XMON EUCON™ Software Application Guide

Safety Compliance

Safety Statement

This equipment has been tested to comply with USA and Canadian safety certification in accordance with the specifications of UL 60065, 7th Ed., 2007-12-11; CAN/CSA C22.2 No. 60065-03, 1st Ed., 2006-04 + A1:2006; EN 60065:2002 +A1:2006 +A11:2008 + A2:2010 + A12:2011; IEC 60065:2001 + A1:2005 + A2:2010. Avid Technology Inc., has been authorized to apply the appropriate NRTL mark on its compliant equipment.

Warning

Important Safety Instructions

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this equipment near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other equipment (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect power cords from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the equipment.

11) Only use attachments/accessories specified by the manufacturer.

12) For products that are not rack-mountable: Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid injury from tip-over.

13) Unplug this equipment during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, does not operate normally, or has been dropped.

15) For products that are a Mains powered device:

The equipment shall not be exposed to dripping or splashing and no objects filled with liquids (such as vases) shall be placed on the equipment.

Warning! To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

16) For products containing a lithium battery:

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

17) For products with a power switch:

The main power switch is located on the back panel of the D-Control; it should remain accessible after installation.

18) The equipment shall be used at a maximum ambient temperature of 40° C.

Do not attempt to service the equipment. There are no user-serviceable parts inside. Please refer all servicing to authorized Avid personnel.

WARNING

To reduce the risk of electric shock, do not expose this equipment to rain or moisture.

Any attempt to service the equipment will expose you to a risk of shock and will void the manufacturer's warranty.

SPECIAL WARNING REGARDING VENTILATION:

Do not install XMON anywhere or in any way that blocks free air flow at any time around the back panel of the unit.

SPECIAL WARNING REGARDING AMBIENT TEMPERATURE:

Before powering on the unit, be sure to allow it to reach room temperature. The unit includes some components that are sensitive to cold temperatures, so it is recommended that you unpack the unit and allow it to acclimate before turning it on for the first time.

Contents

Chapter 1: Introduction to the XMON EUCON Software Application

The XMON EUCON™ Software Application is a simple EUCON-enabled utility that lets you control the XMON hardware from an Avid S6, MC Pro or System 5-MC control surface. Once configured, the Control Room and Monitor section can be locked to XMON, letting you continue to control XMON monitoring from the control surface while switching to other software applications and workstations.

This guide provides installation and connection instructions for all systems, as well as operational instructions and examples using XMON EUCON with MC Pro.

To learn how to use XMON with Avid D-Control or D-Command work surfaces, see the guides that came with the control surface.

System Requirements and Compatibility

Avid can only assure compatibility and provide support for hardware and software it has tested and approved.

For downloads and other Avid resources, visit:

www.avid.com/compatibility

What's Included

The following items are included with your XMON monitoring solution package:

- XMON unit
- XMON power connector
- Control Cable Breakout Adapter (for use with XMON EUCON control)
- USB-to-MIDI adapter

About This Guide

Conventions Used in This Guide

All of our guides use the following conventions to indicate menu choices and key commands:

Convention	Action
File > Save	Choose Save from the File menu
Control+N	Hold down the Control key and press the N key
Control-click	Hold down the Control key and click the mouse button
Right-click	Click with the right mouse button

The names of Commands, Options, and Settings that appear on-screen are in a different font.

The names of hardware switches on S6, System 5-MC and MC Pro hardware are in bold (such as **SEL**).

The following symbols are used to highlight important information:

User Tips are helpful hints for getting the most from your system.

Important Notices include information that could affect your data or the performance of your system.

Shortcuts show you useful keyboard or mouse shortcuts.

Cross References point to related sections in this guide and other Avid guides.

About www.avid.com

The Avid website (www.avid.com) is your best online source for information to help you get the most out of your system. The following are just a few of the services and features available.

Product Registration Register your purchase online.

Support and Downloads Contact Avid Customer Success (technical support); download software updates and the latest online manuals; browse the Compatibility documents for system requirements; search the online Knowledge Base or join the worldwide Pro Tools community on the User Conference.

Training and Education Study on your own using courses available online or find out how you can learn in a classroom setting at a certified Pro Tools training center.

Products and Developers Learn about Avid products; download demo software or learn about our Development Partners and their plug-ins, applications, and hardware.

News and Events Get the latest news from Avid or sign up for a product demo.

XMON Interface

XMON Front Panel

Figure 1. XMON front panel

Power Switch

The Power switch applies power to the XMON Interface.

Mute Indicator

The Mute indicator shows the mute status of XMON.

MIDI Receive Indicator

The MIDI Receive indicator shows MIDI activity between XMON and the control surface.

Mute

The Mute switch mutes all XMON outputs. It is not possible to unmute XMON with this switch. The XMON mute state can only be cleared from the Monitor section of your control surface.

