

1204A-MC Digital Signal Distribution With Remote Monitor and Control Interface

- Input Frequencies DC to 30MHz
- Suitable for 1PPS, IRIG DCLS etc.
- 12 Channel Output Distribution
- Low Skew and Propagation Delay
- Remote Monitoring of Input/Output Levels
- Remote Selection of Active Outputs
- Dual Input with Auto Switch Option
- Low Cost
- Convenient 1U, 19" rack mount package

Building on the success of the 1204A Digital Distribution amplifier, the 1204A-MC is a flexible distribution platform suitable for various pulse formats enhanced with a full remote monitor and control interface.

With the added monitor and control, a remote user can easily monitor status of each of the inputs/outputs of the unit on either RS232 or Ethernet with Telnet, web browser and SNMP interfaces. Optionally the unit can take two separate inputs into an input switch with either fully automatic or manual control.

For added flexibility, individual outputs can be enabled/disabled via remote control so that unused outputs are isolated from the alarm system.

Input and output status is immediately evident from front panel indicators of each channel. Also auto/manual selection of the auto switched input is available from the front panel key pad.

All outputs are provided on convenient BNC connectors. Outputs provide 5V TTL levels into a 50 ohm load.



Specifications subject to change without notice



Specifications

Electrical

Input Level	10V	max
Input Impedance	50 ohm	
Input High Level	2V to 5V	(50 ohm)
Input Low Level	<0.7V	(50 ohm)

Output High Level	3.5V	(minimum)
Output Low Level	0.5V	(maximum)
Output Impedance	50 ohm	

Frequency Range	DC to 30MHz
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Connectors	BNC
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Alarm Output	Summary alarm
	indicates failure of any output signal

Non-alarm condition:	Relay energized (fail safe)
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Connector:	9 pin D-male
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Controls & Indicators

Each Channel	Green/Red LED, Healthy/Fault
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Input	Manual/Auto
	Red LED(manual)

Keypad	Manual/Auto
Channel	(A/B)

Ethernet	RJ 45, Front Panel
RS232	DB9 (Rear panel)

Protocols(Ethernet)

Telnet
SNMP
Web Browser

Environmental & Physical

Temperature:	0° to 55° C
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Relative Humidity: 0 to 95%, non-condensing

Power Requirements

AC Input ($\pm 15\%$) 90 - 264 VAC, <10W

DC Input (optional)

Dimensions (HxWxD):	1U x 19" x 16"
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