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# MIXVIEW 3.0 INSTALLATION

**M**ixview version 3.0 is an extremely powerful software release offering features such as Automated EQ and Automation Editing. It's common with computer based systems that adding power to an operating system or application requires added horsepower to run. It is typical when upgrading to a more powerful computer operating system, that hardware upgrades are also required. The Euphonix MixView operating system is no different in this regard.

Your Euphonix system must meet specific hardware requirements before we can ship your new v3.0 upgrade to you. The most obvious factors in determining v3.0 compatibility is that your Mix Controller must have a DSC installed, running software no earlier than v2.4 and the MixView Platform must have a minimum of 40MB of RAM.

The next most important determining factors are the hardware revision and factory ship date. Over the years, advances in technology have enabled us to continually improve performance throughout our system by installing faster, more efficient components. This is why the degree of hardware upgrade a system will require can depend on its current hardware revision and ship date. A few basic guidelines are provided in the paragraphs below to help you determine what it will take to make your system v3.0 ready.

Systems shipped since July '96 will most likely require only the addition of 32MB RAM in the MixView Platform, one v3.0 DSC ROM and the v3.0 MixView diskette to make it v3.0 ready. Prior to the release of v3.0, the Euphonix MixView Platform came equipped from the factory with 8MB of RAM. The added 32MB will bring your system up to the minimum required 40MB.

If your system was shipped to you before July '96, EuBus card upgrades will most likely be required in the PC before MixView 3.0 can be installed. You will find details on identifying your EuBus card revision in the installation section.

# PC RAM Upgrade

Version 3.0 will require this upgrade to run. Here's the what and how on upgrading the RAM on the MixView PC.

## Requirements

- 2x Standard (Non-EDO) 72-pin, 60ns, 16MB SIMMs. These specs are extremely critical and we cannot assure proper system performance if they are not adhered to.

## Instructions

*Note: all key-press instructions refer to keys on the PC QWERTY keyboard.*

- TURN YOUR MIXVIEW PC OFF.
- Disconnect and remove the PC from the rack if necessary.
- Remove the lid from the PC.  
The SIMM sockets are located on the rear right hand side of the motherboard.
- Insert the two new 16MB SIMMs into the spare slots next to the current 4MB SIMMs.

Be very careful to insert them correctly. Make sure that they are facing the same direction as the two 4MB SIMMs. The SIMMs are held in place by two silver clips at either end. Tilt the SIMM forward with the chip side down at approximately a 45 degree angle and insert the SIMM's edge connector into the socket on the motherboard. Slowly pull the SIMM vertical until it clicks into the two silver clips at which point the SIMM becomes fully inserted into the socket.

## Eubus Card Jumper Settings

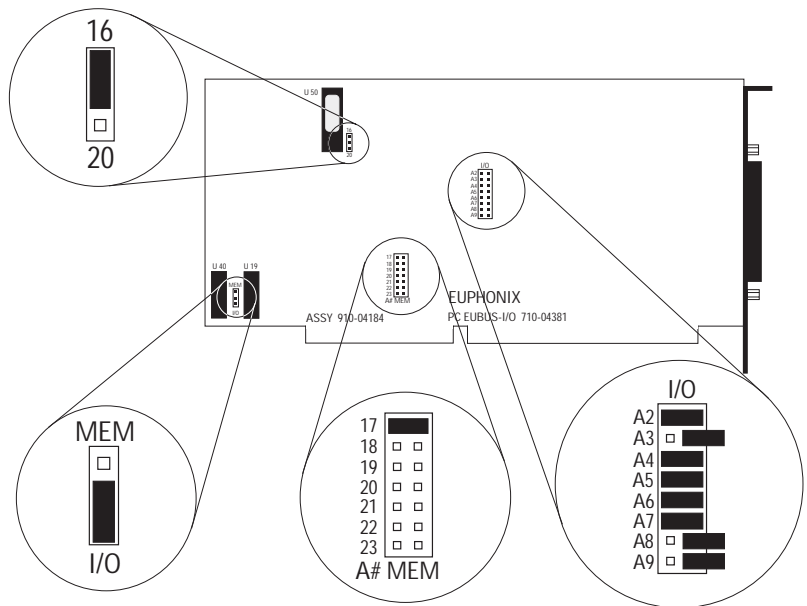
The EuBus cards provide communication between the MixView PC and the Mix Controller or Cube. Both cards are identical but are configured differently at the factory for their respective functions.

The EuBus cards must be the latest versions for the system to make use of the 40MB of RAM. The cards are located inside the MixView PC, occupying the 2nd and 3rd slots from the left as you face the front of the computer. The simplest way to identify the card revision is to look for the MEM-I/O jumper in the lower left corner of the PCB (see diagrams on the following pages).

