RGB Technology®

WIRELESS TIME SYSTEM







Specifications

Dimensions of the transmitter (WxHxD) [mm]:	120x80x50 (without GPS GM-2 and Power supply)
Dimensions of the receiver (WxHxD) [mm]:	64 x 42.5 x 22
Range:	approx. 100-200 m (depending on the building structure)
Frequency:	868 MHz (8 channels)
Transmission Power:	100mW
Ingress protection rating:	Recevier: IP68 Transmitter: IP5X
Power supply:	Transmitter: 12VDC (with attached power supply) Receiver: 5VDC
Device operation temperature (ambient):	-25°C ÷ 45°C
Device operation temperature (device surface):	-25°C ÷ 60°C

LED Indicator

LED	Meaning	What to do
doesn’t shine	no power supply or the initialization of the receiver	if the diode doesn't start shining in a minute, check the receiver power supply
doesn’t shine for 1 second	no time synchronization, searching for the signal	if it lasts for more than 15 minutes, change the GPS GM-2 Receiver location
shines for a second	time is synchronized, searching for a stronger signal	if the diode doesn't start shinning with continuous light in 15 minutes, change GPS GM-2 Receiver location
shines with continuous light	time is synchronized, very good signal	working correctly, no need for changes
fast blinking	searching for a transmiter	if it lasts for more than 15 minutes, change the receiver location