

Installation Instructions

IR VOLUME CONTROL WITH 2CH PREAMP KIT# 22167906

FOR CD100, 100A, 100B, 100C, 100D, 100E, ENCORE & WP100 WALL PHONOS WITH JUMP™ KITS INSTALLED

This kit consists of sections A and B. Section A adds IR volume control to CD100, CD100A, CD100B, CD100C, CD100D, CD100E AND ENCORE Jukeboxes with JUMP Kits. Section B adds IR volume control to WP100 Wall Phono Jukeboxes with JUMP Kits.

Tools required: ¼ nut driver

Parts included in this kit:

Part Number	Description	QTY
22145607	Harness - Volume/IR 2 CH	1
22136502	Cable Assembly - Modular (6 Feet)	1
40933101	IR Volume Control 2CH Pre-amplifier	1
86663610	#8 x 5/8 Wood Screw	3
40846302	IR Receiver Assembly	1
34037905	Cable Assembly - Modular (15 Feet)	1
21958305	Transmitter - IR (DL 2-CH)	1
	These Instructions	1

Section A

CD100, A, B, C, D, E, ENCORE

Steps:

Note: For section A use figures 1, 2, 3 or 4 as appropriate for your application.

1. Attach the 40933101 Volume Control board to the cabinet floor next to the amplifier, using the two 86663610 screws.
2. CD100, 100A, 100B, 100E, ENCORE: Plug one end of 22136502 cable into P5 of 40933101 Volume Control. Route the cable thru the cable clamps and up to the Rowelink Controller and plug the other end into any Rowelink jack P5-P9 on the Rowelink Controller.
3. CD100C, 100D: Plug one end of 22136502 cable into P5 of 40933101 Volume Control. Route the 22136502 cable thru the amplifier compartment and up thru the output Transformer package to any Rowelink jack P5-P9 on the Rowelink Controller.



4. Plug one end of the 34037905 cable into the P24 IR Detector jack of the Rowelink Controller and route the cable out the access hole. Plug the other end into the 40846302 IR Receiver Assembly and then mount the receiver outside and above the jukebox.
5. Remove the Volume Control harness plug from the Preamplifier and plug it into P3 of 40933101 IR Volume Control.
6. **If the wired volume control is a single-volume control**, plug one end of 22145607 Harness into P2 of 40933101 IR Volume Control and the other end into the Volume Control header of the Preamplifier, with the violet wire to Pin 1. Set all S1 Dip switches on the IR Volume Control to OFF.

If the wired volume control is a dual-volume control, plug one end of 22145607 Harness into P1 of 40933101 IR Volume Control and other end into Volume Control header of Pre-amplifier, with the violet wire to Pin 1. On the IR Volume Control, set S1-1 DIP switch to ON, and the others OFF.

CONTROLLING the VOLUME

Volume can be controlled by a 21958305 IR Remote Control, and a single or dual wired remote control.

When the wired volume control is moved, the volume will quickly fade up or down to match its position. When moving a wired remote control, it is best to quickly turn the volume down then turn it up to the desired volume. This will eliminate a sudden loud blast if the volume was set at or close to full volume with the IR remote control.

The IR Remote Control Volume Up Ch1 and Ch2 and Volume Down Ch1 and Ch2 keys will raise and lower the volume.

The ROWELINK RCV LED on the IR Volume Control should flash continuously at approximately 20 CPS.

The IR VOL COMM LED on the IR Volume Control will flash when a Volume Up Ch1 or Ch2 or Volume Down Ch1 or Ch2 key is pushed.

OTHER KEYS on the 21958305 IR TRANSMITTER

THE REMOTE POWER ON/OFF key toggles power ON or OFF. When the Power ON/OFF switch is toggled OFF, the Core Computer is placed in a “sleep” mode holding music selections in queue, but lights, bill acceptor and touchscreen are OFF. When toggled back ON, everything is energized and any songs in queue will begin to play.*

Refer to “Queue Management” in the **Network Setup, Jukebox Operation, Operator Setup Screens manual for more information.*

REJECT key rejects the song that is playing when pushed and cancels (REJECT ALL) all selections in queue if held down for 4 seconds. See the Network Setup manual included with the Jump Kit. Section 5.0 Hardware Setup contains the IR Remote setup information to enable or disable the REJECT and/or REJECT ALL feature.

