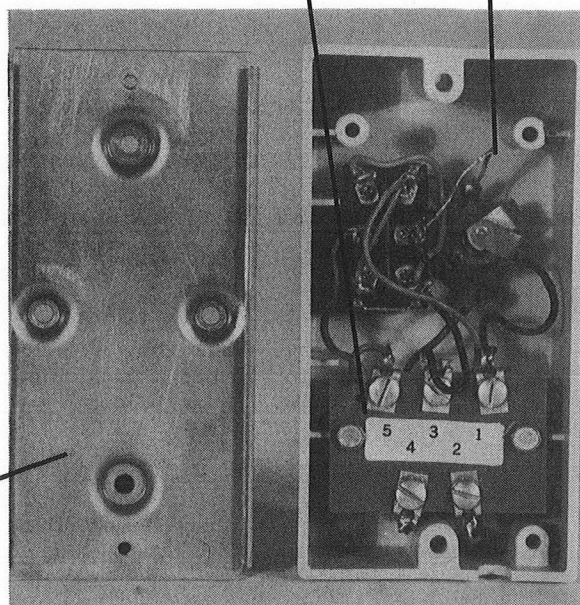
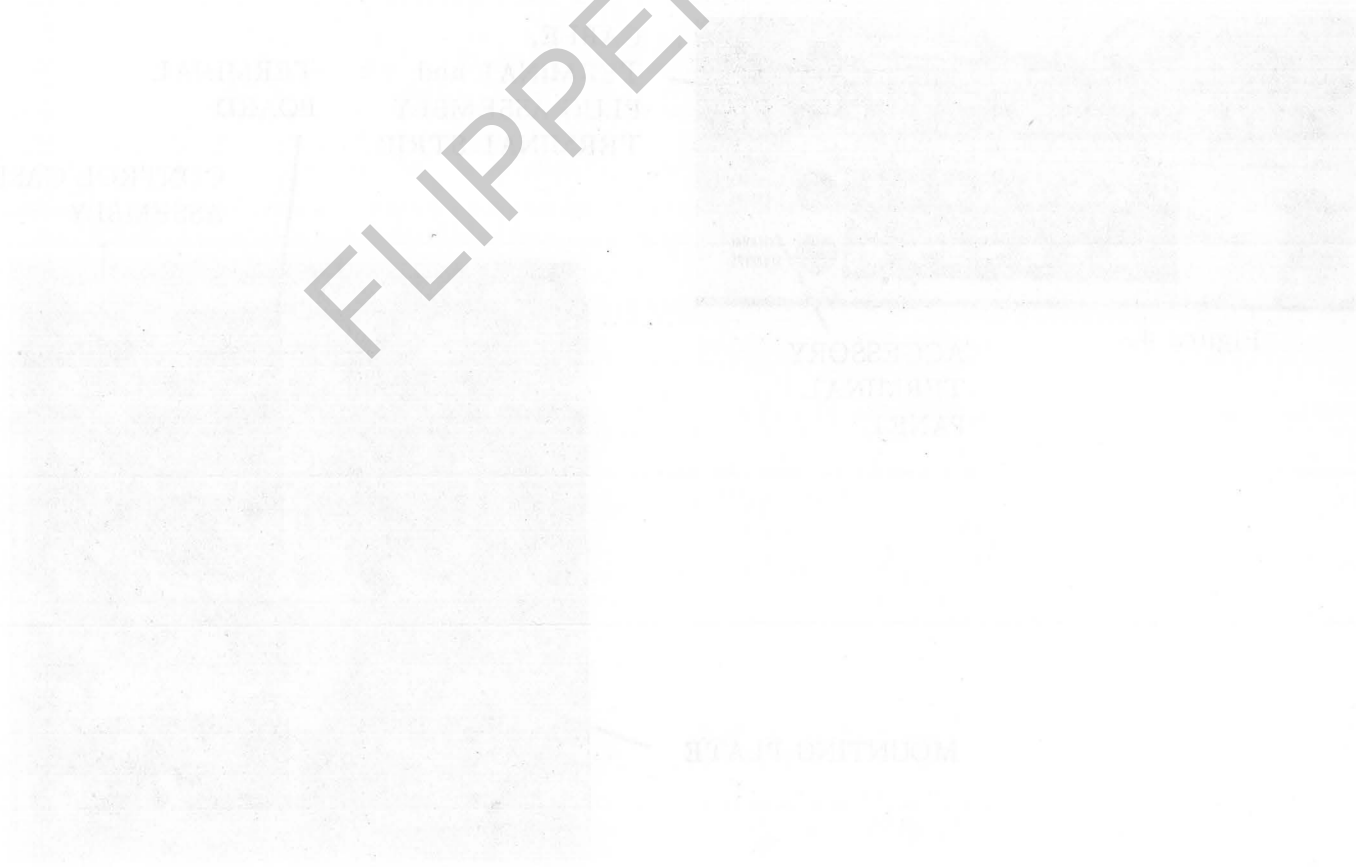


Figure 5.

12. ...
13. ...
14. ...
15. ...
16. ...
17. ...
18. ...
19. ...
20. ...
21. ...

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MOUNTING PLATE