



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

Specifications

Power supply possible	230 VAC +/-10% 50/60 Hz
Certifications	CE, EN 60950, EN 55022, EN 55024, ROHS
Maximal Consumption	5 VA
IP	66
MTBF	120 000 h
MTTR	10 min
Weight	0,8 kg
Dimensions	230 x 80 x 85mm (LxHxD)
Operating temperature	- 20 to 70°C
Storage temperature	- 20 to 80°C

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**

Synchronization inputs

- Standalone with quartz radiosync. by**
- DCF 77kHz (Europe)

		ITEM CODE		
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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				
Tropicalized	<input type="checkbox"/>		U	
		ITEM CODE		
ANTENNA				
Standalone (do not register anything)	<input type="checkbox"/>	do not register anything		
DCF Antenna with 4m cable	<input type="checkbox"/>	3D6		
DCF Antenna with 7m cable	<input type="checkbox"/>	3D7		