XMON Back Panel

The back panel of the XMON interface includes connectors for all external analog audio inputs and outputs, power, and control (15-pin D-Sub).
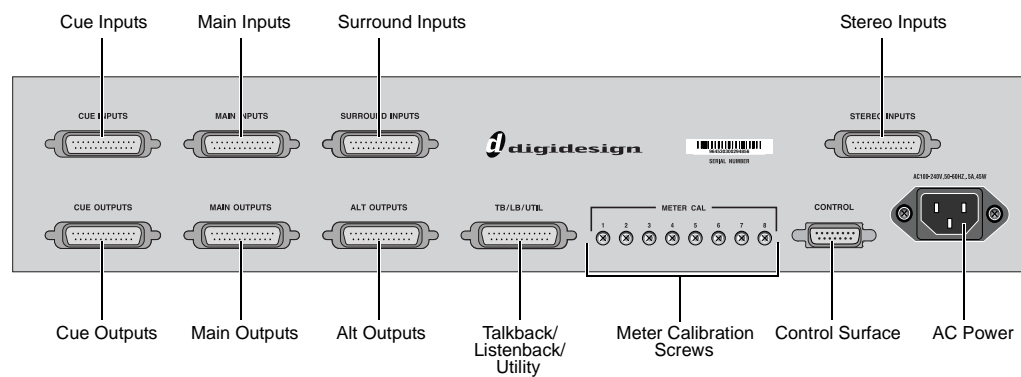
Figure 2. XMON back panel

Chapter 2: Installing XMON

This chapter includes the following:

- Making audio connections
- Installing the USB-to-MIDI Adapter
- Connecting the Control Cable Breakout Adapter
- Connecting a Talkback microphone
- Installing and configuring the XMON EUCON Software Application

Making Audio Connections
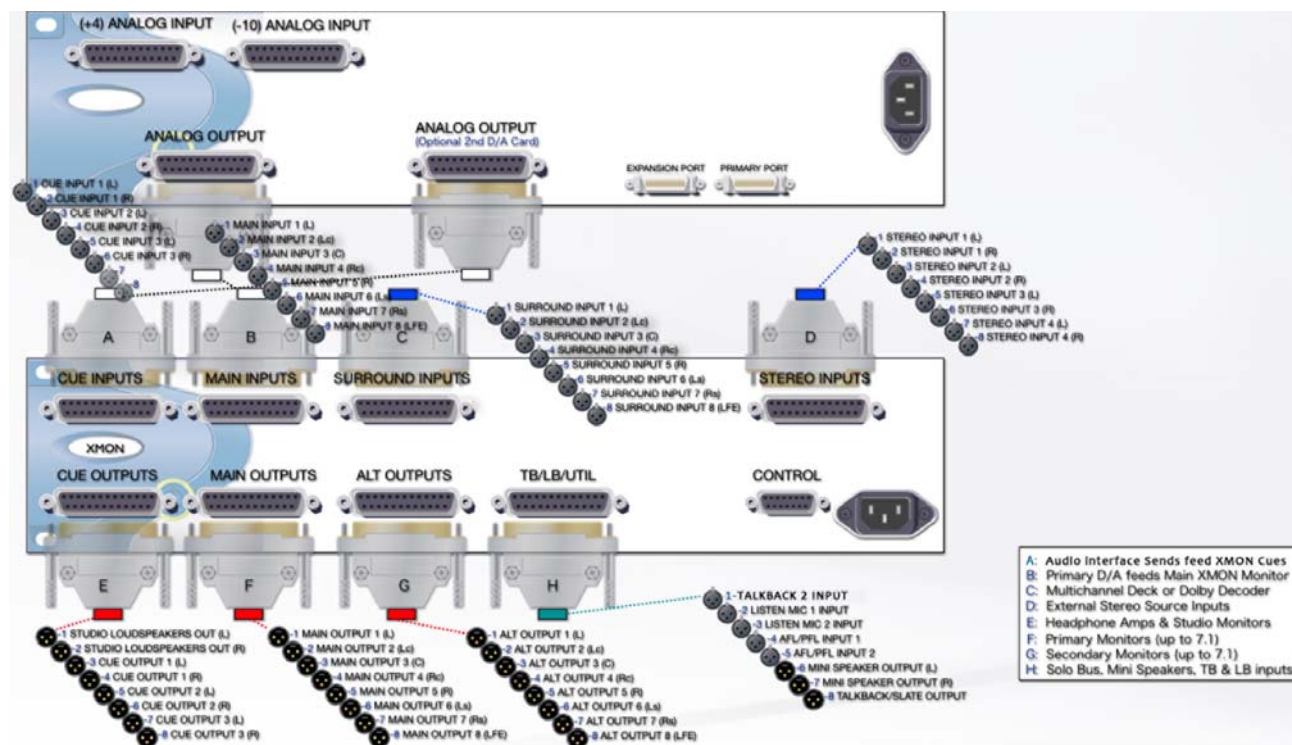
Figure 3. XMON audio connections

💡 *Not all connections are supported with other Avid control surfaces.*

Monitoring is based on the XMON analog interface, which is remotely controlled from the XMON EUCON Software Application and the Avid S6 or MC Pro Control Room section. All supported audio inputs and outputs for control room monitoring and studio communication are connected to the XMON interface.

