

Tech Note

Accessing the interior Audio Boards on the 2-chassis MZP model

The interior audio cards in a two chassis MZP model are accessed by separating the two chassis sections as shown below. Once the chassis have been separated, the audio card EPROMs are updated in the manner shown in the accompanying document.

Step 1: Power down unit and remove from rack.

Step 2: Remove the top of the unit; i.e., the top cover of the upper chassis.

Step 3: Referring to the drawing below, remove the button head screws that join the two chassis.

Step 4: Paying close attention to their placement, remove the cables that attach between the two chassis. In most cases there will be a power supply cable, an IPB cable, and a flat ribbon cable.

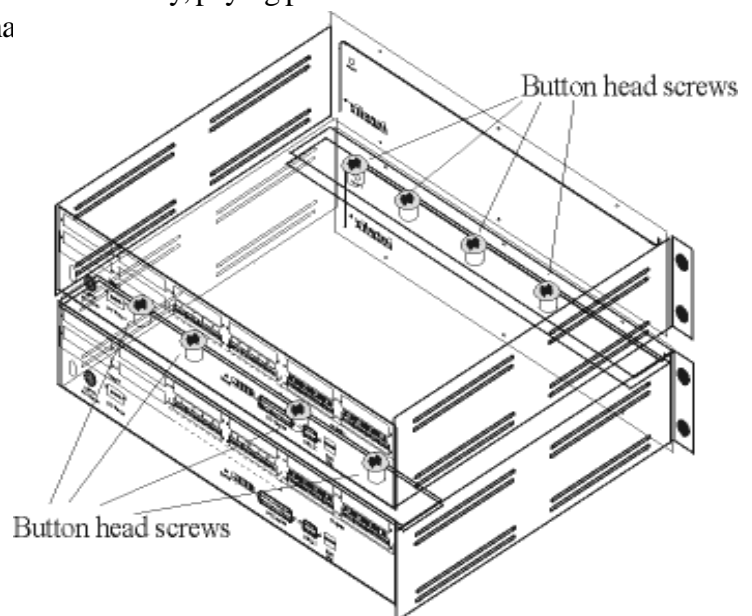
Step 5: Lift the two chassis apart.

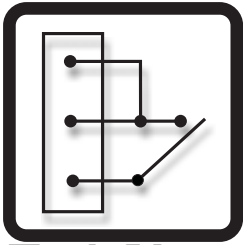
Step 6: Referring to the document explaining the replacement of EPROMs, change EPROMs in both chassis. There will be CPU, communication, and audio EPROMs in both chassis; *all* EPROMs must be changed.

Step 7: Reassemble the MZP in reverse order of disassembly, paying particular attention to the correct replacement of the cabling between the two cha

Step 8: Test the assembled unit.

Fig. 1. The 2-unit chassis after assembly. Each of the two chassis have a pair of connector plates installed, and are bolted together through the connector plates. The bolts are "button head" screws and can be removed either with a button head tool, or its approximate equivalent, a 5/64" Allen wrench. There will be four to eight "button head" screws holding the two chassis sections together.





Tech Note

Instructions for upgrading **intelix MZP** EPROMs to version 3.1

Upgrading your MZP to version 3.1 requires following the steps below. *Application files created on MZP software prior to version 3.1 must be recreated from scratch in version 3.1 software; there is no backwards compatibility of files.*

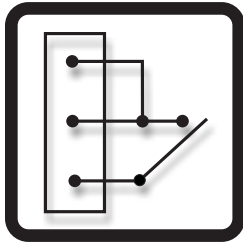
- 1) Ensure that you have all the EPROMs needed for your system:
 - a) The CPU card holds two EPROMs that must be changed: the Main Application EPROM and the Communication EPROM.
 - b) Each crosspoint card holds a 16 x 8 EPROM that must be changed.
All EPROMs will be labelled Application, Communication or 16 x 8.

- 2) Remove the top of the MZP chassis to expose the crosspoint cards.
 - a) *Watching the position of the notch in the chip for orientation*, gently pry the EPROM out of its socket, using a small bladed screwdriver or similar tool.
 - b) Taking care that all pins are correctly aligned and that the new EPROM's notch is oriented the same way as the removed chip's, press the new EPROM into the socket.
 - c) Repeat steps a and b for each crosspoint card in the system.
 - d) Replace the top of the MZP chassis.

