



RS-232 Range Extender

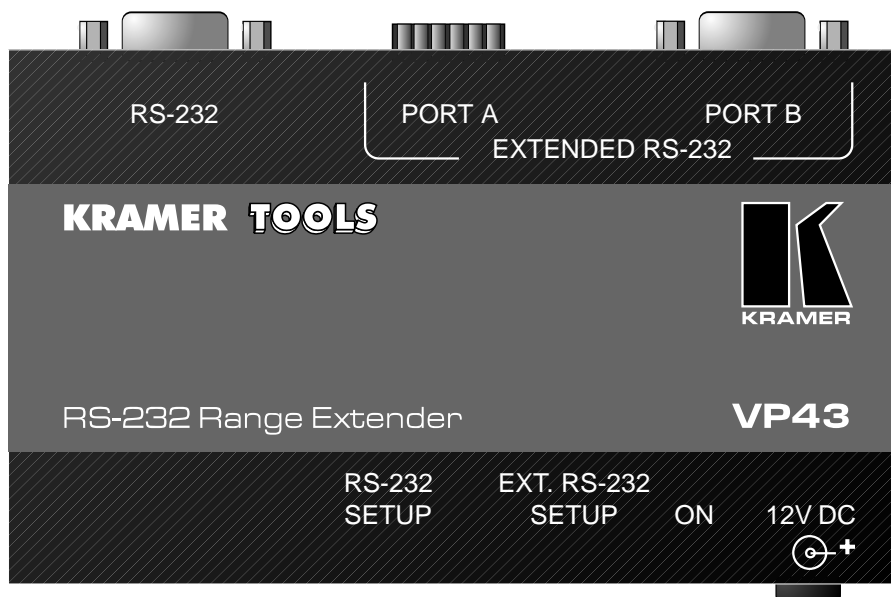
VP-43

The KRAMER **VP-43** is a novel device designed for overcoming the range limitation inherent in *RS-232*. By hooking up the device to a serial port in null-modem configuration, the range of communication is extended to more than 100 times that of *RS-232*!

An extensive set of DIP switches allows the unit to be configured for use with crossed or straight (uncrossed) cables. Furthermore, the user may connect to the communication medium via either a DB-9 connector, or a connector block, making the implementation of the unit in a system very simple. The Range Extender was designed specifically for use with Kramer switchers and routers, but can easily be adapted for use with other communication equipment, which uses *RS-232* in null-modem configuration.

Some features and applications:

- ❖ Control of matrices for distances of more than the 10 meters allowed by *RS-232*.
- ❖ Use of telephone cable for connecting an *RS-232* controller to a video / audio switcher.
- ❖ Long distance placement of controller (e.g. BC-2000) from switcher.



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.
DIMENSIONS:	12 cm X 7.5 cm X 2.5cm (W, D, H.)
POWER SOURCE:	12VDC, 30mA.