Installation Instructions

Ecast EQ to AMI hardware conversion

KIT #26683701

This kit is for use in Ecast EQ jukeboxes.
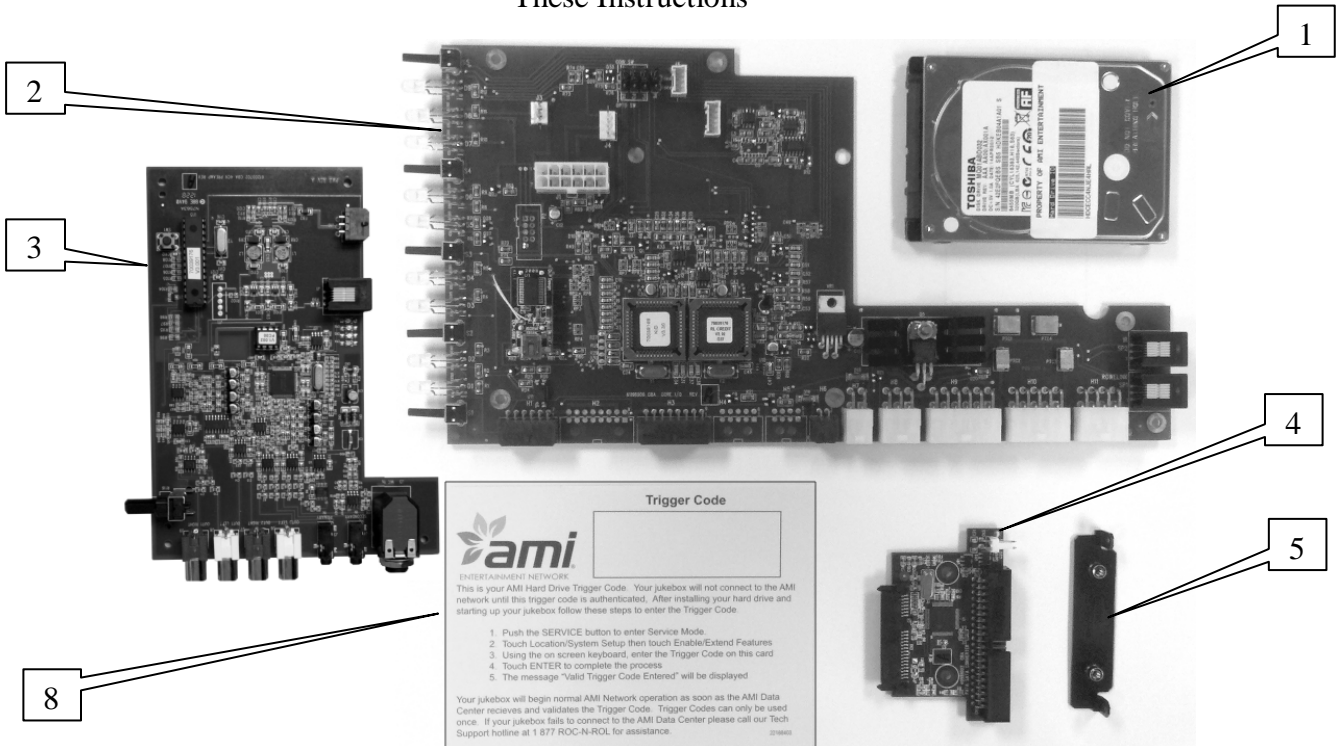
Tools Required
#2 Phillips screw driver, #1 Phillips screw driver, Small flat blade screw driver