All audio connections are made with standard DB-25 connectors. See Appendix A, "DB-25 Connectors" for wiring convention and pinout tables.

💡 *XMON provides 18V phantom power for the Talkback 2 Mic that connects via the DB-25 connector. The Talkback 1 mic, which is carried on the 15-pin Control Cable, requires an external phantom power supply.*

XMON-to-Pro Tools|HD Audio Wiring Diagram

The following diagram shows basic XMON connections for a Pro Tools|HD system with an HD I/O that has 16 analog outputs.
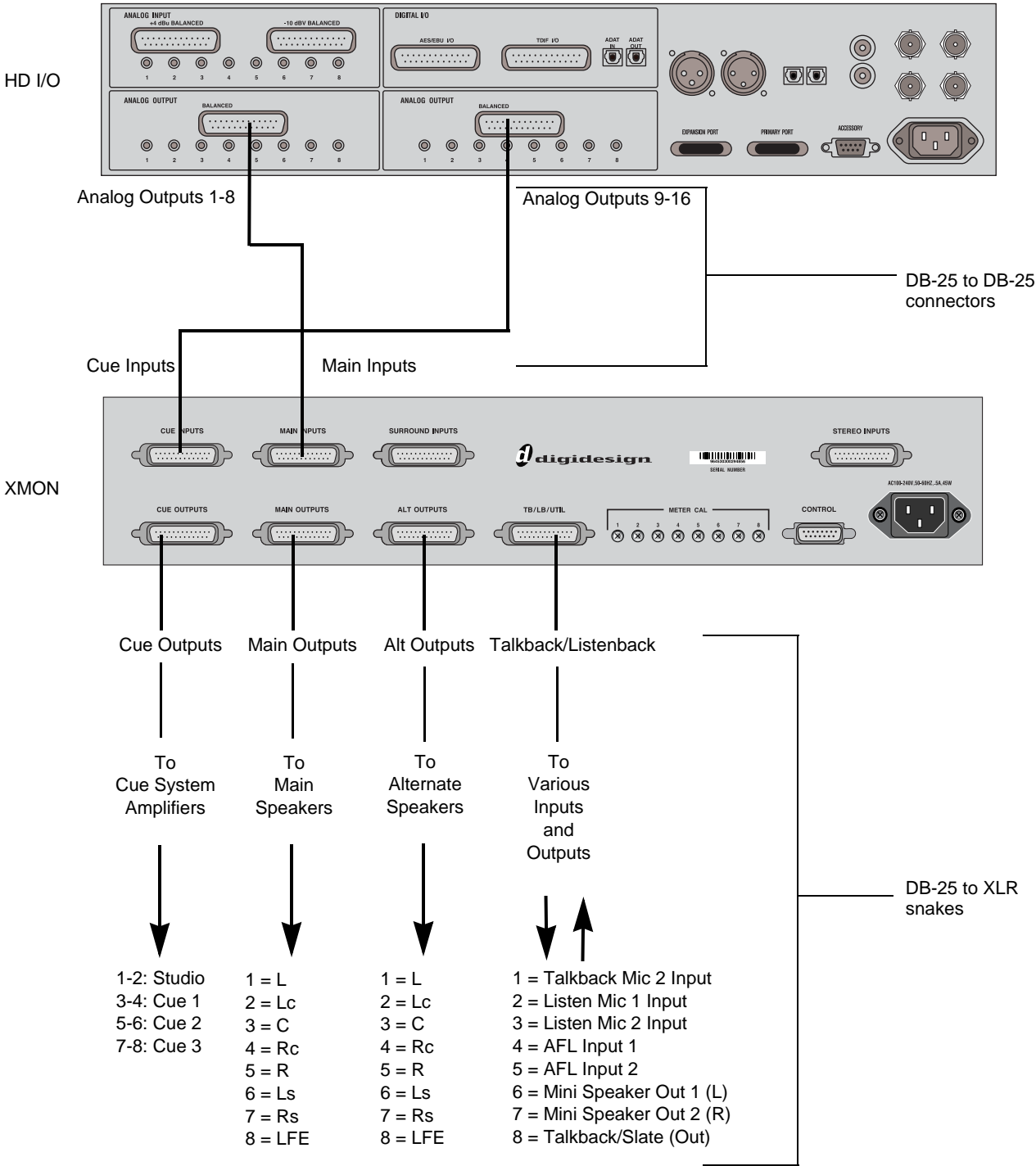
Figure 4. Wiring diagram for HD I/O and XMON

💡 *Not all channels shown are supported by the XMON EUCON Software Application.*

Installing the USB-to-MIDI Adapter

Install the included USB-to-MIDI adapter according to the instructions provided with it.

