



## *ptf 3207A feature summary.*



The ptf 3207A is the most advanced Frequency and Time Reference Standard in its class.

Not only does it out-perform in the critical areas of accuracy and stability, but it is rich in features to provide the user with a simple to use yet comprehensive selection of alternatives, designed to meet the needs of virtually any application.

The summary chart on the next page is intended to provide either potential or existing users of the instrument a quick reference guide to what is available.

The majority of features are available as standard, but there are also a number of additional features available that may be selected at time of order.

For additional information on the detail of a particular feature, please see our reference booklet:

*“ptf 3207A Features for Dummies!”*

Finally, if there is a function or feature that you require but do not see listed, please contact our support staff who will be happy to help.



Group	Detail	Option	Features	Standard/Option	Comments
Oscillator Selections	OEXO	OVEN	Low phase noise	Standard	-130dBc@10Hz offset
	ULNO	ULNO	Ultra low phase noise	Option	-112dBc@1Hz offset
	Rubidium	RUBH	Excellent short term stability	Option	3E-12@10 seconds
Signal Inputs	Receivers				
(Disciplining Sources)	GPS	-GPS	Most established satellite src	Standard	USA. mask ang. settable
	Glonass	-GLN	Good alternative to GPS	Option	Russia
	Galileo	-GGA			Europe
	Beidou	-GGB			China
	QZSS	-GQZ	Localized for use in Japan	Option	Japan
	SBAS	-GSB	Augmentation systems	Option	WAAS, EGNOS, etc.
	Multi	-GXX	Multi band receiver	Option	Excellent redundancy
	Ext. Refs.				
	1PPS	PPSI	External 1 PPS input	Option	From Cesium etc.
	10MHz	RFIP	External 10MHz input	Option	From Cesium etc.
	IRIG B (am)	TCBA	External time code input	Option	
	IRIG B (DC)	TCBD	External time code input	Option	
	Signal Outputs	10MHz RF	N/A	10MHz, 13dBm, 50 ohms	Standard
5MHz RF		RF05	5MHz, 13dBm, 50 ohm RF sine	Option	
2MHz RF		RF02	2MHz, 13dBm, 50 ohm, RF sine	Option	
1MHz RF		RF01	1MHz, 13dBm, 50 ohm RF sine	Option	
4 x RF		RF10	4 x Additional RF outputs	Option	
IRIG B (am)		N/A	Amplitude Modulated IRIG B	Standard	Conforms to IEEE 1344
NASA 36		N/A	Amplitude Modulated NASA 36	Standard	Alternate to IRIG B (am)
4 x Time op		TIME	4 x Additional Time Code output	Option	
1PPS		1PPS	1 Pulse/Second, 5V TTL, 50 ohm	Standard	Adjustable pulse width
1PPM		1PPM	1 Pulse/Minute, 5V TTL, 50 ohm	Standard	Menu selectable
1PHH		1PHH	1 Pulse/half hr., 5V TTL, 50 ohm	Standard	Menu selectable
1PPH		1PPH	1 Pulse/hour, 5V TTL, 50 ohm	Standard	Menu selectable
4 x Dig out		PULS	4 x additional digital outputs		
OPLB		OPLB	Output Level Booster, max 24V	Option	
Prog. Clock		PCLK	Programmable clock, 0 - 10MHz	Standard	Any integer divider
PPPS		PPPS	Output pulse "stretcher"	Option	Up to 5 milli seconds
IRIG A		IRIG-A	IRIG A DCLS, 5V TTL, 50 ohms	Standard	Menu selectable
IRIG B		IRIG-B	IRIG B DCLS, 5V TTL, 50 ohms	Standard	Menu selectable
IRIG G		IRIG-G	IRIG G DCLS, 5V TTL, 50 ohms	Standard	Menu selectable
IRIG H		IRIG-H	IRIG H DCLS, 5V TTL, 50 ohms	Standard	Menu selectable
NASA 36		NASA36	NASA 36 DCLS, 5V TTL, 50 ohms	Standard	Menu selectable
NMEA 0183		NMEA	NMEA serial, 4800, 8,1,n	Option	Menu selectable
TODP		TODP	Time of day print output	Option	Menu Selectable
Fault Relay	N/A	Summary fault output	Standard		
Date and Time	Mode	N/A	Local, DST, UTC, GPS	Standard	Menu Selectable
	Offset	N/A	Settable -16:00 to +16:00	Standard	Menu Selectable
	Time Form	N/A	Selectable 12 hour or 24 hour	Standard	Menu Selectable
	Date Form	N/A	Selectable USA, Europe, Japan	Standard	Menu Selectable
Protocols	RS232	N/A	Baud rate settable, 8,1,N	Standard	
	Telnet	N/A	Settable Timeout	Standard	Multiple sessions
	http://	N/A	Web browser, settable time out	Standard	
	NTP	NTPO	Network Time Protocol	Standard	NTPv4
	SNMP	SNMP	SNMP v1, v2, v3	Standard	