



VS-88DTP

8x8 DVI Matrix Switcher with Twisted Pair Outputs



The VS-88DTP is a high-performance matrix switcher for DVI signals. The unit reclocks and equalizes the signal and can route any or all inputs to any or all DGKat™ twisted pair outputs simultaneously.

FEATURES

- **Max. Data Rate** - 4.95Gbps (1.65Gbps per graphic channel).
- **HDTV Compatible** - Not 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.
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal integrity to travel longer distances.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for DVI systems.
- **System Range** - Up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable; up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable; up to 90m (295ft) at 1080p on shielded BC-DGKat7a23 cable.
- **Cable** - Requires STP (shielded twisted pair) cable. For optimum range and performance, use Kramer's BC-DGKat524, 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 5, 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.
- **Flexible Control Options** - Front panel, IR remote (included), RS-232 (K-Router™ Windows®-based software is included), RS-485, Ethernet (Windows®-based Ethernet Configuration Manager & Virtual Serial Port Manager is included).
- **Output Disconnect** - Each output.
- **Front Panel Lockout.**
- **Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed.
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.



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TECHNICAL SPECIFICATIONS

INPUTS:	8 DVI-D on DVI-I Molex 24-pin (F) connectors (non-HDCP compliant), 1.2Vpp; DDC signal 5Vpp (TTL).
OUTPUTS:	8 DGKat twisted pair on RJ-45 connectors.
BANDWIDTH:	4.95Gbps (1.65Gbps per graphic channel).
COMPLIANCE WITH STANDARDS:	Supports DVI 1.1.
MAX RESOLUTION:	Up to UXGA; 1080p, 1920x1200.
POWER CONSUMPTION:	100-240V AC; 50/60Hz, 43VA.
CONTROLS:	Front panel buttons, infrared remote control transmitter, RS-232, RS-485 & Ethernet.
DIMENSIONS:	19" x 7" x 1U W, D, H.
WEIGHT:	2.5kg (5.5lbs) approx.
INCLUDED ACCESSORIES:	Power cord, infrared remote controller, rack "ears".