Connecting the Control Cable Breakout Adapter

The Control Cable Breakout Adapter lets the XMON EUCON Software Application communicate with and control the XMON hardware. It also provides an audio connection for the XMON Talkback 1.

To connect the Control Cable Breakout Adapter and USB-to-MIDI adapter:

1 Connect the 15-pin end of the Control Cable Breakout Adapter to the **Control** port on the back panel of the XMON hardware.

2 Connect the **MIDI OUT** cable from the USB-to-MIDI adapter to the **MIDI IN** port on the Control Cable Breakout Adapter.

3 Connect the **MIDI IN** cable from the USB-to-MIDI adapter to the **MIDI OUT** port on the Control Cable Breakout Adapter.

4 MC Pro and System 5-MC Only: Use a 1/4-inch TRS cable (not included) to connect the **Headphone Out** on the Control Cable Breakout Adapter to the **Headphone** jack on your control surface:

MC Pro Connect to the Headphone jack on the back of the MC Pro

System 5-MC Connect to the Headphone jack on the bottom of the System 5-MC frame.

Connecting a Talkback Microphone

The XMON EUCON Software Application supports both of the Talkback channels (1 and 2) available on XMON.

Talkback 1 Connects as part of the 15-pin Control Cable. Does not provide phantom power.

Talkback 2 Connects via DB-25 cable to the XMON TB/LB/UTIL port. Talkback 2 provides +18V phantom power.

Use the following instructions to connect Talkback as appropriate for your talkback mic requirements.

To connect a Talkback microphone:

1 Do one of the following, depending on your control surface:
   • On MC Pro/S5-MC, connect an XLR cable to the **Talkback Microphone** output.
   • On S6, connect an XLR cable to the **Talkback Thru** port on the back of the Master Module.

2 Do one of the following, depending on the type of microphone you want to use for talkback:

48V To use a microphone that requires 48V phantom power, connect the other end of the cable to the input of a phantom power supply (not included). For 48V, you must use an external phantom power supply. Connect the output of the phantom power supply to the **Talkback** input (Talkback 1) on the Control Cable Breakout Adapter.

18V To use a microphone that requires 18V (such as a low-power condenser), connect the other end of the XLR cable to the **Talkback 2 Microphone** input on the back panel of the XMON hardware (on the TB/LB/UTIL DB-25 connector).

Installing and Configuring the XMON EUCON Software Application

The XMON EUCON Software Application installer includes Mac or Windows drivers that integrate with the applications you use with XMON.

To install the XMON EUCON Software Application:

1 Do one of following as appropriate for your system:

MC Pro and S5-MC On the XMON EUCON Software Application disc, double-click the XMON Install.pkg file (Mac) or SetupX-MON.exe (Windows).

S6 XMON EUCON is included with the S6 WS installer. Download the WS (workstation) installer from your Avid Master Account and launch it.
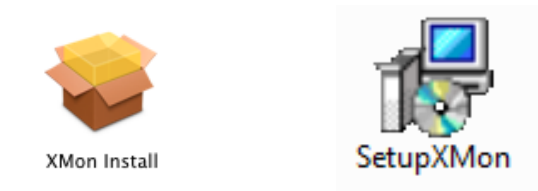
Mac (left) and Windows (right) installer icons for MC Pro and S5-MC (only)

2 Follow the on-screen instructions to complete installation.

Selecting a MIDI Port

The XMON EUCON Software Application uses a MIDI port to communicate with the XMON hardware. The Mac and Windows versions of XMON select this port differently.

💡 *Pro Tools users must deselect the MIDI device that XMON uses in Setup>MIDI>Input Devices.*

Mac

Right-click the XMON icon in the dock and select a MIDI port from the Select MIDI port menu. If you are using the included MIDI device, select it. Otherwise, select another MIDI port.
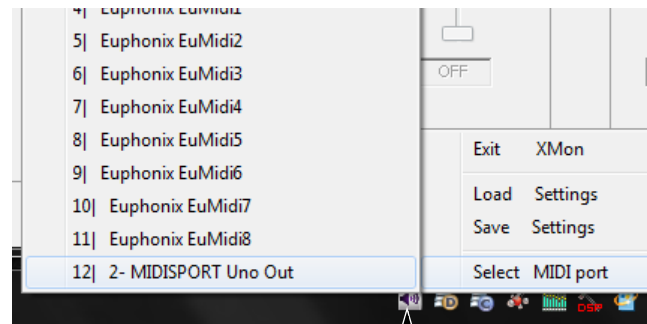
XMON icon   XMON icon

Mac (left) and Windows (right) MIDI Port selection

Windows

In Windows, click the XMON icon in the task tray and select a MIDI port from the Select MIDI port menu. If you are using the included MIDI device, select it. Otherwise, select another MIDI port.