PAUSE key puts jukebox in pause mode for a programmed amount of minutes or until the PLAY key is pushed. See the Network Setup manual, Section 5.0 to enable or disable the PAUSE key and/or change the PAUSE TIME.

PLAY key puts phonograph in play mode.

FUTURE key is used to give a remote credit. See the Network Setup manual, Section 5.0 to enable or disable Remote Credit.

VID SEL key is for future use.

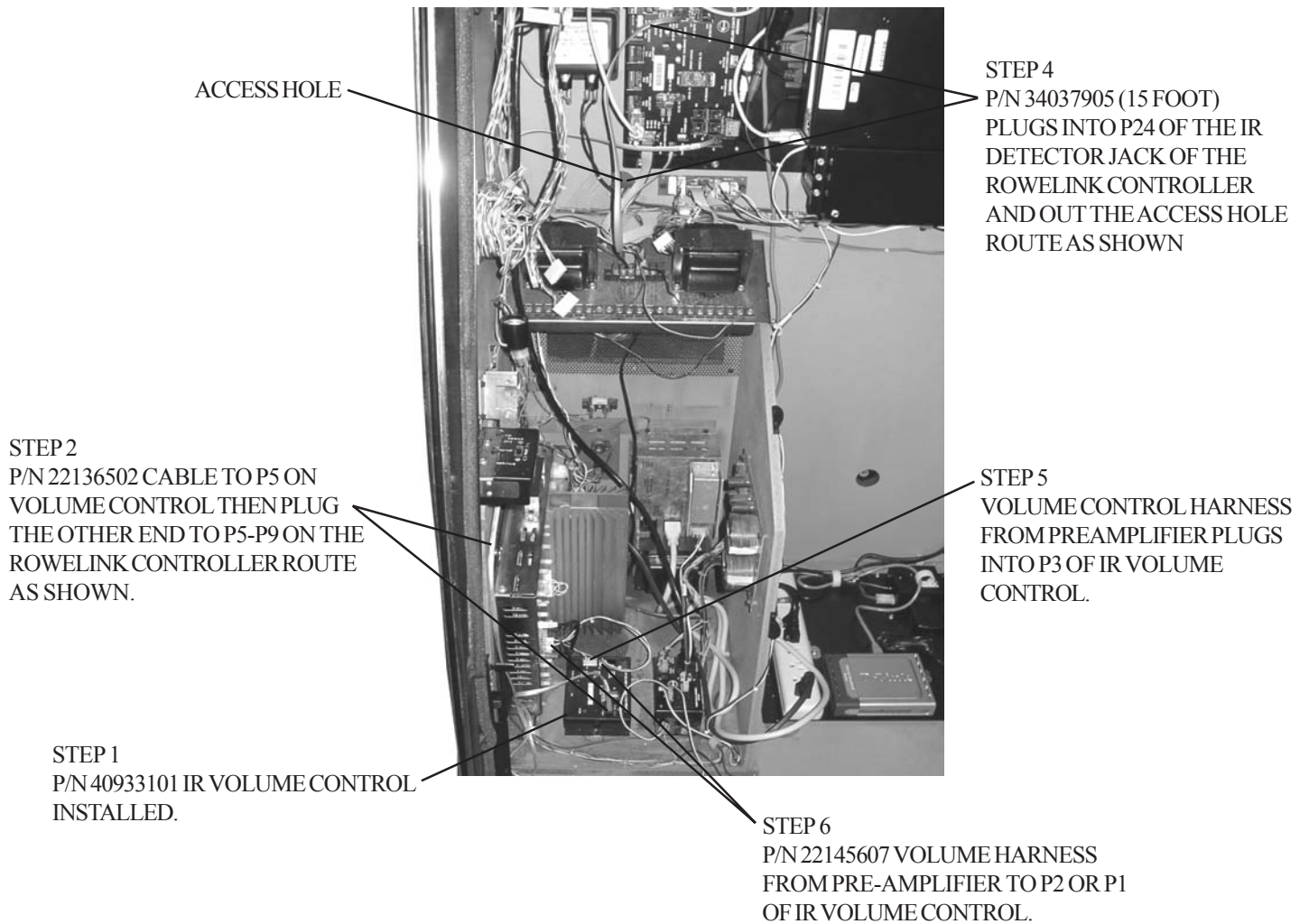


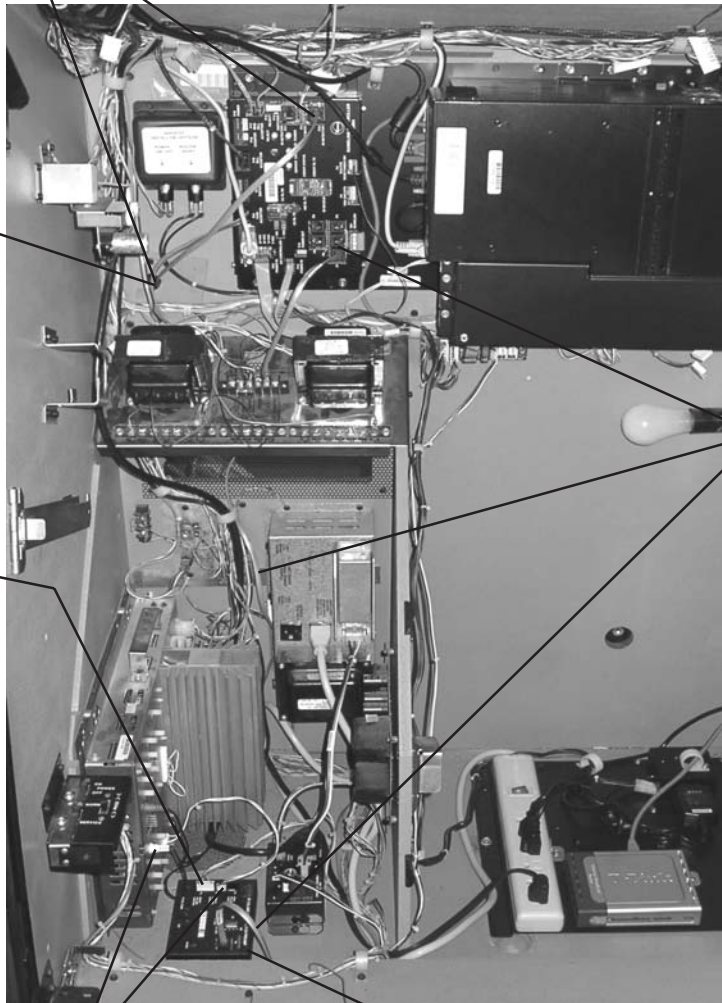
FIGURE 1
FOR CD100, CD100A and CD100B

STEP 4
P/N 34037905 (15 FOOT)
PLUGS INTO P24 OF THE IR
DETECTOR JACK OF THE
ROWELINK CONTROLLER
AND OUT THE ACCESS HOLE
ROUTE AS SHOWN

ACCESS HOLE

STEP 5
VOLUME CONTROL
HARNESS FROM
PREAMPLIFIER PLUGS
INTO P3 OF IR VOLUME
CONTROL.

