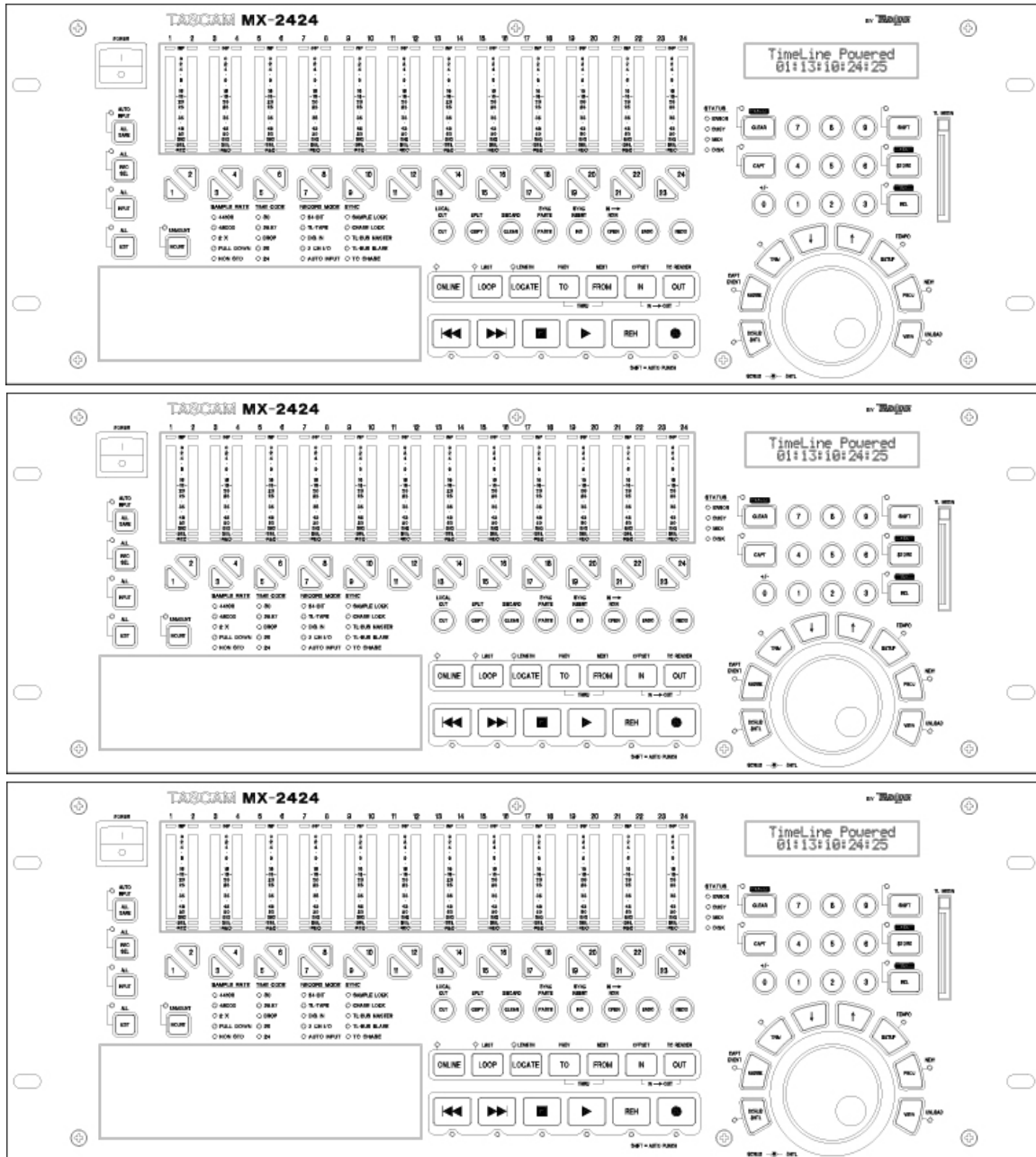


Installing The MX-2424

Multiple units can be mounted on top of each other when forced air rack ventilation is provided. a one inch clearance is required on both sides of the MX-2424 (**even in single-unit installations**). In facilities with raised computer-room style flooring, a ventilation opening in the floor is recommended. In no case should the internal rack temperature ever exceed 100 degrees Fahrenheit (43 degrees Centigrade) during operation (as measured at the rear of any MX-2424 in the system).



