

Installation Instructions

Ecast Mojo (non-EQ) to AMI hardware conversion

KIT #26683613

This kit is for use in Ecast Mojo equipped jukeboxes. This kit will not work in Ecast EQ or Ecast powered NSM jukeboxes.

Tools Required

#2 Phillips screw driver, #1 Phillips screw driver, Small flat blade screw driver

Parts Included with this Kit

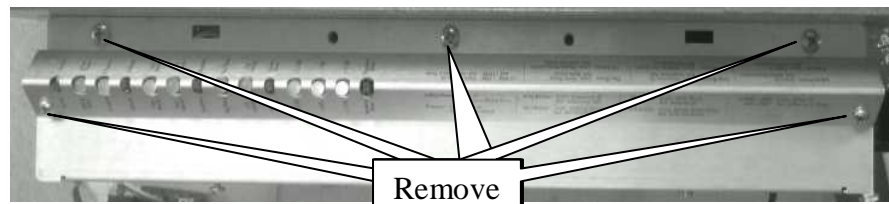
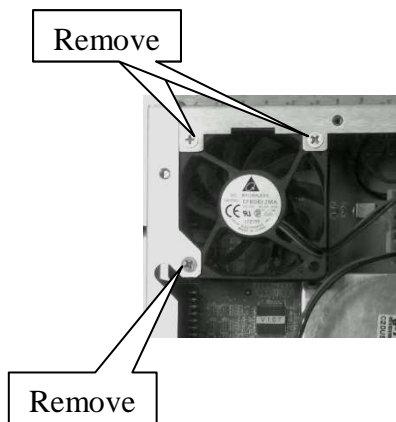
Item #	Part Number	Description	Quantity
1.	22219005	Hard Drive Assy. (Green Dot)	1
2.	61196906	CBA – Core I/O Ecast Mojo	1
3.	40981002	CBA – SATA/PATA Converter	1
4.	22328902	Bracket, Mounting SATA/PATA	1
5.	70039160	IC – Micro Programmed Remote	1
6.	70039168	IC – Micro Programmed Preamp	1
7.	80402304	#6-32 x 1/4" Phillips Head Screw	2
8.	80401604	#4-40 x 1/4" Phillips Head Screw	2
9.	22188403	Card – Trigger Code	1
		These Instructions	



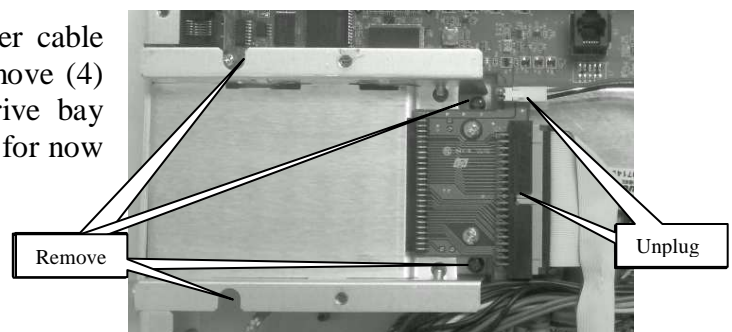
1. There are several different versions of the Mojo core computer assembly. You must adjust these instructions as necessary for your specific Mojo assembly.
2. Turn the jukebox off and unplug it from the wall outlet.
3. Unplug all the harness connections to the Mojo core computer assembly and remove the Mojo from the jukebox.

I/O Board replacement

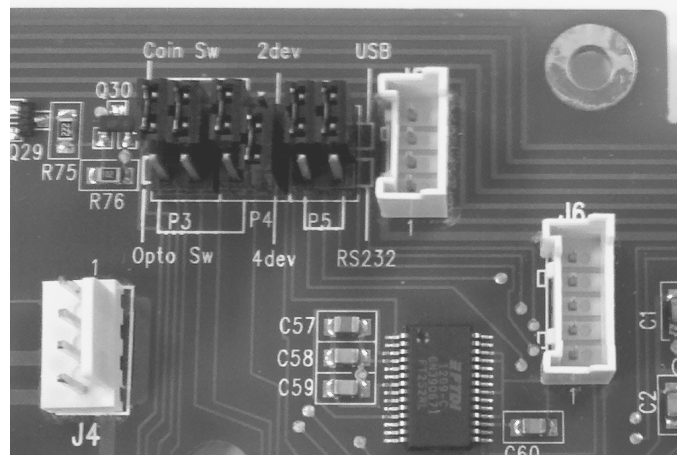
4. Lay the Mojo assembly screen side down on a suitable work surface. Remove the hard drive assembly and set it aside for now.
5. Remove (14) Phillips screws holding the back cover to the Mojo and remove the back cover.
6. Unplug the cooling fan connector from the COIM board at J3. Remove (3) Phillips screws holding the cooling fan then remove the cooling fan. Remove either (2) or (5) Phillips screws then remove the top bracket.