Locking the Surface to XMON

💡 *The following instructions are specific to MC Pro and System 5-MC. For Avid S6, see the S6 Guide (included with other S6 documentation in the download available in your Avid Master Account.*

The Control Room and Monitor section of the MC Pro control surface must be locked to the XMON software application to retain control of the studio levels while other applications or another workstation is in focus.

To lock the Control Room section to the XMON EUCON Software Application:

1 Make sure the MC Pro is attached to the workstation running the XMON EUCON Software Application.

2 Make sure the XMON EUCON Software Application is *in focus* (i.e., the front-most application).

The MC Pro Touchscreen displays that application's name in the top-left corner.

3 Press the **SETUP** button in the Control Room section of the MC Pro control surface.

4 On the Touchscreen, select the Locking tab.
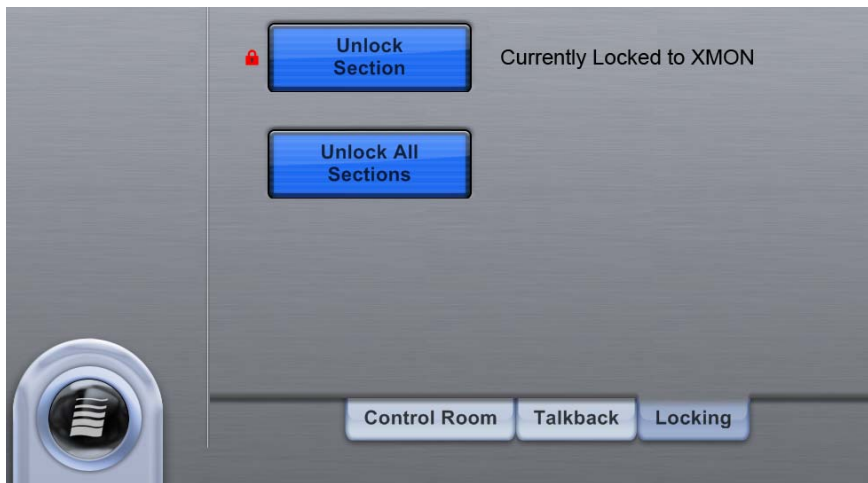
Figure 5. MC Pro Locking tab

5 Press the Lock Section button on the screen.

A lock icon appears to the left of the button, which is now labeled Unlock Section. The software to which it is locked is listed to the right of the button.

6 To unlock the section, press the Unlock Section button.

The locking action can be achieved using a keyboard and control surface shortcut:

1 Make sure the XMON EUCON Software Application is in focus.

2 Press and hold the computer keyboard Shift key, and then press the **SETUP** key in the MC Pro Control Room section.

The **SETUP** keys in both the Control Room and Monitor sections light dimly to indicate they are locked to an application.

Chapter 3: Using XMON

XMON to EUCON Mapping

This section clarifies the terminology used for the XMON and Avid S6, MC Pro/System 5-MC hardware.

💡 *Not all connections are supported on all Avid control surfaces. See the documentation that came with your S6 or other control surface for more information.*

Control Room

The Control Room section of the MC Pro/System 5-MC can route input sources to three sets of outputs.

Main Spkrs Routes selected source(s) to the **Main 1–8** (7.1-channel) outputs on the XMON hardware.

Alt 1 Spkrs Routes selected source(s) to the **Alt 1–8** (7.1-channel) outputs on the XMON hardware.

Alt 2 Spkrs Feeds selected source(s) to the **Mini 1–2** (stereo) outputs on the XMON hardware located on the **TB/LB/UTIL** connector (XLR-M 6–7).

Monitors A–D

Monitor A Controls the output level of **Headphones 1–2** located on the Control Cable Breakout Adapter.

Monitor B Controls the output level of **STLS Output 1–2** located on the **CUE OUTPUTS** connector (XLR-M 1–2) on the back of the XMON hardware.

Monitor C Controls the output level of **Cue Output 1–2** located on the **CUE OUTPUTS** connector (XLR-M 3–4) on the back of the XMON hardware.

Monitor D Controls the output level of **Cue Output 3–4** located on the **CUE OUTPUTS** connector (XLR-M 5–6) on the back of the XMON hardware.

Selecting Sources from MC Pro

The MC Pro surface lets you assign XMON input sources to the Control Room and Monitor outputs.

💡 *For Avid S6, see the S6 Guide (included with other S6 documentation in the download available in your Avid Master Account).*

Control Room

To select input sources for the Control Room:

1 Press the **SETUP** key in the Control Room section of the MC Pro surface. The Touchscreen that appears displays the available sources across the top row in blue.

