UNIVERSITY® SOUND
ALTEC SOUND PRODUCTS DIVISION

COMMERCIAL SOUND

UPD REMOTE CONTROL ACCESSORY INSTALLATION INSTRUCTIONS

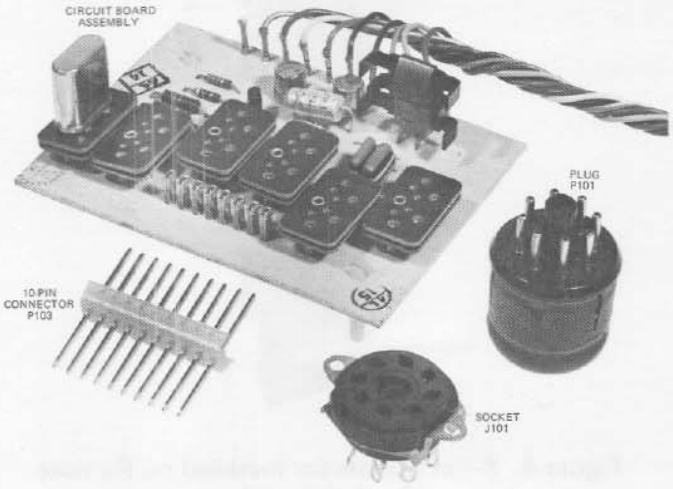

Figure 1. UPD Remote Control Accessory

The Remote Control Accessory permits any combination of the six inputs of the UPD amplifier to be controlled remotely from the amplifier. Control may be adjustment of the input channel level with a potentiometer or switching the channel on or off.

The controlling element of the accessory is a light-dependent resistor (LDR), which attenuates the channel signal via a remote control. One LDR is supplied with the accessory for remote control of one channel. **If remote control of more than one input channel is desired, the appropriate number of LDR units must be ordered separately**. Five plug-in LDR units must be ordered to control all six input channels.

The Remote Control Accessory consists of a printed circuit board and an octal socket that provides control connections to the selected input channels. Control switches or potentiometers at the remote location must be wired to the octal socket. The Model RCB-2 Remote Volume Control Box Accessory (Figure 2) may be ordered to control two channels; three of these accessories may be used to control all six channels of the UPD amplifier. Individual channel control potentiometers (5K ohms, 2 watts) may be ordered as Part No. 47-06-117296. Refer to Step 7 for remote connections to plug P101.

Components of Remote Control Accessory

1 ea.	Prewired plug-in circuit board assembly
1 ea.	Light-dependent resistor (LDR)
1 ea.	10-pin connector
1 set	Mounting hardware

Tools Required

#1 phillips screwdriver
60-watt soldering iron

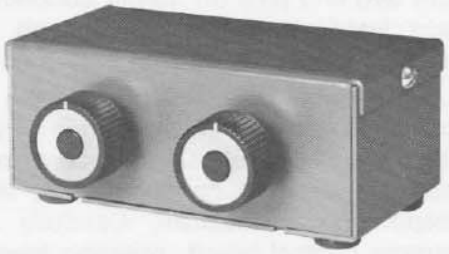

Figure 2. Model RCB-2

Installation Procedure

NOTICE

THE UPD REMOTE CONTROL ACCESSORY MUST BE INSTALLED BY A QUALIFIED SERVICE TECHNICIAN.

1. Remove four 8-32 phillips screws securing each side of cover to UPD amplifier. Lift off cover.
2. Plug in LDR on component side of remote control circuit board assembly. Select position according to channel to be controlled (see Figure 3).

NOTE

If more than one channel is to be controlled, additional LDR's must be ordered.

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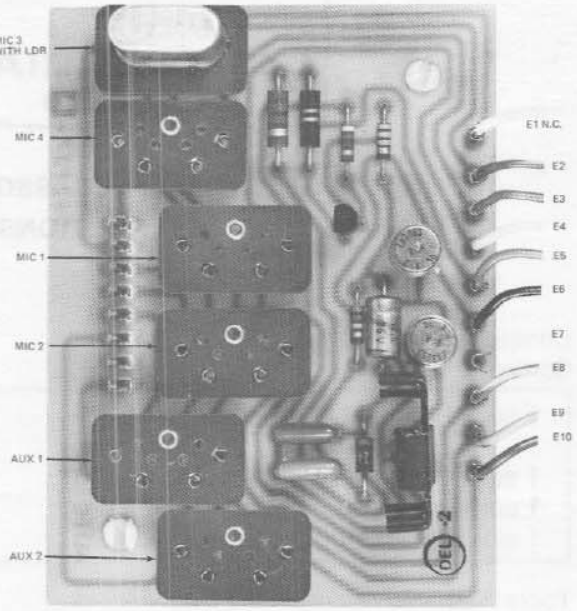

Figure 3. LDR Locations for Control of Corresponding Channels

3. Cut two end pins off 10-pin connector P103 and install connector on circuit side of remote control board (see Figure 4).

