

KanexPro™

HDSP2X4

HDMI 2 x 4 Splitter with Full HD 1080p

Setup Guide

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Notice

KanexPro™ reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

Introduction

HDMI 2 x 4 Splitter with Full HD 1080p

The KanexPro 2x4 splitter is an economical and easy to use splitter that distributes two inputs in to four identical outputs. The conforming outputs provide signal equalization and regeneration built-in to the splitter, for long distance transmission of HDMI signals up to 50 feet (15meters). In addition, the splitter is fully optimized for routing video and embedded multi-channel digital audio to multiple display environments.

Compatible with computer resolutions up to WUXGA (1920x1200 @ 60Hz), including HDTV 1080p/60. The Mini HDMI splitter fully conforms to HDMI 1.3 Specifications and is HDCP compliant.

Features:

- Distribute HDMI audio and video signals from two input to four outputs
- Splitter can be cascaded for additional HDMI inputs
- Supports data rates up to 6.75 Gbps
- Supports full HD 1080p (1920 x 1080@60Hz)
- Computer resolution up to WUXGA (1920 x1200@60Hz)
- Conforms to HDMI 1.3 specifications- (Deep color, HD lossless audio formats & Lip Sync)
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- EDID & HDCP compliant
- Front-panel control for switching the two inputs
- Front-panel LED,s for input/ output signal presence
- Rack-mountable metal enclosure
- 5VDC external power supply included

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Specifications

Interface: Input: HDMI x2
Output: HDMI x4

Operating Frequency: Video Amplifier Bandwidth of 6.75 Gbps
Vertical Frequency Range 60Hz

Maximum Resolution: 1920x1080p@60Hz

Color Depth: 12bit per channel

Power Supply: 5V DC@2A, 5W

Environmental: Operating Temperature: 0°C to +70°C
Operating Humidity: 10% to 85 % RH (no condensation)
Storage Temperature: -10°C to +80°C
Storage Humidity: 5% to 90 % RH (no condensation)

Regulatory Approvals Converter: FCC, CE, UL

Regulatory Approvals Power Supply: FCC, CE, UL

Dimensions: 10.6"x7.1"x1.6" (270x181x40mm)

Weight: 3.1lbs (1416g)

Warranty: 1 Year limited

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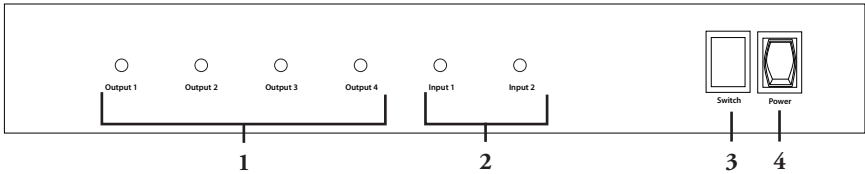
Package Contents

- 1) Splitter Unit x1
- 2) 5V DC Power Supply x1

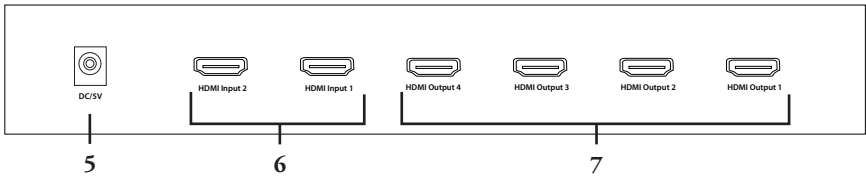
Unit Layout & Description

Transmitter

Front



Back



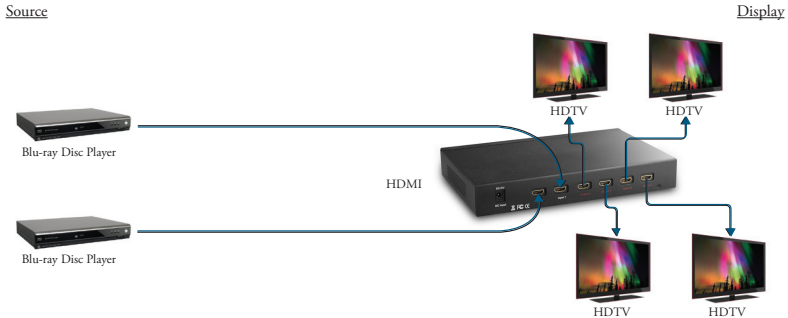
- 1) Output LED
 - a. Indicates which output is active
- 2) Input LED
 - a. Indicates which input is active
- 3) Switch Button
 - a. Press button to switch inputs (default is set to Input 1)
- 4) Power Switch
 - a. Powers the unit on/off
- 5) 5V/DC Connector
 - a. Connect the 5V power supply to this port
- 6) HDMI Input
 - a. Connect HDMI source such as gaming console, set top box, or etc
- 7) HDMI Output
 - a. Connect to HDMI display such as HDTV, projector, etc

Connection and Operation

- 1) Connect HDMI source devices(PS3, Blu-Ray Players, etc) to the HDMI input ports on the Splitter unit.
- 2) Connect HDMI displays (HDTV, Projector, Monitors, etc) to the Splitter unit.
- 3) Connect the 5V@2.5A power supply to the Splitter and power on unit.
- 4) Press the Switch button to switch Input sources from Input 1 to Input 2 (Input 1 is default setting)

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Connection Diagram



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Warranty

A. Limited Warranty

KanexPro™ warrants that (a) its products (the "Product") will perform greatly in agreement with the accompanying written materials for a period of 12 months (1 full year) from the date of receipt and (b) that the product will be free from defects in materials and workmanship under normal use and service for a period of 1 year.

B. CUSTOMER REMEDIES

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MPN: HDSP2X4

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