16 PORT DIGITAL PORT ROUTER - DPR16

The DPR16 is a Rs422 Duplex port router, which can operate as a stand-alone device, or as a slave to external Sigma Electronics or other manufacturers' routers. In either case the DPR16 will directly route 16 ports via its front control panel. If it is slaved to another router, it can also be set to parse routing commands generated from the external system and Re-Map them to the desired Port Configurations.

In addition to standard operation which DUPLEX links 1 of 16 ports to one of the remaining 15 ports, the DPR16 can SIMPLEX link a source to any number of remaining destinations. This is most useful when multiple decks are being controlled simultaneously such as a gang record operation.

FEATURES

- Directly routes 16 ports via front panel
- Easy operation
- Can be slaved to any Sigma Electronics router
- Can DUPLEX link (standard operation) and SIMPLEX link source to destination
- Only one RU

SPECIFICATIONS

Rs422 PORT

Bus Ports	16 full-duplex differential w/ auto configuration
'D' Type Connector	1 9-pin female per port
Data Rate	> 110 to 250k baud rate DUPLEX
Impedance	120Ω characteristic across each differential signal pair
Indicator	LED indicator of port configuration

MECHANICAL

Dimensions	1RU wide x 7 in. deep
Power COnsumption	< 12 W

ENVIRONMENTAL

Operating Temp.	No Derating: 0° to 50° C Linear derate to 50%: 51° to 70° C
Storage Temp.	-40° to 85° C
Cooling	Convection
Relative Humidity	Non-condensing, 95% max.
MTBF	MIL-HDBK-217F, >200,000 hrs.

POWER SUPPLY

AC input	Auto ranging, 90-132v 180-264v
Power Efficiency	82%
Input Frequency	47-63 Hz

Prices and specifications are subject to change without notice

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