



Kit# KOV-106-000-07
ModBox™ IR REMOTE CONTROL KIT

INTRODUCTION:

This kit adds IR Volume and Cancel Control to ModBox Jukeboxes.

TOOLS REQUIRED:

1/4" nut driver, Philips Screwdriver, 4 - 'AAA' Batteries

PARTS SUPPLIED IN THIS KIT:

Item	Part No.	Description	Qty.
1	40933101	IR Volume Control	1
2	34064902	Mounting Plate	1
3	22145609	Volume Control Harness Assy.	1
4	34037902	Modular Cable Assy. (2 Ft.)	1
5	21958305	IR Transmitter (DL 2-Ch)	1
6	22136502	Modular Cable Assy. (6 Ft.)	1
7	34037905	Modular Cable Assy. (15 Ft.)	1
8	40846302	Infra Red Receiver Assy.	1
	70800101	Wire Ties (Not Shown)	3
		#8-32 x 1/4 Hex Hd Screws (Not Shown)	2
		#8-32 x 3/8 Philips Screws (Not Shown)	2
		#8-32 Nuts (Not Shown)	2
		These Instructions	1

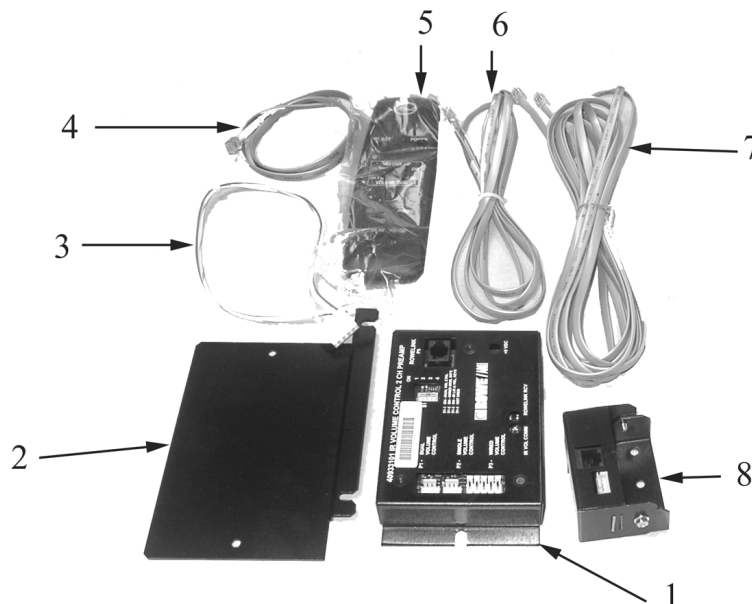


FIGURE 1

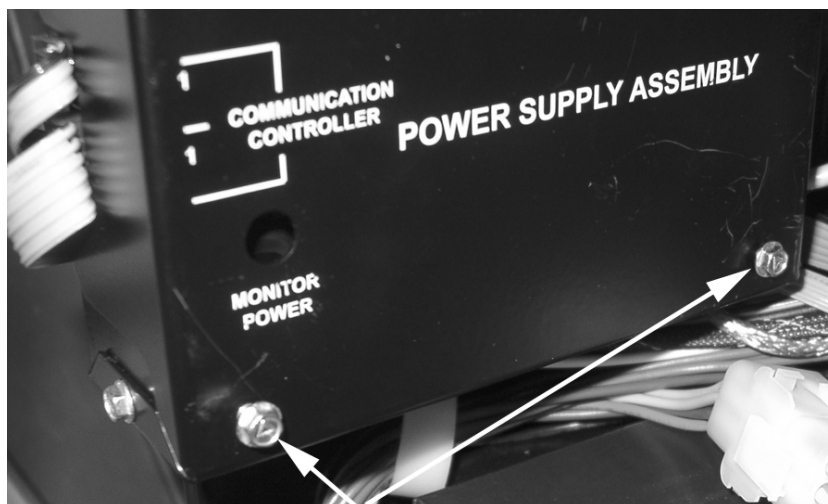
STEP-BY-STEP INSTRUCTIONS:

1. Turn jukebox off and unplug power cord.
2. Assemble the IR Volume Control (Item 1) to the Mounting Plate (Item 2) using the two Hex Head screws as shown in Figure 2.



Figure 2

3. Loosen the 2 lower screws on the cover of the Power Supply Assembly as shown in Figure 3, and slide the IR Volume Control under these screws. Tighten the screws to secure the assembly in place.



Loosen these 2 screws

Figure 3

4. Mount the IR Receiver which will receive signals from the remote control. You may either place the receiver in the jukebox on the door, or outside and above the jukebox. You need a clear line of sight between this receiver and the handheld transmitter.

