



## ***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

[www.ptf-llc.com](http://www.ptf-llc.com)

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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  
(nominal)

#### Time Code

Modulation Freq. 100Hz to 1MHz  
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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