

# TL5200 DACs



- 2,688 simultaneous DS0 cross-connects
- 112 T-1 ports in only 7" of rack space
- 4 T-3/M13 ports
- V.35 data channels
- VT100 and TELNET Ethernet interface
- Built-in T-1 CSU/DSUs

The versatile Telinc TL5200 DACs Switch can be configured as a 3-1-0 DACs with 112 T-1 ports or four T-3 ports or a combination of both. It can also be configured as two grooming M13 multiplexers, two drop/insert T-3 muxes, as a bank of fifty-six T-1 CSU/DSUs with V.35 interfaces, as eight T-1 multiplexers, each with thirteen V.35 channels, or many other configurations. It has the power to handle 2,688 simultaneous cross-connects on a non-blocking basis. And, it occupies only 7" of vertical rack space.

## T-3, T-1 and V.35

The TL5200 has fourteen slots for T-3 ports, T-1 ports and data channels which can be mixed in any combination. Each T-3 port occupies three slots. T-1 and V.35 ports are packaged eight to a slot.

Every T-1 port includes an integral T-1 ESF/D4 CSU/DSU, eliminating the need for external CSU/DSUs. The long haul certified T-1 CSU/DSU can also be configured through the console as a short haul DSX1 interface with a range up to 655 feet.

## VT100 and TELNET Management

TL5200 Switches can be controlled from a local or remote ASCII console or through a TELNET session. Like other Telinc products, TL5200 Switches include an Ethernet interface and can be given an IP address the same as any other device on the user's LAN. The TL5200 can store multiple user-defined configurations and automatically switch between them.

## Optional Redundant Logic and Power Modules

The TL5200 includes one common logic module and one power supply. A second logic and/or power module can be added for full redundancy. The dual supplies operate in a load-sharing mode with either capable of assuming the full load should the other fail. The TL5200 can be equipped with two AC supplies, two DC supplies or one of each.

## Diagnostics

TL5200 Switches include extensive diagnostics to quickly isolate problems. From a local or remote VT100 terminal or a TELNET session, an operator can test every port and channel in the switch. The TL5200 also provides major and minor alarm contact closures, useful for external signaling. An event log shows major and minor alarms, loopbacks and other activity.

**Specifications**

<b>Number of Slots</b>	14
<b>T-1 cards, eight ports per card</b> Occupies one slot	1.544 Mbps, D4/ESF
<b>T-3 cards, one port per card</b> Occupies three slots	44.736 Mbps, M13
<b>V.35 cards, eight ports per card</b> Occupies one slot	N x 56/64 Kbps to 1.984 Mbps, synchronous
<b>Maximum Configuration</b>	T-1s      T-3s 112        0 88         1 64         2 40         3 16         4
<b>Ethernet interface</b>	RJ48, 10 BaseT
<b>Printer Port</b>	RS232, ASCII, 9600 bps
<b>Console Port</b>	RS232, ASCII, 9600 bps
<b>Power</b>	90 to 130 VAC, 57 to 63 Hz 210 to 250 VAC, 45 to 55 Hz 48 VDC 110 watts, 376 BTU/hr, fully loaded
<b>Mounting</b>	Tabletop and 19/23" rack
<b>Dimensions</b>	7"H x 19"W x 13"D 18 cm x 48 cm x 33 cm
<b>Weight</b>	30 lbs. (13.6 kg) fully loaded
<b>Operating Temperature</b>	32° to 122°F, 0° to 50°C
<b>Relative Humidity</b>	0% to 95% non condensing