4K HDMI® Switchers

CHAMPION SERIES™

KD-2x1CSK

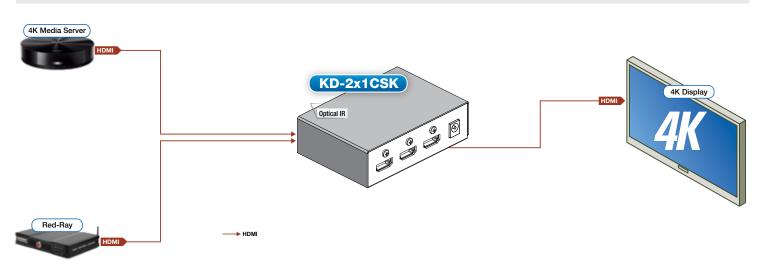2 Inputs to 1 Output HDMI Switcher, supports Ultra HD/4K

Key Features

› **Digital Switching:** 2 HDMI Sources to 1 HDMI Display

› **Resolution Support:** SD, HD, and VESA up to UHD/4K (4096x2160/60/30/24 or 3840x2160/60/30/24)

› **Ultra HD/4K:** Supports Ultra HD/4K Signal transmission

› **3D Ready:** Capability to pass 3D stereoscopic signal formats

› **Full Buffer™ System**: Manages TMDS re-clocking / signal re-generation, HDCP source & display authentication, Hot Plug Management and EDID Control handshake

› **EDID:** Internal library with 16 default EDID configurations for each input, including native EDID data for any Output/Display

› **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™

› **Deep Color Support:** Up to 12 bits/color (up to 8 bits/color@4K/60)

› **CEC:** Fully Supported

› **I2C Communication:** EDID and HDCP transparency from Display to Source

› **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies

› **Control:** Front panel push button and LEDs, Optical IR

› **Major Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, Honeywell®, HAI®, Leviton®, etc.

Specifications

» Inputs: 2 HDMI connectors
» Outputs: 1 HDMI connector
» TMDS bandwidth: 3.4 Gb/s
» DDC Signal (Data): 5 Volts p-p (TTL)
» HDMI Video/Audio Signal: 1.2 Volts p-p
» HDMI Connector: Type A, 19 Pin Female
» Mount: Shelf Mount
» Accessories: Remote Control
» Power Supply: KD-PS5V1A, 5V/1A, 100-240VAC, 50-60Hz, Interchangeable head
» Product: 3.8" x 1.2" x 2.5", Weight: 0.4 lb.
» Packaging: 6.3" x 4.2" x 3.35", Weight: 0.7 lbs.
» Regulation: CE, RoHS, WEEE
» Enclosure: Black Plastic

System Design Example