

Recorder Control Panel (for up to 16 TTC Solid State Recorders)



Applications

- Flight Test Instrumentation
- Cockpit Control System
- Remote Monitoring

Features

- Recorder Control Panel for TTC Solid State Recorder Products (for up to 16 Recorders)
- Automatic Device Detection
- Half Duplex Multipoint RS-485 port for Record Control and % Remaining
- Serial RS-232/422 control port
- Operates from +28VDC +/-4VDC at 7W
- Reverse polarity and over-voltage protected
- 9 illuminated switches capable of Full Brightness or Night Vision Imaging System (NVIS) Dimming
- 9-switch matrix that provides operator and external control capabilities
- 4-digit and 2-digit 7-segment displays for system or external numeric information
- PCM Frame Correlator (RS-422 clock and data inputs) with 4 discrete isolated outputs
- Up to 16 PCM parameters test with the results enabling any combination of the opto-coupler isolator outputs
- Mounts in 5.375" Dzus Rails

Description

The RCP-4000 is designed for cockpit panel installation and provides the test pilot or instrumentation engineer with control and monitoring capability for a flight test instrumentation (FTI) system. It is powered from 28VDC. A 9-switch matrix provides operator and external system control capabilities. A 4-digit 7-segment display is provided for display of recorder % Remaining. A 2-digit 7-segment display is also provided to display which recorder is being accessed. The brightness of the switch legends and the 7-segment displays can be controlled by the external brightness potentiometer or by varying the voltage to the RCP-4000.

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RCP-4000 Datasheet

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