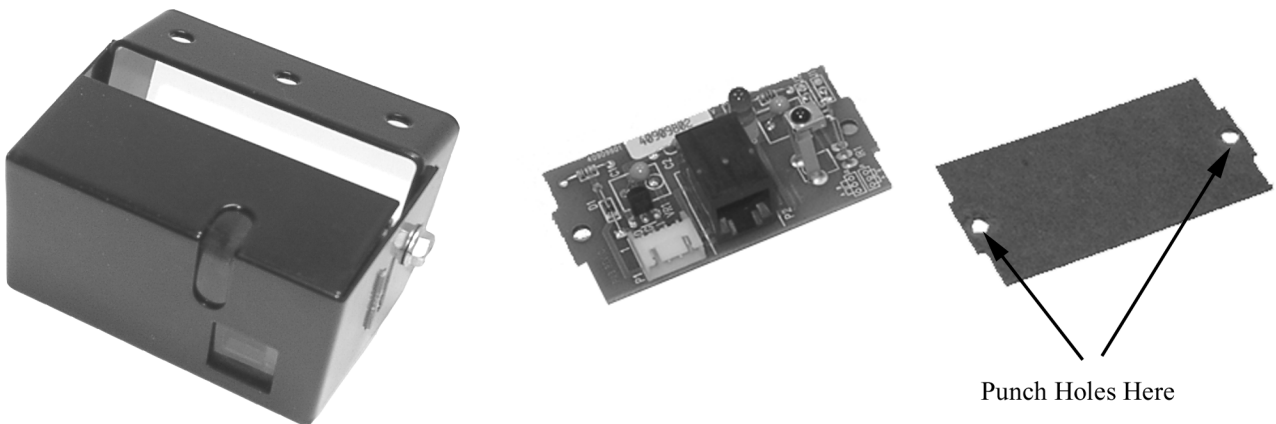
If placing the IR Receiver outside of the jukebox:

Plug one end of the 15' Modular Cable (Item 7) into P11 on the Communication Controller. Route the cable down and out the access hole located on the back wall of the jukebox.

Plug the other end of the cable, now outside the jukebox, into the IR Receiver (Item 8). Mount the IR Receiver on the wall or ceiling near the jukebox.

If placing the IR Receiver inside the jukebox:

Disassemble the IR Receiver (Item 8) and remove the circuit board and fishpaper insulator as shown in Figure 4. Punch 2 holes in the fishpaper in alignment with the holes in the circuit board.



IR Receiver to be
Disassembled

Figure 4

Remove the white Glass Retainer bracket behind the ModBox logo glass at the top of the door. (Be careful to prevent the glass from falling out.) Mount the circuit board, with fishpaper beneath, to the bracket using the two Philips Head screws as shown in Figure 5.

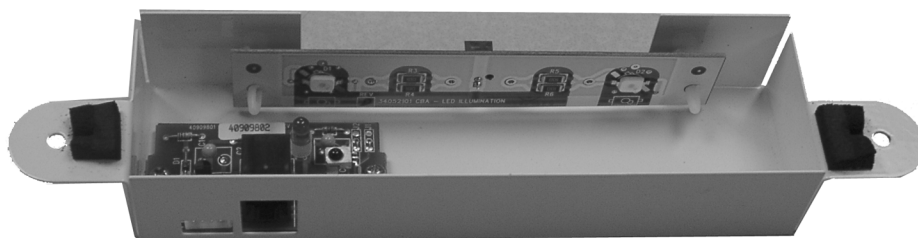


Figure 5

Replace the 'ModBox' logo glass and the retainer bracket. Refer to Figure 6 for orientation.

Insert one end of the 6 ft. modular cable (Item 6) into the connector on the IR receiver board. Route the remainder of the cable down the left side of the Monitor, then across in front of the bill acceptor as shown in Figure 6.