Figure 6. MC Pro Control Room Setup Touchscreen

2 Press a gray button directly below a source to toggle the corresponding source on.

3 Press a yellow button directly below a source to toggle the corresponding source off. In the figure above, only the Main source is active. The yellow On button (below the surface graphic) is only active when at least one source is active. This button toggles all currently assigned sources off/on.

4 You can re-order the blue sources by clicking on one and re-selecting another source.
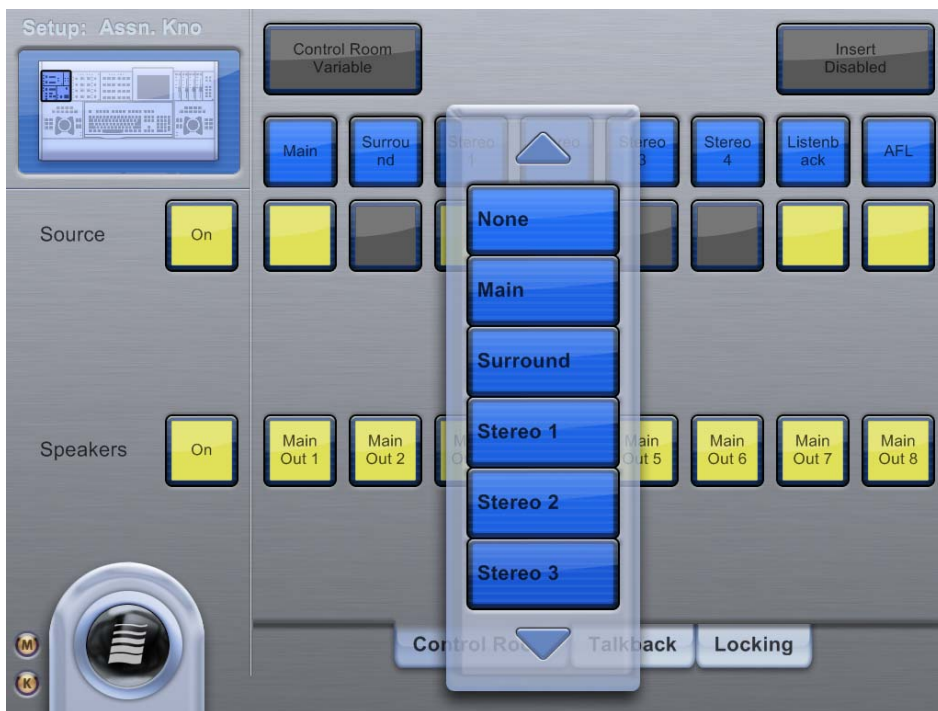
Figure 7. Re-ordering the sources

💡 *The Monitor and Control Room source selectors are always in Sum mode. Selecting a new source does not turn off the previously selected source(s).*

Control Room Sources

The following input sources are available for the Control Room:

- Main
- Surround
- Stereo 1
- Stereo 2
- Stereo 3
- Stereo 4
- Listenback
- AFL

Monitors A–D

To select input sources for the four Monitor feeds:

1 Press the **SETUP** key in the Control Room section of the MC Pro surface.

   The Setup: Monitor Touchscreen displays the available sources in the Monitor Source column.

2 Touch a source in the list to activate it for the Monitor feed.

   Active sources are dark blue, inactive sources are light blue.

Choosing Monitor A sources

Monitor A–D Sources

The following input sources are available for Monitor A–D:

- Control Room L/R
- Talkback
- Cue 1 (Monitor A, B, and C)
- Cue 2 (Monitor A, B, and D)
- Cue 3 (Monitor A and B)

Setting Control Room, Monitor, and Dim Levels

💡 *The following instructions are specific to MC Pro and System 5-MC. For Avid S6, see the S6 Guide (included with other S6 documentation in the download available in your Avid Master Account.*

Control Room Levels

The MC Pro main **Control Room** knob adjusts the playback level for the three Control Room output feeds independently.

To adjust the level of the Main Spkrs (7.1), Alt 1 Spkrs (7.1), or Alt 2 Spkrs (Stereo):

1 Select **Main Spkrs, Alt 1 Spkrs,** or **Alt 2 Spkrs** below the MC Pro **Control Room** knob.

2 Adjust the Control Room knob to the desired playback level for the selected speaker feed.

Pressing the Control Room knobtop cuts (mutes) the selected Speaker feed.

Monitor Levels

The MC Pro Monitor section provides two knobs to adjust the Monitor A–D levels. Pressing the knobtop down cuts (mutes) the level, and pressing it again restores the previous Monitor level. The up/down arrow buttons to the right of the Monitor knobs toggle between adjusting Monitor A and B or Monitor C and D. The scribble strips and surface indicate which pair is currently selected.

