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HDMI4X1
User Manual
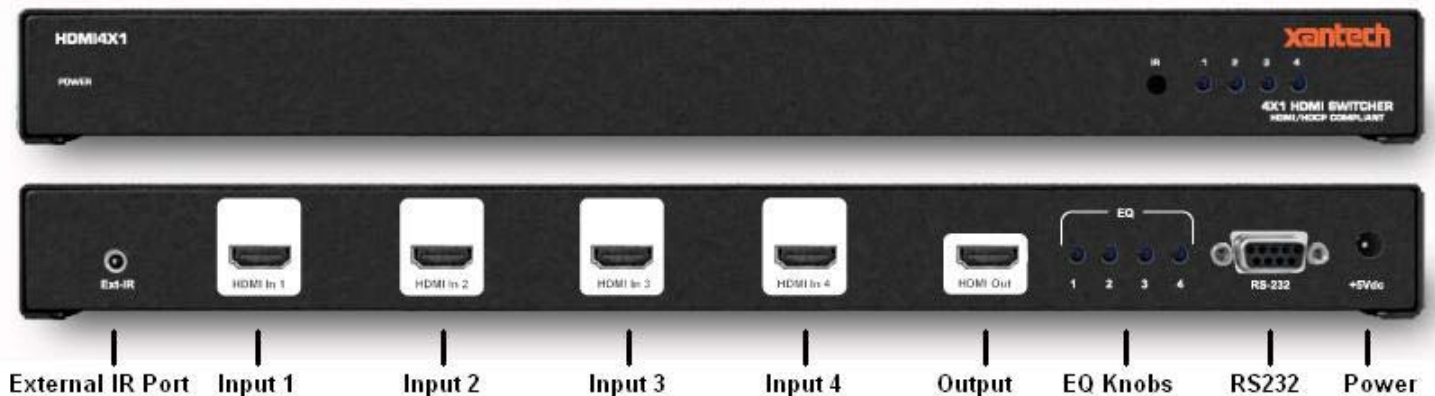
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INTRODUCTION

Congratulations on your purchase of the HDMI4X1 Switcher. The 4x1 HDMI Switcher allows access to four HDTV devices, using one HDTV display. The line offers solutions for Home Theater, AV installation, data center, information distribution, conference room presentation, school and corporate training environments.

The HDMI4X1 Switcher allows four HDTV HDMI devices to be switched easily in to one HDTV HDMI compatible monitor or projector. Simply connect your HDTV display to the Switcher's display output. The HDMI4X1 Switcher can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

- Switches easily between any four HDMI sources
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains highest HDMI single link video resolution
- Maintains highest HDMI digital audio signal
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the inputs and switcher output
- Inputs can be switched with the IR remote control or RS232 control.
- Installs in seconds

The HDMI4X1 consists of:
(1) 4x1 HDMI Switcher
(4) 6' HDMI cables (M-M)
(1) 5VDC Power Supply
(1) RMT4-IR
(1) Users Manual

INSTRUCTIONS

1 Connect the supplied cables from the HDTV HDMI sources into the 4x1 HDMI Switcher inputs.
2 Connect the cables from your display (monitor or projector) into the HDMI out of the 4x1 HDMI Switcher.
3 Plug the 5VDC power supply into the 4x1 HDMI Switcher.
* Adjust the EQ knob to remove signal noise resulting from longer input cables

How to Control the 4x1 HDMI Switcher
Use the RMT4-IR remote control to toggle between sources.

