



1206A/1207A Distribution with Monitor/Control Interface

- Up to 36 output channels
- RF, Digital, and time code options available
- Unique ***ANALOG LEVEL Monitoring*** on RF Channels
- All configurations (RF, Digital, Time Code) include broadband range
- Optional Gain Adjustment on RF Channels
- Optional auto switch input
- Remote Monitor /Control (Ethernet/RS 232)
- NTP Client included for automatic event time-stamping

To complement the range of high quality frequency and timing references, **Precise Time and Frequency, Inc.** has now introduced a new RF, and/or Digital, and/or Time Code, Distribution unit with full remote monitoring and control interface.

The ***ptf 1207A*** delivers up to thirty six channels of frequency and/or timing references to critical applications such as Satellite Communications, Broadcasting, WiMax and others.

RF channels include a unique feature of ***output level monitoring*** of rms output level, together with an optional gain control allowing each RF channel output level to be independently adjusted.

The unit can optionally accept a pair of two inputs (usually from separate primary and backup sources), and provides auto switching and monitoring of both the inputs and output for signal integrity. In addition RF channels include analog level monitoring. With the auto switch option fitted, if the primary input on any channel fails, the unit will automatically switch to the backup input and indicate a primary signal fault.

Full remote monitoring and control via RS232 and Ethernet interfaces includes telnet, http (web browser), and SNMP protocols.

ptf 1207A Front View (Auto Switch option fitted)



Specifications subject to change without notice

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Specifications

Inputs

RF

Frequency 1MHz to 30MHz
Amplitude 13dBm into 50 ohms
(1V rms into 50 ohms)

Digital

Frequency 0.01 PPS to 20 MPPS
Amplitude 5V TTL into 50 ohms
(nominal)

Time Code

Modulation Freq. 100Hz to 1MHz
Amplitude 3V pk-pk
Modulation Ratio 3 : 1

Outputs

RF

Frequency 1MHz to 30MHz
Amplitude 13dBm into 50 ohms
(1V rms into 50 ohms)

Digital

Frequency 0.01 PPS to 20 MPPS
Amplitude 5V TTL into 50 ohms
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Time Code

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Amplitude 3V pk-pk
Modulation Ratio 3 : 1

Switching Characteristics(optional)

Switch Type Latching Relay
Switching time <3ms typical

Indicators/Controls

Power Green LED
Channel A Red LED
Channel B Red LED
Manual Selected Red LED

Controls

Auto/Manual Membrane switch
Channel Select Membrane switch

Power Supply

Input voltage 90 - 264 VAC
Input power <10W

Environmental

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

Physical

Dimensions (HxWxD): 2U x 19" x 16"
Weight <15lbs



Rear Panel View

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