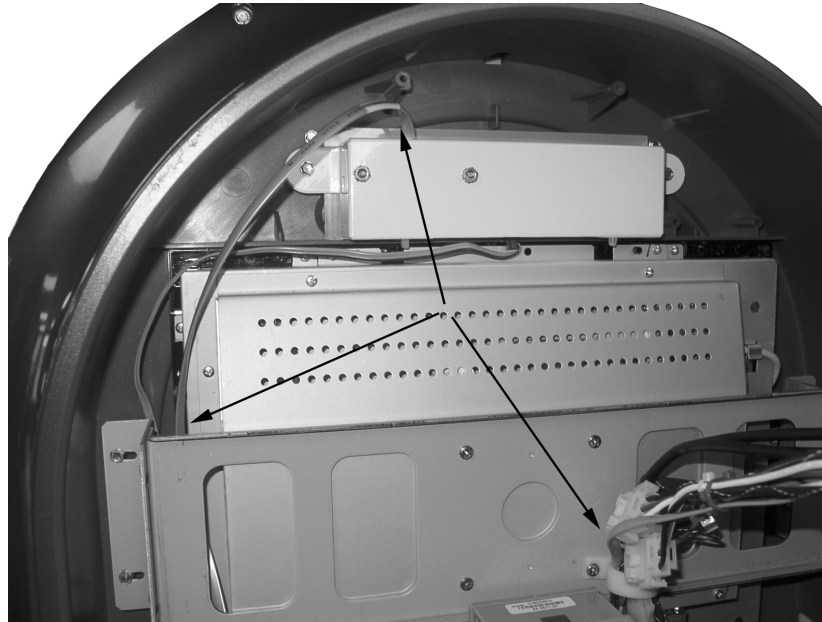
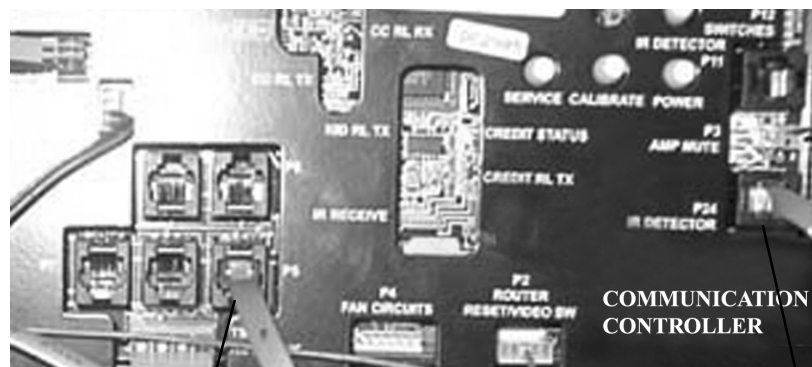


Figure 6

Continue routing the cable along with the other harnesses into the cabinet towards the Communication Controller. Be sure that the cable doesn't interfere with door operation - use the wire ties as needed to dress the cable. Plug the connector into P11 on the Communication Controller as shown in Figure 7.

6. Locate the 34037902 (2 ft.) Modular Cable (Item 4). Plug one end into the modular jack (P5) on the IR Volume Control Board as shown in Figure 8. Route the cable up the side and over to the Communication Controller and plug it into any open connector P5 - P9 as shown in Figure 7.



From P5 of IR Volume Control

Figure 7

From IR Receiver

5. Release the Communication Controller and swing it down to expose the preamplifier. Locate the volume control wire harness that is connected to the volume control header on the Preamplifier. Unplug that harness and reroute it left to the IR Volume Control installed in step 2, plugging it into P3 (“wired volume control”). The white/violet wire is to be at the top pin of P3 and the violet wire at the lowest pin.

If the wired volume control is a single volume control (one volume control adjusts both left and right channels): Plug the larger connector of the Volume Control Harness (Item 3) into the volume control header on the Preamplifier - the violet wire is to be in Pin 1 - and the other end of the harness into P2 of the IR Volume Control as shown in Figure 8. Set all 4 dip switches on the IR Volume Control to OFF.

If the wired volume control is a dual volume control (one volume control adjusts left channel, and another volume control adjusts right channel): Plug the larger connector of the Volume Control Harness (Item 3) into the volume control header on the Preamplifier - the violet wire is to be in Pin 1 - and the other end of the harness into the P1 of the IR Volume Control as shown in Figure 8. Set dip switch #1 to ON and all other switches to OFF.



Figure 8

CONTROLLING THE VOLUME:

Remove the Transmitter from its protective bag and install 4 'AAA' Batteries.

Volume can be controlled by the IR Transmitter (Item 5) and a single or dual wired (or two single wired) remote control.

If a wired control is used to adjust the volume after it has been changed with the IR Transmitter, move the wired control up or down until the volume starts to change, then move it to your desired volume.

ON THE IR VOLUME CONTROL BOARD:

The RCV LED should flash continuously at approximately 20 CPS.

The IR VOL COMM led will flash when a CH1 or CH2 key is pushed.

KEYS ON THE IR TRANSMITTER

See the following for **IR Remote Setup**:

See the Jukebox Operations and Setup Screens manual - the section on **IR Remote Setup** applies.

CH1 and CH2, volume UP keys raise the volume.

CH1 and CH2, volume DOWN keys lower the volume.

POWER key turns lights and monitor ON/OFF. When lights are off, the jukebox is in "Sleep" mode. The amplifier remains available for paging if you've installed the Paging Kit.

Pressing **POWER** again turns the lights and monitor back on and will cause the jukebox to resume normal operation. If a selection was playing when sleep mode was entered it will resume where it left off. Also, any selections left in the queue when sleep mode was entered will play in the normal sequence.

REJECT key is used to cancel (or "Reject") the selection currently playing.

Refer to the Jukebox Operations and Setup Screens manual - the section on IR Remote Setup shows the screen used to enable or disable the REJECT and/or REJECT ALL feature.

None of the other keys on the Remote are used.