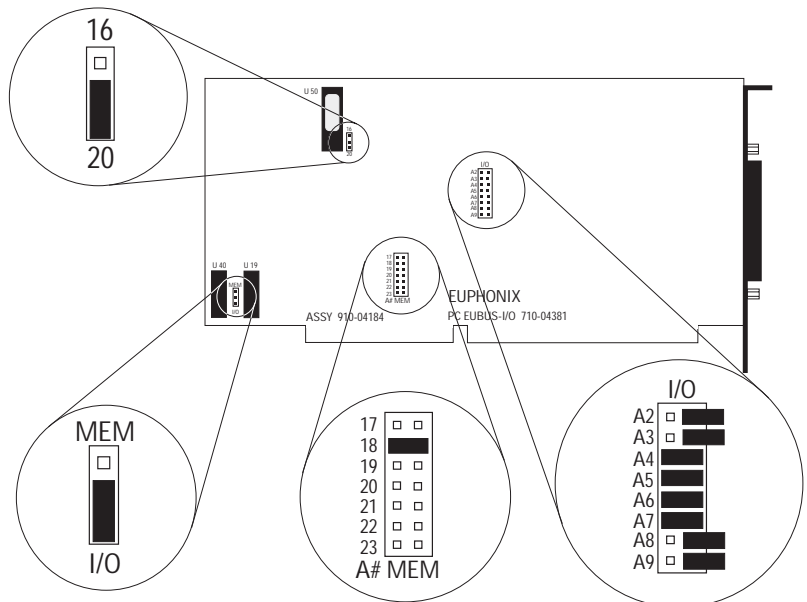
If the jumper is present, it is currently set to MEM. Move it to I/O on each card and reinstall. If the jumper is not present, you have an older revision and will need to purchase the latest revision PCBs. Contact our Euphonix Customer Support Department at (415) 855-0400 for specific details.

If the EuBus cards are the latest versions, only the MEM-I/O jumper must be reconfigured. If you purchase new EuBus cards from Euphonix, they will be pre-configured, tested and labelled at our factory. Diagrams on the following pages show proper configurations for both EuBus card functions.

## EuBus card jumper settings (Mix Controller)



## EuBus card jumper settings (Cube)



## RAM Initialization

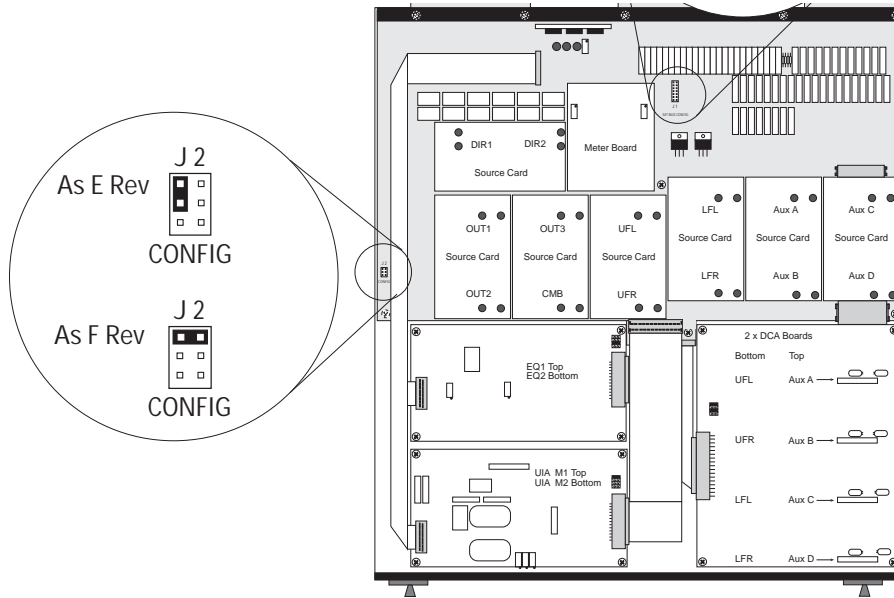
1. Reinstall the Mixview PC and turn the system ON. As the system boots up, the PC will detect the new RAM and will report a conflict with the SETUP. You will see a message, "Invalid configuration information - please run SETUP program", "Press the F1 key to continue, F2 to run the setup utility".
2. Press **[F2]** to run the setup utility. The screen will show a message that includes "Memory size invalid", "<Hit any key>".
3. Press any key.  
You are presented with the "Standard System Parameters" screen.
4. Press **[ESC]**. You are presented with the "Exiting Setup" Dialog box.
5. Press **[F4]** to "Save values, exit SETUP, and reboot".

You only need to do this once - enjoy your 40MB !