STEP 3
P/N 22136502 CABLE-TO P5 ON
VOLUME CONTROL. THEN
PLUG INTO P5-P9 ON THE
ROWELINK CONTROLLER.
ROUTE AS SHOWN



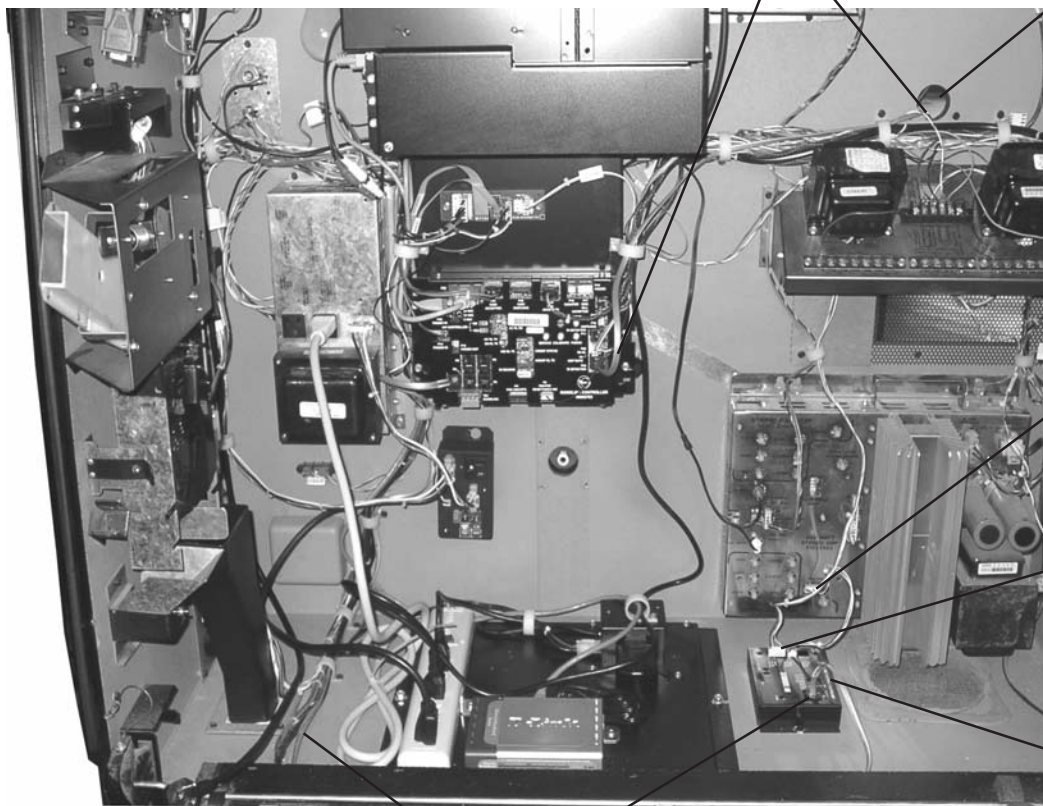
STEP 6
P/N 22145607 VOLUME HARNESS
FROM PREAMPLIFIER TO P2 OR
P1 OF IR VOLUME CONTROL.

STEP 1
P/N 40933101 IR VOLUME
CONTROL INSTALLED.

FIGURE 2
FOR CD100C and CD100D

STEP 4
P/N 34037905 (15 FOOT)
PLUGS INTO P24 OF THE IR
DETECTOR JACK OF THE
ROWELINK CONTROLLER
AND OUT THE ACCESS HOLE
ROUTE AS SHOWN

ACCESS HOLE



STEP 5
VOLUME CONTROL
HARNESS FROM PRE-
AMPLIFIER TO P3 OF IR
VOLUME CONTROL

STEP 6
P/N 22145607 VOLUME
HARNESS FROM PRE-
AMPLIFIER TO P2 OR P1
OF IR VOLUME CONTROL

STEP 1
P/N 40933101 IR VOLUME
CONTROL INSTALLED.

STEP 2
22136502 TO P5 ON VOLUME
CONTROL, ROUTE AS SHOWN
TO P5-P9 ON ROWELINK
CONTROLLER

**FIGURE 3
FOR CD100E**

STEP 4
P/N 34037905 (15 FOOT) PLUGS INTO P24 OF THE IR DETECTOR JACK OF THE ROWELINK CONTROLLER AND OUT THE ACCESS HOLE. ROUTE AS SHOWN