Parts Included with this Kit

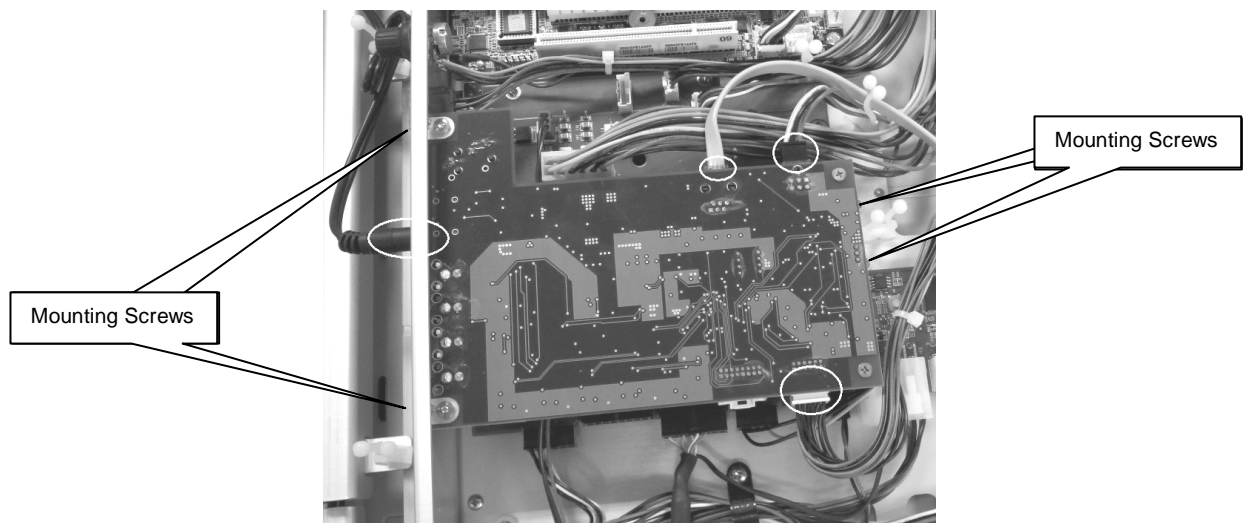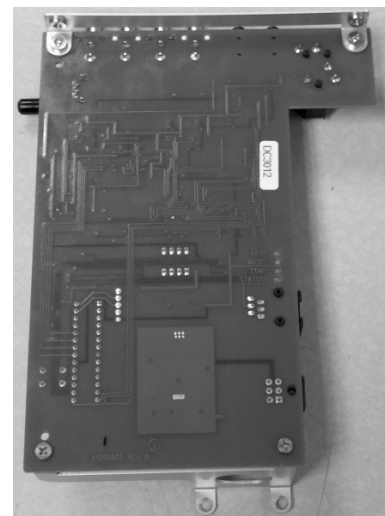| Item #	Part Number	Description	Quantity
1.	22219007	Hard Drive Assy. (Grey dot)	1
2.	61196906	CBA – Core I/O Ecast Mojo	1
3.	61200702	CBA – Digital Preamp 4 Channel	1
4.	40981002	CBA – SATA/PATA Converter	1
5.	22328901	Bracket, Mounting SATA/PATA	1
6.	80402304	#6-32 x 1/4" Phillips Head Screw	2
7.	80401604	#4-40 x 1/4" Phillips Head Screw	2
8.	22188403	Card – Trigger Code	1
		These Instructions	

1. Turn the jukebox off and unplug it from the wall outlet.

2. It is much easier to perform this conversion with the EQ laying on a bench or other suitable work space. Remove the metal overlay. Swing the EQ panel assembly forward and disconnect all wires between the EQ panel and the cabinet. Mark wires or otherwise note where the wires are connected so they can be reconnected after the conversion.