7. Unplug the IDE data cable and power cable connected to the hard drive bay. Remove (4) Phillips screws securing the hard drive bay and remove the bay. Set the bay aside for now (Mojo-Silver bay shown in image).



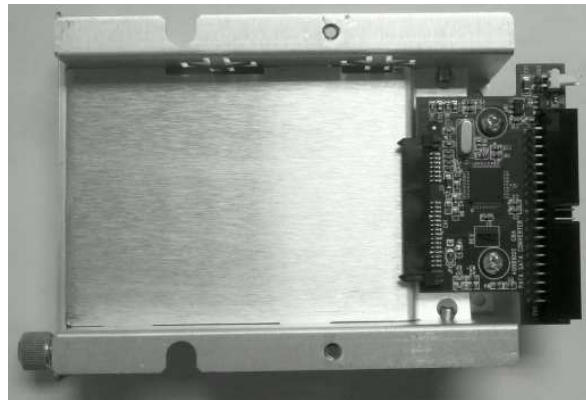
8. Remove (2) Phillips screws holding the Touch Controller assembly (if installed). Position the Touch Controller to the side. You do not have to disconnect harnesses going to the Touch Controller.
9. Unplug the harnesses connected to the COIM board. Remove (6) Philips screws then remove the COIM board.
10. Verify the jumpers on the new I/O board, Item 2, are all configured in position 1 as shown, except P4. If your jukebox uses Rock-Ola preamp set jumper P4 in the 4dev position. Otherwise set P4 in the 2dev position. Install the new I/O board with (6) Phillips screws from step 9. Leave the screws loose.
11. Reconnect the harnessing removed in step 9. Reinstall the Touch Controller removed in step 8.



12. Reinstall the top bracket removed in step 6. Take care to ensure all the LEDs and pushbuttons align properly in the holes in the top bracket. Tighten (6) screws holding the new I/O board in place.
13. Reinstall the cooling fan and plug the cooling fan into the new I/O board at J3.

Mojo-Silver units, continue with step 14. Mojo-Red units, continue with step 17.

14. Remove (2) Phillips screws holding the interconnect board on the hard drive bay. Discard the interconnect board.
15. Install the SATA/PATA Converter board reusing the same (2) screws. Reinstall the hard drive bay into the Mojo using the same (4) screws from step 7.

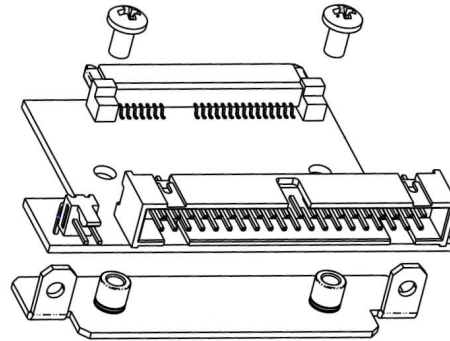


16. Connect the IDE data cable and the power cable to the SATA/PATA Converter board.
Skip to step 21 to continue.

17. Remove (2) screws holding the interconnect board to the hard drive bay. Discard the interconnect board. Reinstall the hard drive bay into the Mojo using the same (4) screws from step 7.

18. Locate the Bracket, Item 4, and install on the hard drive bay using (2) #4-40 x 1/4" screws, Item 6. Ensure the bracket is positioned properly as shown.