When mounting MX-2424's on top of each other in a rack the feet may be removed by unscrewing them.

To replace the feet:

1. Insert the fastener into the foot
2. Snap the fastener & foot back into the hole in the bottom of the MX-2424 chassis
3. Snap the screw into the fastener's hole

CONNECTING THE MX-2424

Following is a listing/description of cables required to make connections to the MX-2424. Please note that while some cables look similar in appearance they may be wired/constructed very differently. Always use the correct cable!

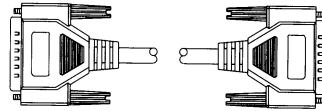
[53] Analog Multi-Track Connections

To connect the inputs/outputs of an analog device with balanced DB25 connectors to the analog inputs/outputs of the IF-AN24 if installed in the MX-2424 (NOTE: This is not a TDIF or AES/EBU cable.):

CU/SD103 DB25(M) – DB25(M) 3 Meters

CU/SD105 DB25(M) – DB25(M) 5 Meters

⇒ 8 Channels, input or output per cable

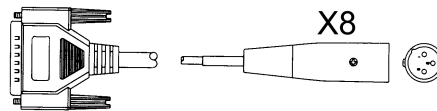


To connect the outputs of the IF-AN24 if installed in the MX-2424 to the inputs of an analog device with XLR connectors:

CU/SD203 DB25(M) – XLR(M) 3 Meters

CU/SD205 DB25(M) – XLR(M) 5 Meters

⇒ 8 Channels per cable

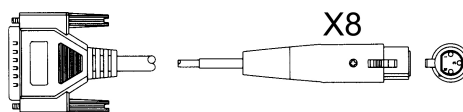


To connect the outputs of an analog device with XLR connectors to the inputs of the IF-AN24 if installed in the MX-2424:

CU/SD303 DB25(F) – XLR(F) 3 Meters

CU/SD303 DB25(F) – XLR(F) 5 Meters

⇒ 8 Channels per cable

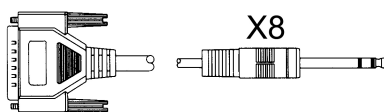


To connect the inputs/outputs of an analog device with balanced 1/4" TRS connectors to the analog inputs/outputs of the IF-AN24 if installed in the MX-2424:

CU/SD403 DB25(M) – 1/4" TRS(M) 3 Meters

CU/SD405 DB25(M) – 1/4" TRS(M) 5 Meters

⇒ 8 Channels, input or output per cable

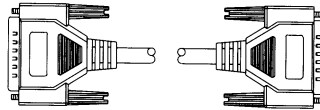


[52] Digital Multi-Track Connections

To connect digitally to another device using TDIF connections when the IF-TD24 is installed in the MX-2424 (NOTE: This is not an AES/EBU or analog cable.):

CU/PW88DS	TDIF Cable	0.5 Meter
CU/PW88D	TDIF Cable	1 Meter
CU/PW88DM	TDIF Cable	3 Meters
CU/PW88DL	TDIF Cable	5 Meters

⇔ 8 Channels, input and output per cable



To connect digitally to another device using Adat Optical connections when the IF-AD24 is installed in the MX-2424:

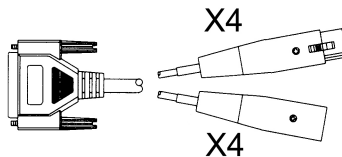
CU/ADOP03	Fiber-Optic Cable	1 Meter
CU/ADOP06	Fiber-Optic Cable	2 Meters
CU/ADOP16	Fiber-Optic Cable	5 Meters

⇒ 8 Channels, input or output per cable

To connect digitally to another device using AES/EBU connections when the IF-AE24 is installed in the MX-2424:

CU/AES825	AES/EBU DB25(M) – XLR(M) x 4 and XLR(F) x 4	8 Meters
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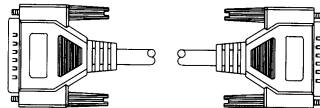
⇔ 8 Channels, input and output per cable



CU/AES2503	AES/EBU DB25(M) – AES/EBUDB25(M)	1 Meter
CU/AES2510	AES/EBU DB25(M) – AES/EBUDB25(M)	3 Meters
CU/AES2516	AES/EBU DB25(M) – AES/EBUDB25(M)	5 Meters

(NOTE: This is not a TDIF or analog cable.)