Dim Level

The MC Pro Control Room **DIM** key attenuates the output to the Dim level you previously specified. The **DIM** key toggles on and off, and is lit when active. The **DIM** key can exhibit momentary or latch button behavior.

To adjust the Dim level using latch behavior:

1 Press and quickly release the **DIM** key so it is lit.

2 Adjust the Control Room knob to the desired amount of attenuation.

3 Press and quickly release the **DIM** key so it is not lit.

To adjust the Dim level using momentary behavior:

1 Press and hold the **DIM** key down. The Control Room level dims temporarily.

2 Adjust the Control Room knob to the desired amount of attenuation.

3 Release the **DIM** key and the Control Room level returns to normal illumination.

Speaker Management

The following instructions are specific to MC Pro and System 5-MC. For Avid S6, see the S6 Guide (included with other S6 documentation in the download available in your Avid Master Account.

Speaker Mapping

The Speakers buttons at the bottom of the Control Room Setup screen correspond to the eight outputs for the currently selected Control Room feed: Main, Alt, Mini.

When Alt 2 Spkrs is selected on the MC Pro, the Control Room Setup screen speaker selector array shows only the two speakers for the Mini output feed.

Speakers On and Off

The Speakers outputs are toggled on and off by clicking the eight buttons on the Control Room Setup screen.

- A yellow button indicates the speaker output is on.
- A gray button indicates the speaker is off.

Turning Control Room Speakers on and off

Master Speaker On and Off

The far left Speakers button (labeled On in the figure above) is a master speaker on/off toggle switch.

- Clicking the yellow On button turns all speakers off.
- Clicking the gray Off button toggles speakers on that were previously active before the Off button was pressed.

Additional Information

The following XMON features are currently not supported in the XMON EUCON Software Application:

- Linking Monitor Output levels
- Output level trim mode
- Calibration mode
- Mono Switch
- Individual Output Trim Mode
- Broadcast Mode for AFL and PFL monitoring
- Cue Outputs 5–6 are not accessible via EUCON
- Headphone / Cue Talkback Dim
- Auto Talkback Mode
- Listen Mic level Control
- Listen Mic Select Switches

Appendix A: DB-25 Connectors

This section shows a wiring diagram for each of XMON's eight DB-25 connectors, and their pinout tables.

Wiring Diagram
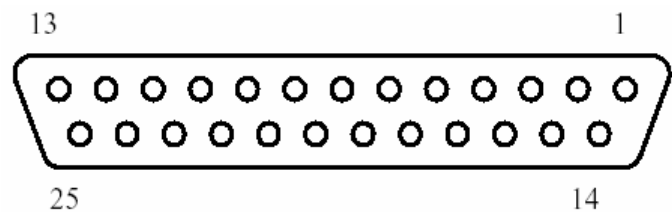
DB-25 connector (user view)

Connector Pinout Tables

Cue Inputs

Signal Name	Pin#	Signal Type
Cue Input1	24	Input+
	12	Input-
	25	GND
Cue Input2	10	Input+
	23	Input-
	11	GND
Cue Input3	21	Input+
	9	Input-
	22	GND
Cue Input4	7	Input+
	20	Input-
	8	GND
Cue Input5	18	Input+
	6	Input-
	19	GND
Cue Input6	4	Input+
	17	Input-
	5	GND
Not Connected	15	NC
	3	NC
	16	GND
Not Connected	1	NC
	14	NC
	2	GND
GND	13	
	26	GND
	27	

Surround1 Inputs

Signal Name	Pin#	Signal Type
Surround Input1-1	24 12 25	Input+ Input- GND
Surround Input1-2	10 23 11	Input+ Input- GND
Surround Input1-3	21 9 22	Input+ Input- GND
Surround Input1-4	7 20 8	Input+ Input- GND
Surround Input1-5	18 6 19	Input+ Input- GND
Surround Input1-6	4 17 5	Input+ Input- GND
Surround Input1-7	15 3 16	Input+ Input- GND
Surround Input1-8	1 14 2	Input+ Input- GND
GND	13 26 27	GND

Surround2 Inputs

Signal Name	Pin#	Signal Type
Surround Input2-1	24 12 25	Input+ Input- GND
Surround Input2-2	10 23 11	Input+ Input- GND
Surround Input2-3	21 9 22	Input+ Input- GND
Surround Input2-4	7 20 8	Input+ Input- GND
Surround Input2-5	18 6 19	Input+ Input- GND
Surround Input2-6	4 17 5	Input+ Input- GND
Surround Input2-7	15 3 16	Input+ Input- GND
Surround Input2-8	1 14 2	Input+ Input- GND
GND	13 26 27	GND