19. Install the SATA/PATA Converter, Item 3, and secure the board to the bracket with (2) 6-32 x 1/4" screws, Item 5.



20. Connect the IDE data cable and the power cable to the SATA/PATA Converter board.

Hard Drive Install

Note: The hard drive in this kit is unique for converted Ecast Mojo units and is marked with a 5/8" diameter green dot. This hard drive will not work if installed in Ecast EQ, Ecast NSM, or other Rowe/AMI jukeboxes.

21. If your hard drive has a black plastic cover and edge connector interface board, remove (2) screws securing the interface board. Discard the interface board. Remove the black plastic cover, discard the cover.

22. Using a small flat blade screw driver carefully bend (4) retaining tabs of the hard drive tray slightly outward to release the hard drive. Remove the hard drive from the tray. The hard drive will not be reused. Please return the hard drive to AMI.



23. Use the small flat blade screw driver to push the tabs of the hard drive tray back into position. The bottom of the tabs should protrude slightly into the hard drive tray.

24. Install your new AMI hard drive in the hard drive tray. Be sure the retaining tabs line up with the mounting screw holes on the sides of the hard drive.

25. When first installing the hard drive and hard drive tray into the Mojo, be sure the SATA/PATA Converter board is aligned properly. Loosen (2) screws holding the SATA/PATA Converter board. Align the hard drive with the converter board and plug them together. Tighten the SATA/PATA Converter board mounting screws.

26. Double check that all harnesses are properly connected and all mounting screws are tight. Reinstall the Mojo cover then reinstall the Mojo back into the jukebox. Reconnect all harnesses to the Mojo.

Rock-Ola PreAmplifiers

27. If the jukebox you are updating uses a Rock-Ola preamplifier continue with step 28. Otherwise skip to step 33 for Power up Testing.
28. Remove the cover to the amplifier and/or preamplifier assembly and remove the preamp board.
29. Using a small flat blade screw driver, carefully remove the microprocessor chip from its socket on the preamplifier board.
30. Install the new preamplifier microprocessor chip (Item 4 – 70039168). Be sure to orient pin 1 of the chip in the proper direction.
31. Reassemble the amplifier/preamplifier assembly and reinstall in the jukebox. Reconnect all the harnesses.
32. If your jukebox installation includes a 02463 - 4 Channel Remote Kit:
 - a. Remove the back from the remote control assembly.
 - b. Using a small flat blade screw driver, carefully remove the microprocessor chip from its socket on the board.
 - c. Install the new remote control microprocessor chip (Item 3 – 70039160). Be sure to orient pin 1 of the chip in the proper direction. Reassemble the remote control assembly.

Power up Testing

33. Plug the jukebox back into the wall then power up the jukebox and ensure the jukebox UI comes up. This will take some time and may include one or more reboots.
34. In order for the jukebox to connect to the AMI network, the MAC address of the computer core must be entered into the AMI database and the jukebox will have to be added to your operating contract. This will require a phone call to the AMI Tech Support line, 1-877-ROC-N-ROL (1-877-762-6765).
 - a. The MAC address is found on a Service Mode screen.
 - b. If the jukebox is not in the Service Mode, push the Activate Service Screen button on the core computer I/O board.
 - c. Push the Calibrate Touch Screen button and calibrate the touch screen.
 - d. Touch Diagnostics then touch System Information. The MAC address will be displayed in the third block down from the top right.
 - e. To help the AMI Tech Support technician configure your jukebox in the AMI system, please have the jukebox model and serial number along with the MAC address when you call.

35. After Tech Support has entered the MAC address of the jukebox, you will need to enter the Trigger Code.
- From the main menu in the Service Mode, touch System Setup then touch Enable/Extend Features.
 - Using the on-screen keypad, enter the trigger code found on the Trigger Code Card then touch the Send Code button.
36. In order for the coin switches to work properly, you will have to adjust the coin setup on the Cash Management – Song Pricing screen. Use the Diagnostics – Credit Devices screen to discover which inputs are used for which coins then configure the coin setup accordingly.
37. Once updated, the two modular connectors marked SP1 and SP2 are now repurposed.

SP1 is now a Rowelink port used specifically to connect to the replacement preamplifier assembly in the Ecast EQ to AMI Conversion Kit.

SP2 is no longer used so this connector is not installed on the I/O board.