⇔ 8 Channels, input and output per cable



[55] AES/EBU Stereo Digital Audio Connections

To connect digitally to another stereo device using AES/EBU (XLR) connections:

CU/AES103	XLR(M) – XLR(F) 110 Ohm	1 Meter
CU/AES110	XLR(M) – XLR(F) 110 Ohm	3 Meters
CU/AES116	XLR(M) – XLR(F) 110 Ohm	5 Meters

[54] SPDIF Connections

To connect digitally to another stereo device using SPDIF (Coaxial) connections:

CU/SPD106	Double-Shield Coax 75 Ohm RCA – RCA	2 Meters
CU/SPD110	Double-Shield Coax 75 Ohm RCA – RCA	3 Meters
CU/SPD113	Double-Shield Coax 75 Ohm RCA – RCA	4 Meters

[58] Remote Connection

This cable comes with the RC-2424.

[56] Footswitch Connection

This cable is already attached to the footswitch or LRC.

[59] TL-Bus Connection

This cable is used to synchronize MX-2424's on the TL-Bus:

CU/MXBUS01	1 Meter
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[61] Video Sync In/Thru Connections

This cable is used to connect to another device to provide video sync to the MX-2424:

CU/BB102	BNC – BNC 75 Ohm RG59	2 Meters
CU/BR202	BNC – RCA 75 Ohm RG59	2 Meters

[62] Net Connection

Category 5 Ethernet cables are used to connect the MX-2424 to a computer running the ViewNet application. When connecting directly to a computer a Crossover Cable is used. When connecting to a computer through an Ethernet hub a Straight Cable is used.

[63] SCSI Connection

Please refer to *SCSI & The MX-2424* for detailed information about SCSI cables.

[57] Word Clock In/Out/Thru Connections

This cable is used to digital word clock connections between other equipment and the MX-2424:

CU/BB102	BNC – BNC 75 Ohm RG59	2 Meters
CU/BR202	BNC – RCA 75 Ohm RG59	2 Meters

[51] Time Code In/Out/Thru Connections

This cable is used for time code connections between other equipment and the MX-2424:

CU/AB202	¼" TRS(M) – ¼" TRS(M)	2 Meters
CU/AB203	¼" TRS(M) – ¼" TRS(M)	3 Meters
CU/AB205	¼" TRS(M) – ¼" TRS(M)	5 Meters

⇔ For time code in/out of the MX-2424.

CU/AB302	XLR(M) – ¼" TRS(M)	2 Meters
CU/AB303	XLR(M) – ¼" TRS(M)	3 Meters
CU/AB305	XLR(M) – ¼" TRS(M)	5 Meters

⇒ For time code output from the MX-2424 to a device with XLR time code connections

CU/AD402	XLR(F) – ¼" TRS(M)	2 Meters
CU/AD403	XLR(F) – ¼" TRS(M)	3 Meters
CU/AD405	XLR(F) – ¼" TRS(M)	5 Meters

⇒ For time code input to the MX-2424 from a device with XLR time code connections

[60] MIDI In/Out/Thru Connections

This cable is used for MIDI connections between the MX-2424 and other equipment.

CU/MD201	0.3 Meter
CU/MD203	1 Meter
CU/MD205	1.5 Meters
CU/MD210	3 Meters
CU/MD215	4.5 Meters
CU/MD220	6 Meters
CU/MD225	7.5 Meters

[64] IEC 3-Prong AC Connection

This is where the power cord goes.

CU/PWCD8	MX-2424 to wall outlet power cord This is a standard 3-prong power cord.	2.5 Meters
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