

RADIO TIMING®301



The RT301 is a pulse generator for synchronizing the movements of analog clocks in pulses version.

Security

3,6864 MHz Quartz, accuracy 5ppm for use on mains connection.
32 kHz Quartz for use off mains connection.
Memorisation of the time base information for 10 years by Lithium battery.

Key features

- **Automatic time setting** to the mains connection.
- **100 hours power reserve** each by 12V or 24V Ni/ Mh battery 1200 mAh.
- **EMC protection filter** , against over voltage and industrial interferences.
- Time information accuracy of the time base under storage or operating in standby mode: 0.4 s/24h.
- Supplied with mains supply cable of 1.5 meters, and 6 meters cable for pulse outputs.
- Waterproof case IP 66.

Specification

Power supply	230 VAC +/-10% 50 60 Hz
Certifications	CE, EN 60950, EN 55022, EN 55024 , ROHS
Maximal consumption	5 VA
IP	66
MTBF	120 000h.
MTTR	10 min.
Weight	1 Kg
Dimension	230x80x85 mm (LxHxP)
Operating temperature	-20° to 70°C
Storage temperature	-20° to 80°C

Synchronization inputs

- **Standalone with quartz radiosync. by:**
- DCF (Europe).

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PULSE OUTPUT

Minute 12Vparallel reversed pulses	<input type="checkbox"/>	1		
Minute 24V parallel reversed pulses	<input type="checkbox"/>	3		
Half-minute 12V serial reversed pulses	<input type="checkbox"/>	6		
Half-minute 24V Serial reversed pulses	<input type="checkbox"/>	7		
OPTION				
Tropicalization	<input type="checkbox"/>		U	

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SYNCHRONIZATION INPUT OPTION

Standalone (nothing to write)	<input type="checkbox"/>			
Radio synchronisation on DCF. Antenna + 7m of cable	<input type="checkbox"/>	3	D	6
Radio synchronisation on DCF. Antenna + 4m of cable	<input type="checkbox"/>	3	D	7

