



SID-X1

4-Input Multi-Format Video over Twisted Pair Transmitter & Step-In Module



The **SID-X1** is a DGKat™ twisted pair transmitter and step-in commander for computer graphics video, HDMI, DVI, DisplayPort and unbalanced stereo audio signals. The unit includes a “Step-In” button that allows the local source to be routed as the active source on the main display through the main switcher.

FEATURES

- HDTV Compatible.
- HDCP Compliant.
- **DGKat™ Signal Integration** - Kramer’s unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance.
- **Cable** - Requires STP (shielded twisted pair) cable. For optimum range and performance, use Kramer's BC-DGKat623 or BC-DGKat7a23 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non-Kramer CAT 6 and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground.
- **Local Step-In Switching** - Button & contact closure.
- **Compatible Switcher** - VP-81SID.
- **Power Supply** - Requires independent power supply.
- **Compact MegaTOOLS™** - 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-T2B universal rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI, 1 DVI on a Molex 24-pin connector, 1 DisplayPort, 1 UXGA on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack.
OUTPUT:	1 DGK at on an RJ-45 connector.
STANDARDS:	HDMI with Deep Color, x.v.Color™ and 3D; HDCP: works with sources that support HDCP repeater mode.
MAXIMUM STEP-IN DISTANCE:	50m (164ft) up to 1080p @60Hz.
POWER CONSUMPTION:	12V DC, 800mA.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	18.8cm x 11.3cm x 2.5cm (7.4" x 4.5" x 1") W, D, H.
WEIGHT:	0.48 kg (1.1lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack adapter, RTBUS-12, RTBUS-22, SID-X1BP Kit (substitute black top plate for the SID-X1 that blends with the color of the modular TBUS-10xl), RC-10TB remote contact closure switch.