RMT4-IR INSTRUCTIONS

1. Remove battery cover from the back of the RMT4-IR remote.
2. Verify that dip switches 1 & 2 are in the down (OFF) position.
3. Insert the battery, hold the battery so that you can see the positive side facing up. The side that is not marked must be facing down.
4. Test the RMT4-IR remote by pressing ONLY one button at a time. The indicator light on the remote will flash once each time you press a button. WARNING: Do not press multiple buttons simultaneously and do NOT press buttons rapidly. These actions will cause the remote to reset and steps 1-4 will have to be repeated.
Note: The RMT4-IR ships with two batteries. One battery is required for operation, the second battery is complimentary.
The optional IR extender allows you to relocate your HDMI Switcher and still have IR control of the HDMI Switcher

IREXTENDER

1 Plug the IR extender into the Remote port on the front of the Switcher Unit
2 Flip the Dip Switch 1 underneath the unit to the ON position

RMT4-IR CODE CONFLICTS

There are matching pairs of dip switches underneath the Switcher unit and under the remote battery cover. Switch 1 & 2 on the Remote and Switch 1 & 2 underneath the unit are the matching switches. These switches need to be matched for the remote to communicate with the switcher. There are 4 possible sets of IR codes and at least one of these sets should be able to resolve any IR conflicts with other home theater devices.

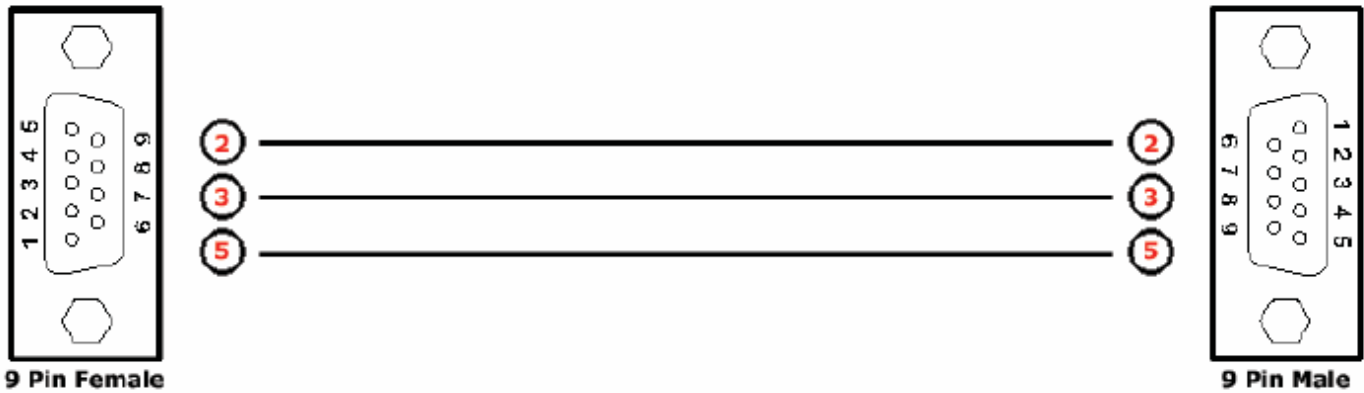## Remote

Remote Channel 1:

1 2

Remote Channel 2:

1 2

Switcher

Remote Channel 3:

1 2

Remote Channel 4:

1 2

RS232 INTERFACE

9 Pin Female — **9 Pin Male**

Binary Table

ASCII	Input	Binary
1	1	0011 0001
2	2	0011 0010
3	3	0011 0011
4	4	0011 0100

Terminal Settings

Bits per second   19200
Data bits   8
Parity   None
Stop bits   1
Flow Control   None

SPECIFICATIONS

Video Amplifier Bandwidth   1.65 GHz
Input Video Signal   1.2 volts p-p
Input DDC Signal   5 volts p-p (TTL)
Single Link Range   1080p / 1920 x 1200
Input Connector Type   HDMI
Output Connector Type   HDMI
Remote Control Port   Male RS232
Power Consumption   15 Watts (max.)
Power Supply   5VDC
Dimensions   8.25"W x 1.125"H x 2.75"D
Shipping Weight   5 Lbs

Technical Support

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Hours: 7AM-5PM Pacific   Xantech Corporation

Technical Support

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