ACCESS HOLE

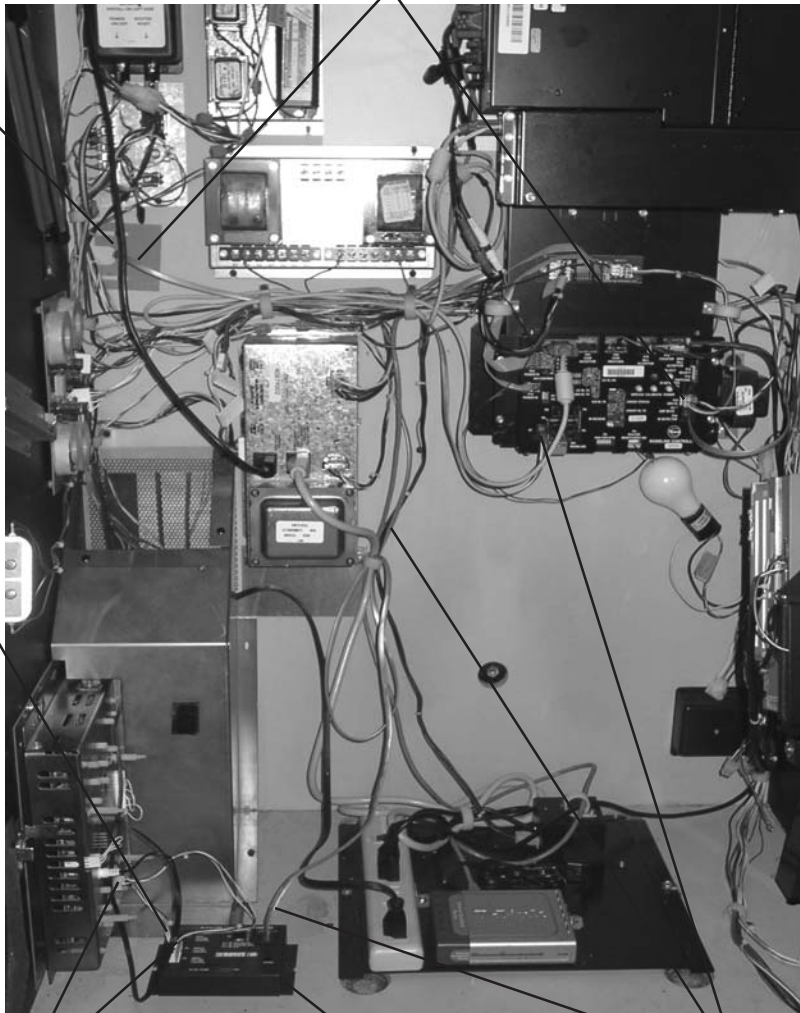


FIGURE 4
FOR ENCORE

STEP 5
VOLUME CONTROL HARNESS FROM PREAMPLIFIER PLUGS INTO P3 OF IR VOLUME CONTROL.

STEP 6
P/N 22145607 VOLUME HARNESS FROM PREAMPLIFIER TO P2 OR P1 OF IR VOLUME CONTROL.

STEP 1
P/N 40933101 IR VOLUME CONTROL INSTALLED.

STEP 2
22136502 TO P5 ON VOLUME CONTROL, ROUTE AS SHOWN TO P5-P9 ON ROWELINK CONTROLLER

Section B WP100 WALL PHONO

Steps:

Note: For section B use figure 5.

1. Attach the 40933101 IR Volume Control Board to the cabinet on the right side. Use two of the #8 wood screws and the existing screw holes.
2. Plug one end of 22136502 cable into P5 of IR Volume Control board. Route the cable along the right side of the amplifier then below the amplifier through the cable clamps and up to the Rowelink Controller and plug it into any Rowelink jack P5-P9 on the Rowelink Controller.

3. Plug one end of the 34037905 cable into the P24 IR Detector jack of the Rowelink Controller and route the cable down and out the rear access hole. Plug the other end into the 40846302 IR Receiver Assembly and then mount the receiver outside and above the jukebox.
4. Remove the Volume Control harness plug from the preamplifier and plug it into P3 of 40933101 IR Volume Control.
5. **If the wired volume control is a single-volume control**, plug one end of 22145607 Harness into P2 of the IR Volume Control and the other end into the Volume Control header of the Amplifier, with the violet wire to Pin 1. Set all S1 Dip switches to OFF on the IR Volume Control.

If the wired volume control is a dual-volume control, plug one end of 22145607 Harness into P1 of the IR Volume Control and other end into Volume Control header of Amplifier, with the violet wire to Pin 1. On the IR Volume Control, set S1-1 DIP switch to ON, and the others OFF.

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Volume can be controlled by a 21958305 IR Remote Control, and a single or dual wired remote control.