- 3) Remove the bottom of the MZP chassis to expose the CPU card. The power supply card will also be exposed, but it is not modified in any way.
 - a) Using a small bladed screwdriver or similar tool, gently pry the EPROM out of its socket.
 - b) Taking care that all pins are correctly aligned, press the new EPROM into the socket.
 - c) Replace the bottom of the MZP chassis.

- 4) Now that all EPROMs have been updated, run the Hardware Installation Wizard. This wizard is part of the Intelix Windows(P) based MZP software (main -> Installation -> Installation Wizard). Carefully follow the directions in the wizard, especially the instruction to disconnect the ReO bus from the matrix before proceeding. You can step through the wizard before making changes to view the process before using it.

For the location of the EPROMs, see drawings on the next page.



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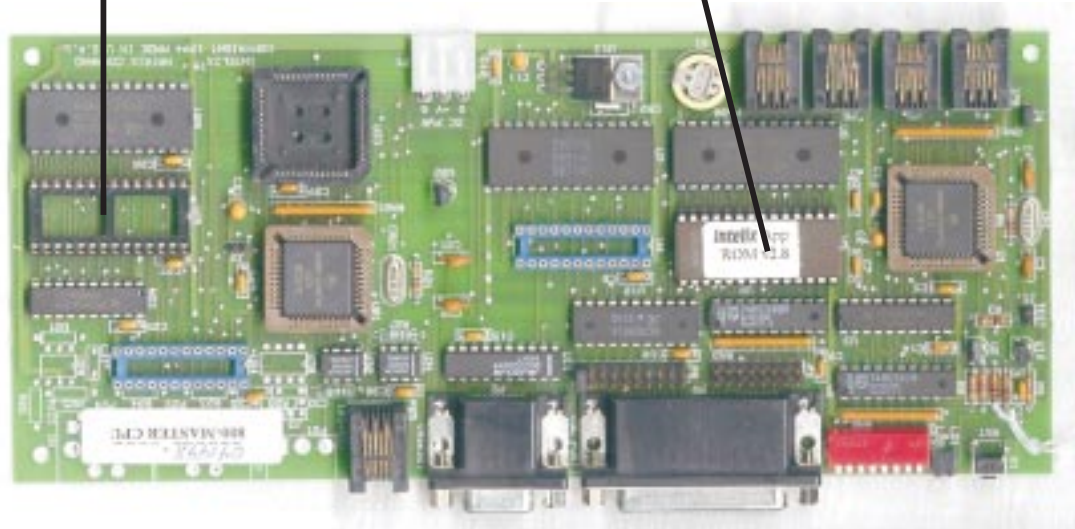
#106 MZP Audio Boards, Pg 3



[08/15/00]

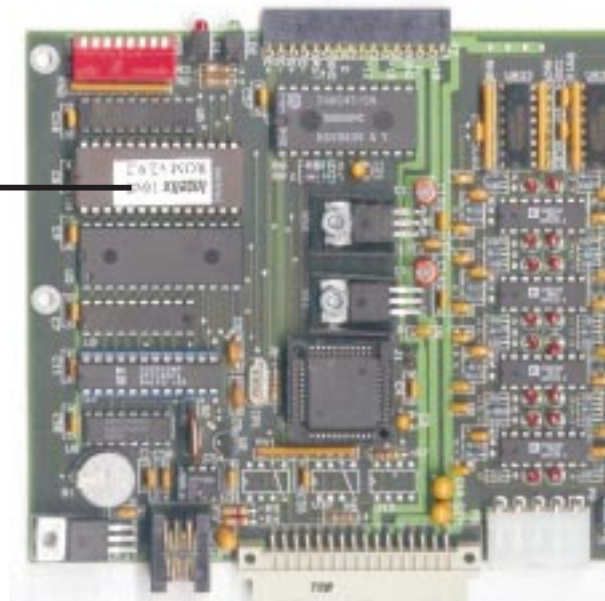
Communication EPROM
(empty socket shown)

Application EPROM



The drawing above shows the location of the two EPROMs on the CPU card.

16 x 8 EPROM



The drawing above shows the location of the 16 x 8 EPROM on the 16 x 8 crosspoint card. Note that only one end of the board is shown.

Note: The same EPROM is used in both the “fully loaded” and “half-loaded” crosspoint cards.