2Track Inputs

Signal Name	Pin#	Signal Type
2Track Input1	24 12 25	Input+ Input- GND
2Track Input2	10 23 11	Input+ Input- GND
2Track Input3	21 9 22	Input+ Input- GND
2Track Input4	7 20 8	Input+ Input- GND
2Track Input5	18 6 19	Input+ Input- GND
2Track Input6	4 17 5	Input+ Input- GND
2Track Input7	15 3 16	Input+ Input- GND
2Track Input8	1 14 2	Input+ Input- GND
GND	13 26 27	GND

Cue Outputs

Signal Name	Pin#	Signal Type
SLS Output L	24 12 25	Output+ Output- GND
SLS Output R	10 23 11	Output+ Output- GND
Cue Output1L	21 9 22	Output+ Output- GND
Cue Output1R	7 20 8	Output+ Output- GND
Cue Output2L	18 6 19	Output+ Output- GND
Cue Output2R	4 17 5	Output+ Output- GND
Cue Output3L	15 3 16	Output+ Output- GND
Cue Output3R	1 14 2	Output+ Output- GND
GND	13 26 27	GND

Main SPK Outputs

Signal Name	Pin#	Signal Type
Main 1 (L)	24 12 25	Output+ Output- GND
Main 2 (Lc)	10 23 11	Output+ Output- GND
Main 3 (C)	21 9 22	Output+ Output- GND
Main 4 (Rc)	7 20 8	Output+ Output- GND
Main 5 (R)	18 6 19	Output+ Output- GND
Main 6 (SurL)	4 17 5	Output+ Output- GND
Main 7 (SurR)	15 3 16	Output+ Output- GND
Main 8 (LF)	1 14 2	Output+ Output- GND
GND	13 26 27	GND

Alt SPK Outputs

Signal Name	Pin#	Signal Type
Alt 1 (L)	24 12 25	Output+ Output- GND
Alt 2 (Lc)	10 23 11	Output+ Output- GND
Alt 3 (C)	21 9 22	Output+ Output- GND
Alt 4 (Rc)	7 20 8	Output+ Output- GND
Alt 5 (R)	18 6 19	Output+ Output- GND
Alt 6 (SurL)	4 17 5	Output+ Output- GND
Alt 7 (SurR)	15 3 16	Output+ Output- GND
Alt 8 (LF)	1 14 2	Output+ Output- GND
GND	13 26 27	GND

TB/LB

Signal Name	Pin#	Signal Type
TB Input2	24 12 25	Input+ Input- GND
LB Input1	10 23 11	Input+ Input- GND
LB Input2	21 9 22	Input+ Input- GND
AFL Input1	7 20 8	Input+ Input- GND
AFL Input2	18 6 19	Input+ Input- GND
Mini Spk L	4 17 5	Output+ Output- GND
Mini Spk R	15 3 16	Output+ Output- GND
TB OUT	1 14 2	Output+ Output- GND
GND	13 26 27	GND

Appendix B: Specifications

Mechanical Specifications

S6 Mechanical Specifications	
Height	2U rack, 3.5 inches (8.89 cm)
Width	19 inches (48.26 cm)
Depth	14 inches (35.56 cm), plus 3 inches (7.62 cm) for cable access
Power	100–240 VAC, 50–60 Hz, 0.5 A
Power Connector	IEC, 3-pin North American standard
Control Connector	15-pin D-Sub

Audio Specifications

S6 Audio Specifications	
Gain Range	-90 dB to +30 dB, 1 dB steps, 0.5 dB trim
Frequency Response	20 Hz – 200 kHz, +/-0.1 dB
Maximum Input Level	0.0006 @ 1 kHz @ +15 dBu
THD+N	100–240 VAC, 50–60 Hz, 0.5 A
CMRR	>75 dB

Appendix C: Compliance Information

Environmental Compliance

Disposal of Waste Equipment by Users in the European Union

This symbol on the product or its packaging indicates that this product must not be disposed of with other waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city recycling office or the dealer from whom you purchased the product.

Proposition 65 Warning

⚠ *This product contains chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.*

Perchlorate Notice

This product may contain a lithium coin battery. The State of California requires the following disclosure statement: "Perchlorate Material – special handling may apply, See www.dtsc.ca.gov/hazardous waste/perchlorate."

Recycling Notice

EMC (Electromagnetic Compliance)

Avid declares that this product complies with the following standards regulating emissions and immunity:

- FCC Part 15 Class B
- EN55103-1 E4
- EN55103-2 E4
- AS/NZS CISPR 22 Class B
- CISPR 22 Class B

FCC Compliance for United States

Communication Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or locate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any modifications to the unit, unless expressly approved by Avid, could void the user's authority to operate the equipment.

Australian Compliance

N1709

Canadian Compliance

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le material brouilleur du Canada.

CE Compliance

(EMC and Safety)

CE 97

Avid is authorized to apply the CE (Conformité Europénne) mark on this compliant equipment thereby declaring conformity to EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.