3. Disconnect and remove the EQ panel from the cabinet. Lay the EQ panel on your work surface component side up.
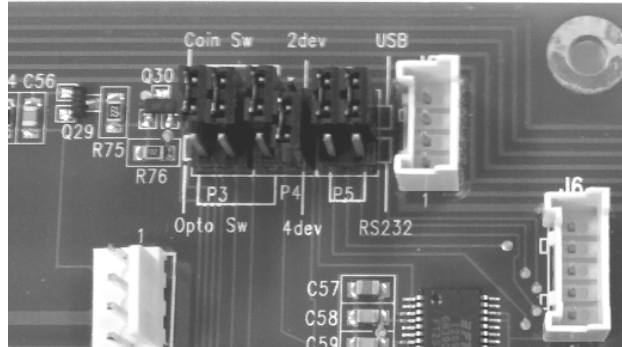
I/O Board and Preamp replacement

4. Start by disconnecting the plugs (four places) connected to the preamplifier.

5. Remove (4) small Phillips screws from the preamplifier mounting brackets (2 front, 2 rear). Remove the preamp and bracket assembly. Retain the mounting screws.

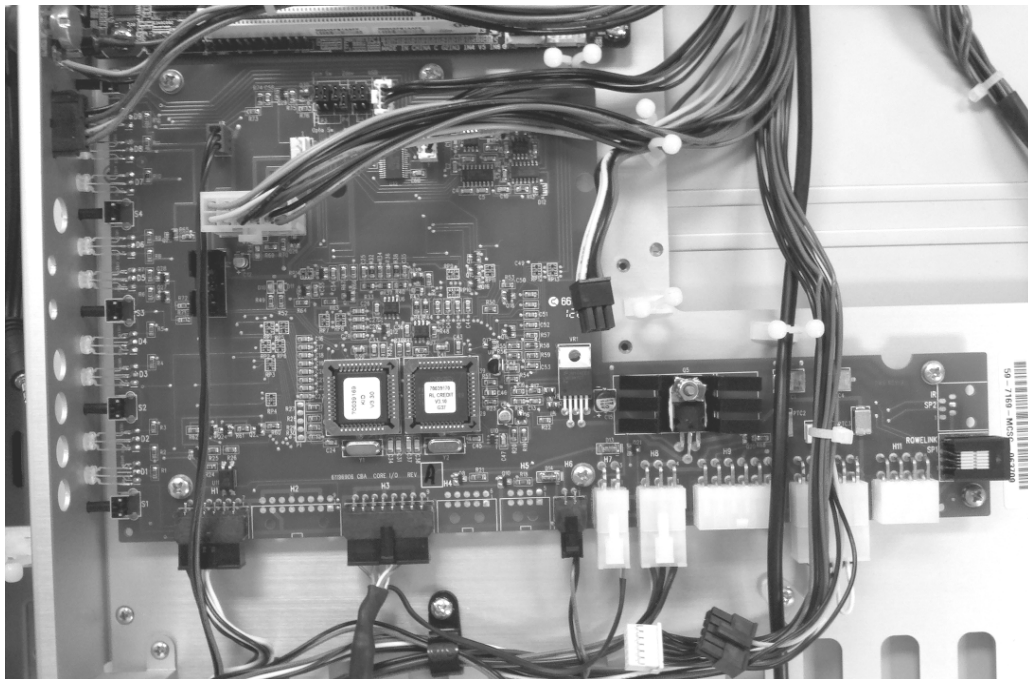
Mounting Screws

Mounting Screws

6. Transfer the two mounting brackets from the old EQ preamp to the new preamp, Item 3, as shown. Set the preamp assembly aside for now. The old preamp will not be reused.

7. Disconnect all the wires plugged into the COIM board and position them out of the way.

8. Remove (6) Phillips screws holding the COIM board. Carefully remove the COIM board. The COIM board will not be reused.

