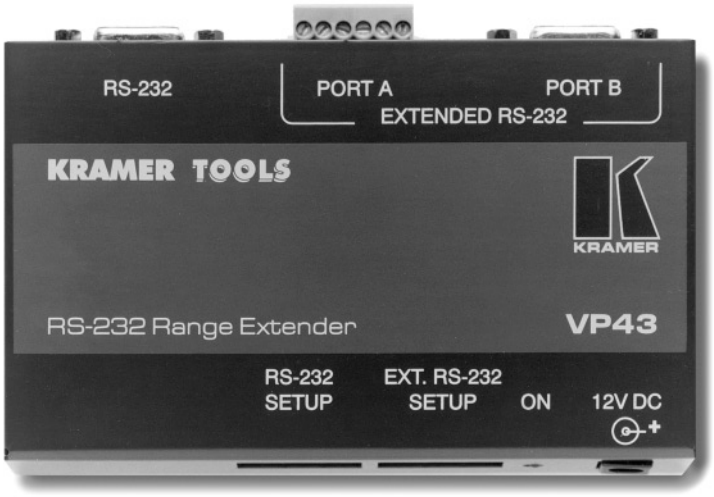
RS-232 Range Extender VP-43

The Kramer VP-43 is a unique product designed to overcome cable length limitations when transmitting RS-232 information. It is a bi-directional device intended to operate in pairs with one VP-43 connected to the control system's serial port, and another one located at the device being controlled. Connected in this fashion, the cable between the two units can be extended to more than 100 times that of conventional RS-232. A 12V power supply is provided
DIP switches allow the unit to be configured for use with crossed or straight (uncrossed) cables. Also, the "extended" RS-232 cable can be connected using either a DB-9 connector, or a detachable screw terminal connector. The VP-43 was designed specifically for use with Kramer Switchers and routers, but can easily be adapted for use with other products which use RS-232 in null-modem configuration.
The VP-43 is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

RS-232 PORT:	Null-modem RS-232-C compatible TX / RX signals.
EXTENDED RS-232 PORT:	RS-485 (RS-422) compatible signals, TX and RX on separate differential pairs.
EFFECTIVE RANGE:	>1.2km.
POWER SOURCE:	12VDC, 30mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H.).
WEIGHT:	0.28 kg. (0.62 lbs.) Approx.
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	19" Rack adapter RK-T1, RK-T3 (see page 6.20, 6.21 for details).

TYPICAL APPLICATIONS

- Control of ceiling mounted video projectors when control system is in a distant rack.
- Allows inexpensive twisted pair cable to be used as control cable for long runs.
- Allows Kramer matrix Switchers to be placed in a remote rack using the BC-2000 as the user interface.