

# RTS PPS Distribution

## GPS time synchronization

The RTS PPS distribution panel is the key solution for distributing GPS timing signals to survey spreads. It can be used to distribute one or two separate timing telegrams together with PPS pulse.

The system consist of two RS232 splitters combined with three PPS pulse splitters.

Selectable PPS pulse width, 500us, 1ms or directly from the GPS. Selectable PPS triggering, positive or negative edge. Typically used for time synchronisation of logging systems and multiple sensor synchronization.

### Main features

- Two eight-channel RS232 splitters
- PPS pulse width extender
- Supports baud rates up to 115kbps
- Full RS232 levels (+/-8V)
- PPS TTL Level
- Low Latency
- Data, PPS and power indicators
- ESD-protected inputs
- Selectable PPS trig

### TECHNICAL SPECIFICATIONS

<b>Connections</b>		
<b>Input</b>		1 x PPS / BNC 2 x RS232 / RJ45
<b>Output</b>		2 x 8 RS232 + PPS / RJ45 8 x PPS / BNC
<b>Power</b>		
		110 - 240V 50-60 Hz AC Supply
<b>Environmental</b>		
	Operating temperature	-2°C to +55°C
	Weight	4,7 kg
	Housing	Aluminium & Steel
<b>Dimensions</b>		
		482,6mm x 89mm x 255mm (19", 2U)



RTS is a supplier of engineering solutions, equipment rental, product sales and personnel. We are based in Karmøy in south-west Norway, close to the main oil bases. With our wide range of equipment and personnel, we offer complete solutions to the subsea industry. Key words are positioning, environmental, hydrographic, logging, PC and video products. The information in this datasheet is subject to change without notice and does not represent a commitment on the part of RTS. 01/2015

Delivery address: Rental Technology & Services AS Aakrehamn Teknologisenter, Sjøenvegen 52, 4270 Åkrehamn, Norway  
Post address: Rental Technology & Services AS, P.O. BOX 237, 4296 Åkrehamn, Norway  
tel: +47 52 81 47 60, sales@rts.as, www.rts.as, NO 984 919 484 MVA