ami
ENTERTAINMENT NETWORK

9. Verify all jumpers on the new I/O board, Item 2, are configured in position 1 except the P4 jumper which should be in the 4dev position as shown. Install the new I/O board and secure with (6) Phillips screws from step 8.
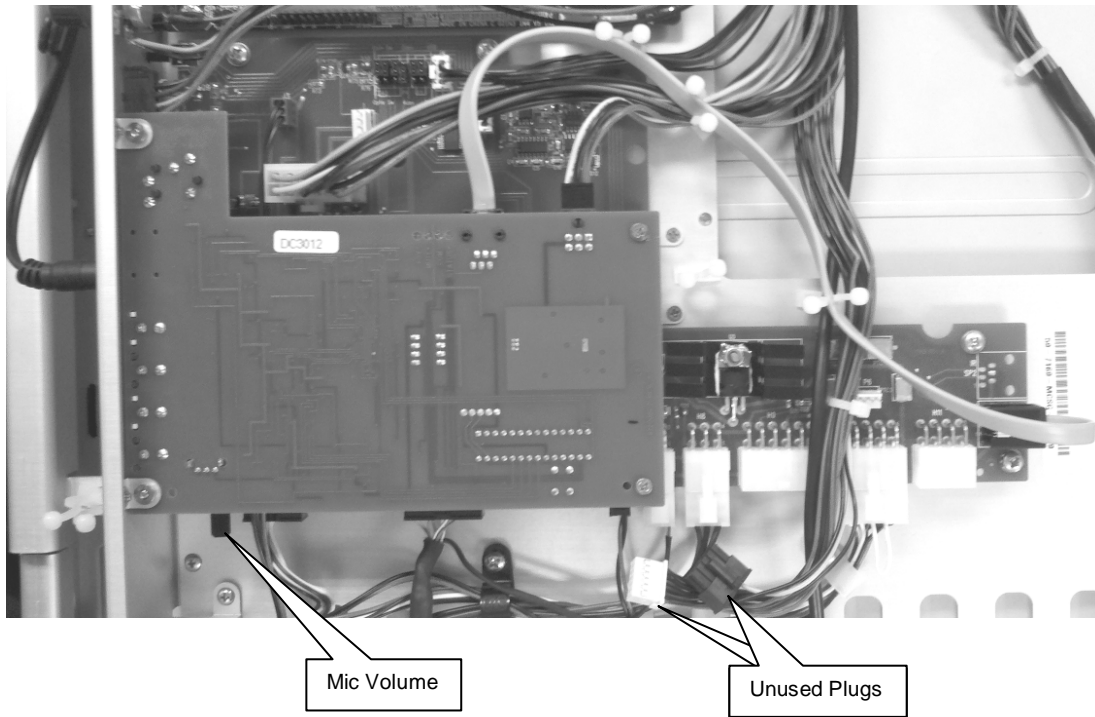

10. Reconnect all the plugs to the I/O board as shown below. The new I/O board supports only one hard wired remote. If your machine uses two hard wired remotes, one will have to be left unused.

11. Install the new preamplifier and secure the mounting brackets using (4) Phillips screws left over from step 5.

12. Reconnect the 6 pin power cable and connect the modular cable from the preamp to the new I/O board. The black 10 pin plug and the white 12 pin plug will not be reused. Simply position these out of the way.

Mic Volume

Unused Plugs

Hard Drive bay modification

13. Unplug and retain the two wire power connector going to the hard drive connector on the back of the hard drive mounting bracket. Unplug the 80 pin hard drive IDE cable from the hard drive connector and position it out of the way.

14. Remove the two #4 Phillips screws holding the hard drive connector to the mounting bracket. Discard the two screws and the hard drive connector.

15. Position the new mounting bracket, Item 5, as shown and secure with (2) #4-40 x 1/4" Phillips screws, Item 7.

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

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

Hard Drive Install

18. 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.

19. 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.

20. 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.

21. 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.

22. When first installing the hard drive and hard drive tray into the mounting bracket, 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.

23. Double check that all harnesses are properly connected and all mounting screws are tight. Remount the EQ panel and reconnect all harnesses between the EQ panel and the cabinet.

Power up Testing

24. 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.

25. 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 Service Console button on the core computer I/O board.
    c. Push the Calibrate 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.

26. After Tech Support has entered the MAC address of the jukebox, you will need to enter the Trigger Code.
    a. From the main menu in the Service Mode, touch System Setup then touch Enable/Extend Features.
    b. Using the on-screen keypad, enter the trigger code found on the Trigger Code Card then touch the Send Code button.

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