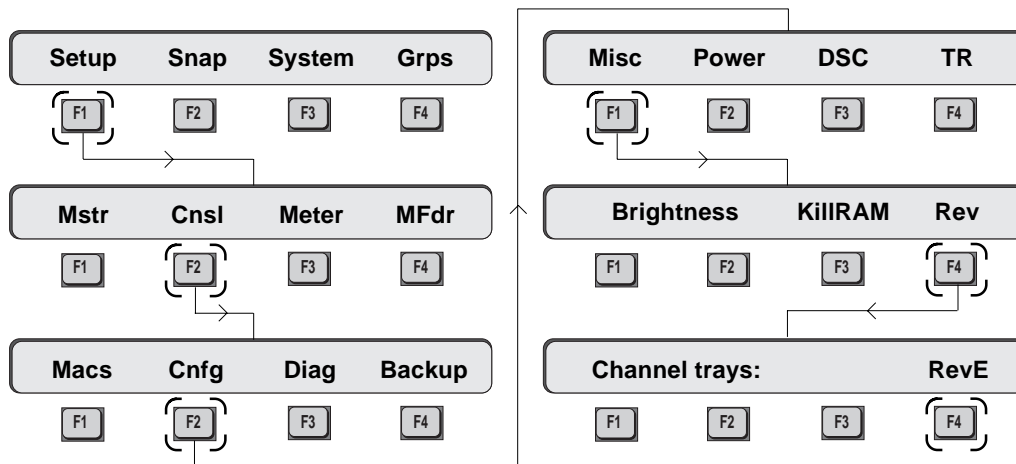
# Audio Tower Channel Trays

Currently, systems ship with F revision audio I/O channel trays. There are a few hardware enhancements provided by the F Rev channel tray that were not active until MixView version 3.0 software. These enhancements are detailed in the 3.0 Operational Supplement.

To determine the channel tray rev of your system, you will need to turn the Audio tower off and remove a channel tray. The F Rev tray will have a "Config" jumper (J2) located on the left hand edge of the channel tray motherboard about mid-way back. You will need to reposition the jumper according to the diagram below.

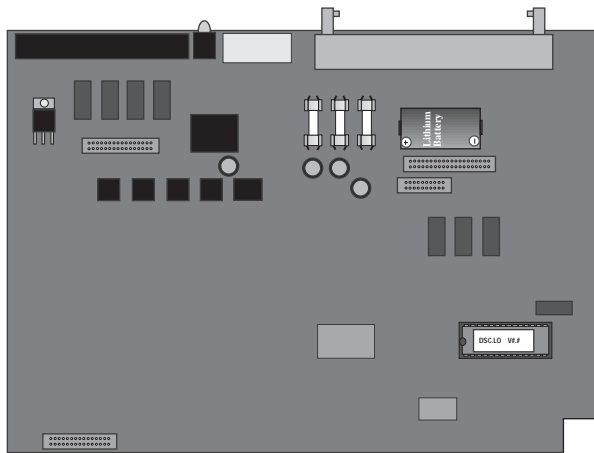


After the jumpers are changed, reinstall all trays, power up the Audio Tower(s) and reboot the system. Next, you will need to inform the software it is communicating with F Rev channel trays. Follow the SmartDisplay menu tree shown here to access the option:



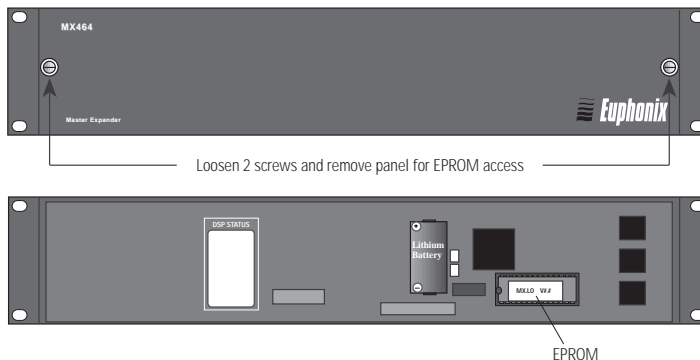
Press [F4] to set the Channel trays parameter to RevF.

## Replacement of the DSC EPROM



1. Open the top cover above the DSC module and disconnect the three cables located over the TFT display.
2. Gently pull the DSC up and out of the Mix Controller frame. Place the DSC facing down and remove the small back panel (behind the TFT screen) with a Phillips screwdriver.
3. Remove the old EPROM by pushing on the socket tabs. Be extremely careful when inserting the new EPROM - ground yourself to prevent a static discharge and make sure all the pins are lined up before pushing the EPROM into the socket.

## Replacement of the MX464 EPROM (if applicable)



1. Remove the front panel with a flat-blade screwdriver.
2. Following the same precautions as above, replace the EPROM on the processor board.

## Installing the MixView software

1. Hit **[Alt-Q]** on the QWERTY keyboard to quit MixView, or if the computer is off, turn it on and hit the keyboard **[Esc]** key to abort the MixView boot-up.
2. Insert the MixView Install Disk into the floppy drive.
3. At the DOS prompt (C:\> or similar) type the following line:  
*a:install*  
followed by the keyboard **[Enter]** key.
4. Follow the prompts. After all the files are copied and uncompressed, you will be asked to remove the floppy disk and reboot the computer.