



A U T O G R A P H

*Signature Series*

**XMADI-1  
MADI CHANGEOVER SYSTEM**

**USER MANUAL  
V1.2  
Rev B**



# AUTOGRAPH

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## INTRODUCTION

Congratulations on purchasing the Autograph XMADI-1 (Rev B) Changeover system.

The XMADI-1 MADI Changeover System was developed as a simple and efficient way to switch between redundant backup MADI sources at the push of a button. The unit consists of a 1U 19" rack-mount case that can accept four MADI streams which can be switched to two outputs each with a mirrored connector. This allows the switched output to be sent to two different locations such as redundant mixing console engines.

- Two independent 2x1(+1) MADI changeover devices
- 48KHz 24bit operation up to 64 channels per MADI stream
- 96KHz 24bit operation up to 32 channels per MADI stream
- Remote switching to allow sync with XUSB-2 PC Changeover

Should you experience any problems with your XMADI-1 please contact:

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## IMPORTANT SAFETY PRECAUTIONS

This section contains definitions, warnings, and practical information to ensure a safe working environment. Please take time to read this section before installing or using this unit. Please do not dispose of these instructions.

### General Safety

Read these instructions.

- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Do not expose this apparatus to rain or moisture.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- There are no user-adjustments, or user-servicable items, inside this apparatus. Do not remove the covers of this apparatus; doing so will invalidate your warranty.
- Adjustments or alterations to this apparatus may affect the performance such that safety and/or international compliance standards may no longer be met.

### Caution

- Hazardous voltages may be present inside this apparatus.
- Do not operate this apparatus with the covers removed.
- To reduce the risk of electric shock, do not perform any servicing other than that contained in these Installation Instructions unless you are qualified to do so. Refer all servicing to qualified service personnel and ensure that all power cords are disconnected when servicing this apparatus.

### Power Safety

- This apparatus is fitted with a universal power supply, approved and certified for operation in this apparatus. There are no user-replaceable fuses.
- Multiple power cords may be supplied with this unit – use only the power cord appropriate to your local power wiring. Alternative power cords may be used if rated 2.5A or above and fitted with a 3-pin IEC320 connector.
- An external over-current protection device is required to protect the wiring to this apparatus. This protection device must be installed according to current wiring regulations. In certain countries this function is supplied by use of a fused plug.
- If an extension power cable or adaptor is used, ensure that the total power rating of the power cable and/or adaptor is not exceeded.



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- An external disconnect device is required for this apparatus; a detachable power cord, as fitted to this equipment, is a suitable disconnect device. The power socket used for this apparatus should be located nearby and be easily accessible.
- All power cords must be disconnected to isolate this apparatus completely.
- Unplug this apparatus during an electrical storm or when unused for long periods of time.

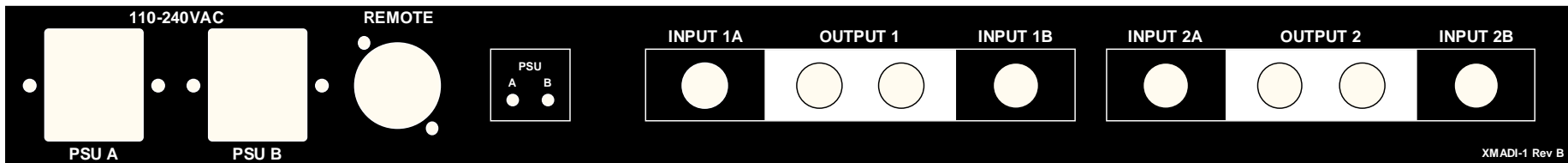
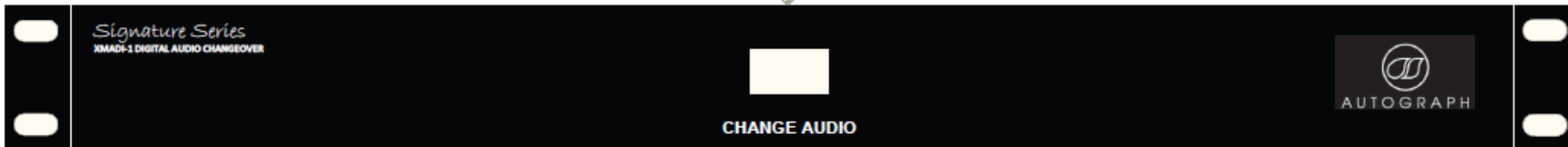
## Installation Notes

- When installing this apparatus, either fix it into a standard 19" rack or place the apparatus on a secure level surface.
- When this apparatus is rack mounted, fit all rack screws. Rack shelves are recommended for this apparatus.
- Do not operate this apparatus whilst it is covered or boxed in any way.
- Ensure that no strain is placed on the cables connecting to this apparatus. Ensure also that such cables are not placed where they can be stepped on, pulled or tripped over.



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## FRONT & REAR PANEL DRAWINGS





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## PANEL DESCRIPTIONS

### 1 Master Changeover

Activating this button will result in the unit changing all connections from Input A to Input B on both MADI streams 1 and 2. When this button is illuminated B is selected.

### 2 Mains IEC connection A

The XMADI-1 requires 110Vac – 240Vac at 50Hz main supply.

### 3 Mains IEC connection B

The XMADI-1 requires 110Vac – 240Vac at 50Hz main supply.

### 4 Remote Connector

This four pin XLR connector allows for remote changeover of the system and an additional Tally output to indicate status.

Pins 1 & 2 provide a latching contact allowing changeover of the master changeover function.

**PIN 1: GROUND**

**PIN 2: SWITCH SIGNAL**

Pins 3 & 4 provide a 12VDC Tally Output for Indicator lamps.

**PIN 3: GROUND**

**PIN 4: Tally (12VDC)**

### 5 PSU Indicators

These LED's display the operational status of each individual power supply.

### 6 Stream 1 Connections

MADI connections are available for two sources on input 1A and inputs 1B two parallel outputs are available to facilitate multiple output destinations.

### 7 Stream 2 Connections

MADI connections are available for two sources on input 2A and inputs 2B two parallel outputs are available to facilitate multiple output destinations.

### Other Notes:

This product requires mains power to operate and is fitted with dual redundant power supplies.



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