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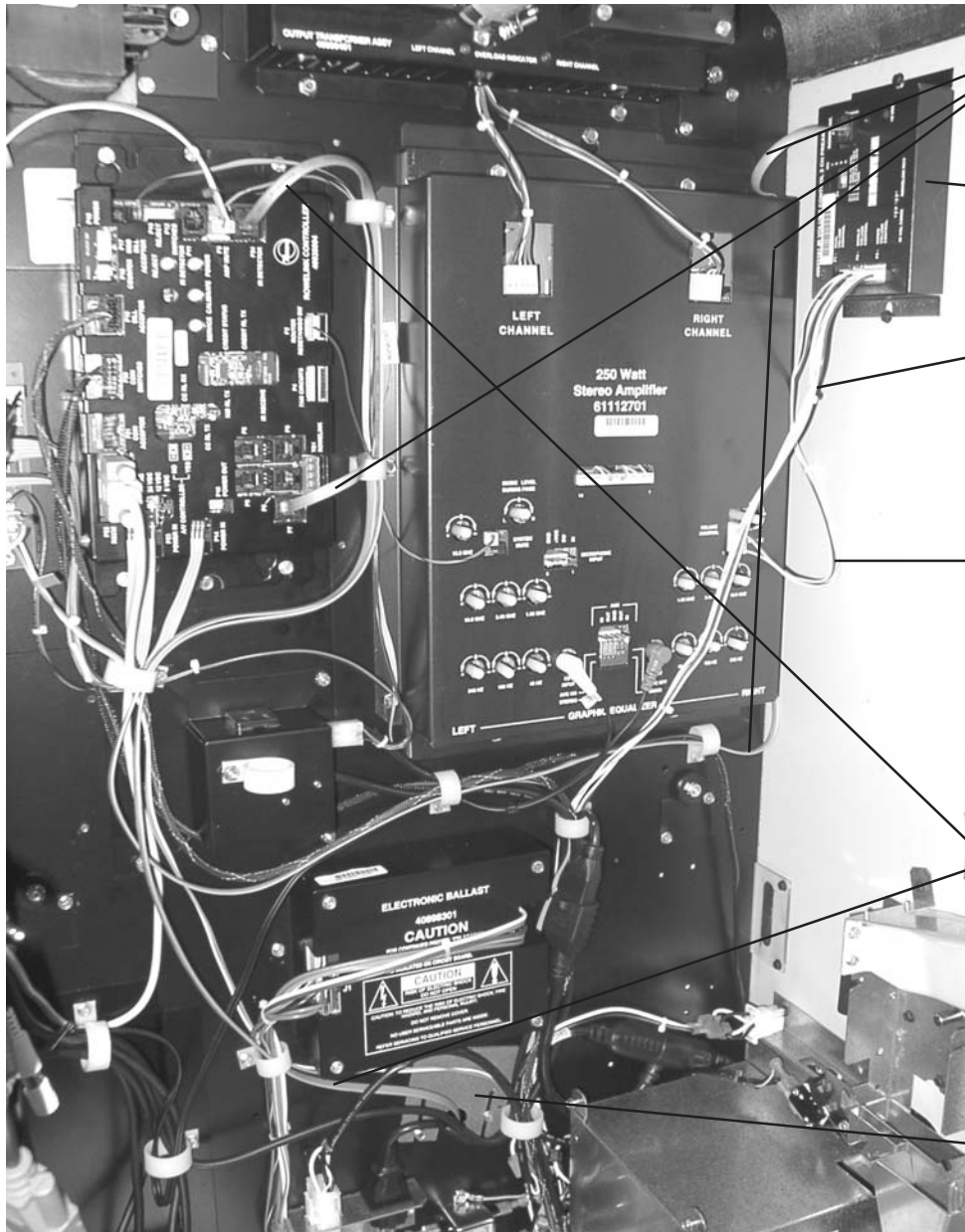
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PLAY key puts phonograph in play mode.

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VID SEL key is for future use.



STEP 2
22136502 TO P5 ON VOLUME CONTROL, TO P5-P9 ON ROWELINK CONTROLLER ROUTE AS SHOWN

STEP 1
P/N 40933101 IR VOLUME CONTROL INSTALLED.

STEP 4
VOLUME CONTROL HARNESS FROM PREAMPLIFIER PLUGS INTO P3 OF IR VOLUME CONTROL.

STEP 5
P/N 22145607 VOLUME CONTROL HARNESS FROM PREAMPLIFIER TO P2 OR P1 OF IR VOLUME CONTROL.

STEP 3
P/N 34037905 (15 FOOT) PLUGS INTO P24 OF THE IR DETECTOR JACK OF THE ROWELINK CONTROLLER AND OUT THE ACCESS HOLE ROUTE AS SHOWN

ACCESS HOLE

FIGURE 5
FOR WP100 WALL PHONO