4. Locate connector positions where remote control board is to be installed in UPD amplifier (see Figure 5). Orient board in proper position, aligning connector pins with corresponding connectors. Carefully plug in remote control board, pressing inward with a rocking motion until two nylon fasteners snap into place.

5. Press out plug from REMOTE ACC connector location on rear panel of UPD amplifier. Install prewired octal socket of accessory, using hardware supplied (install nuts inside chassis, see Figure 6).

6.

E1	N.C.		E7	J101-7&8(strap)	
E2	vio/wh	J101-3	E8	gr/wh	J101-2
E3	blue	J101-4	E9	or	J101-5
E4	yel	J101-1	E10	vio	J101-6
E5	red	C101-B	(See Figure 5.)		
E6	blk	C101 (–)			

7. Identify pin numbers of REMOTE ACC socket for control of respective channels:
   Pin 1 . . . . MIC 1 channel control
   Pin 2 . . . . MIC 2 channel control
   Pin 3 . . . . MIC 3 channel control
   Pin 4 . . . . MIC 4 channel control
   Pin 5 . . . . AUX 1 channel control
   Pin 6 . . . . AUX 2 channel control
   Pin 7 . . . . Ground
   Pin 8 . . . . Ground (Strap on J101.)
   Run control wires from pin 7 or 8 (gnd) and appropriate channel connection to switch(es) or control potentiometer(s) at location where remote control is to take place.

8. Install cover on UPD amplifier, using screws previously removed (Step 1). Tighten screws securely.

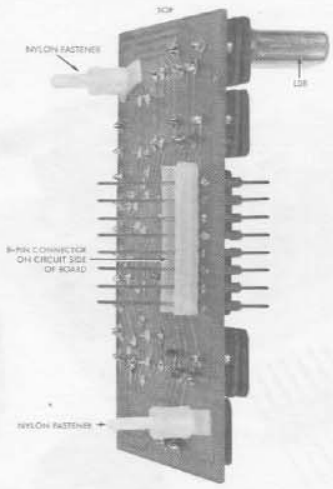

Figure 4. 8-Pin Connector Installed on Remote Control Board

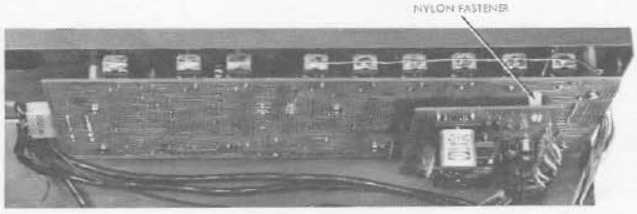

Figure 5. Remote Control Circuit Board Installed in UPD Amplifier

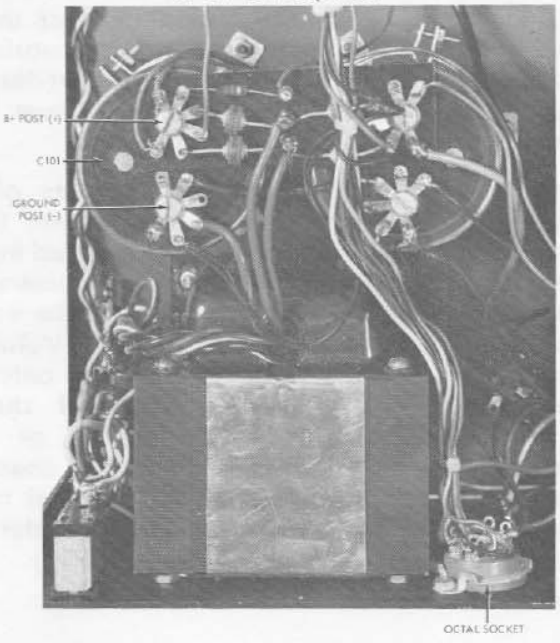

Figure 6. Installation of Remote Control Socket and Wiring Connections (UPD120T shown is typical for all UPD amplifiers)