

## Advanced Wireless Synchronized Digital Clock System



The POLMON GPS Synchronized Wireless Digital Master Calendar Clock receives the time and date from GPS(Global Positioning System ). GPS is a worldwide system that employs 24 satellites in a integrated network to determine a geographical location anywhere in the world, it will transmits the most accurate and reliable atomic time.

The POLMON GPS Wireless Digital Master Calendar Clock System perfect solution for a wide range of applications where accurate, synchronized time and date both are required. The GPS Wireless Master Calendar Clock is also work with Real Time Clock even if GPS signal fails.

The POLMON Server Synchronized Wireless Digital Clock receives the Time from Server to which clock is connected.

The POLMON Server Synchronized Wireless Digital Master Clock System is perfect solution for a perfect solution for a wide range of applications where accurate, synchronized time is required. The Server Synchronized Wireless Master Clock is also work with Real Time Clock even if Server Time fails to reach the Master Clock

### Features

- **GPS Master Synchronization with GPS time**
- **Server Master Synchronization with server time**
- **It will have each Slave Status (Health Conditions)**
- **Designed for Clean Room Environment/ API Plants**
- **Flicker-free bright Red Seven Segment LED Display**

- **Displays time in HH:MM Format**
- **Auto change over to internal RTC Clock working in case of GPS failure**
- **Very wide Coverage range upto 1500m Line of Sight**
- **2.3" Display visible up to 100 feet**
- **4" Display visible up to 100 feet**

### Applications

- **Pharmaceutical industry**
- **Ware House**
- **Factory**
- **Office**
- **Canteen**
- **Colleges etc**



**Wireless Clocks:**

Ordering Information for TM680M			
TM680M	X	X	X
Model No.	External Enclosure	I/P	Future Use
TM680M	R – NFLP	1. GPS	X
		2. Server	

Ordering Information for TM690M			
TM690M	X	X	X
Model No.	External Enclosure	I/P	Future Use
TM690M	R – NFLP	1. GPS	X
		2. Server	

Ordering Information for TM682S			
TM682S	X	X	X
Model No.	External Enclosure	Display Type	Relay output
TM682S	R – NFLP SS Wall Mount	1- Single side	X - No
	F – FLP	2- Double side	1 - Yes
	M – NFLP Flush Mount		
	C - FLP IIC		

Ordering Information for TM692S			
TM692S	X	X	X
Model No.	External Enclosure	Display Type	Relay output
TM692S	R – NFLP	1. Single side	X - No
	F – FLP	2. Double side	1 - Yes
	M- NFLP Flush Mount		

Ordering Information for TM684S			
TM684S	X	X	X
Model No.	External Enclosure	Display Type	Future Use
TM684S	R – NFLP	1. Single side	X
	F – FLP	2. Double side	

Ordering Information for TM694S			
TM694S	X	X	X
Model No.	External Enclosure	Display Type	Future Use
TM694S	R – NFLP	1. Single side	X
	F – FLP	2. Double side	

Ordering Information for TM680R		
TM680R	X	X
Model No.	External Enclosure	Future Use
TM680R	R – NFLP	X
	F – FLP	

**Wireless Calendar Clocks**

Ordering Information for TM670M							
TM670M	X	X	X	X	X	X	X
Model No.	Enclosure Type	Sync Type	Transmission Type	Display Format	Power Supply	Future Use	Future Use
TM670M	R – NFLP	1. GPS	1 – Wireless	5 – HH:MM (Fixed) DD-MM-YYYY	1 – 230V	X	X
			2 – Wireless Mesh	6 – HH:MM:SS (Fixed) DD-MM-YYYY	2 – POE		
					3 – 24V		

Ordering Information for TM672S							
TM672S	X	X	X	X	X	X	X
Model No.	Enclosure Type	Display Type	Communication Type	Display Format	Power Supply	Future Use	Future Use
TM672S	R – NFLP	1. Single side	1 – Ethernet	5 – HH:MM (Fixed) DD-MM-YYYY	1 – 230V	X	X
	F – FLP	2. Double side	2 – Wireless	6 – HH:MM:SS (Fixed) DD-MM-YYYY	2 – POE		
	M- Modular		3 – Wireless Mesh		3 – 24V		
	E-Modular with Inbuilt Antenna						

Ordering Information for TM674S							
TM674S	X	X	X	X	X	X	X
Model No.	Enclosure Type	Display Type	Communication Type	Display Format	Power Supply	Future Use	Future Use
TM674S	R – NFLP	1. Single side	2 – Wireless	5 – HH:MM (Fixed) DD-MM-YYYY	1 – 230V	X	X
	F – FLP	2. Double side	3 – Wireless Mesh	6 – HH:MM:SS (Fixed) DD-MM-YYYY	2 – POE		
	M- Modular				3 – 24V		

**HMI1010**

Ordering Information for HMI1010		
HMI1010	X	X
Model No.	Enclosure type	Application
HMI1010	R - NFLP	1 - Clock

	TM680M-R-1-X Display size: 2.3" Dimensions:470X100X40mm Weight: 1.6Kg
	TM690M-R-1-X Display size: 2.3" Dimensions:470X100X40mm Weight: 1.6Kg
	TM682S-F-1-X Display size: 2.3" Dimensions: 335x199x87mm Weight: 3.5Kg
	TM682S-F-2-X Display size: 2.3" Dimensions: 431X210X110mm Weight: 5Kg
	TM682S-R-1-X Display size: 2.3" Dimensions: 360X100X25mm Weight: 1.5Kg
	TM682S-M-1-X Display size: 2.3" Dimensions: 400X120X35mm Weight: 1.2Kg
	TM682S-C-1-X Display size: 2.3" Dimensions: 350x350x210 mm Weight: 16Kg
	TM692S-F-1-X Display size: 2.3" Dimensions: 485X202X90mm Weight: 8Kg
	TM692S-R-1-X Display size: 2.3" Dimensions: 470X100X25mm Weight: 1.5Kg
	TM684S-F-1-X Display size: 4" Dimensions: 684X225X130.5mm Weight: 17Kg
	TM684S-F-2-X Display size: 4" Dimensions: 521X238X122mm Weight: 12Kg
	TM684S-R-1-X Display size: 4" Dimensions: 540X150X40mm Weight: 3Kg
	TM694S-F-1-X Display size: 4" Dimensions: 620X220X120mm Weight: 17Kg
	TM680R-F-X Dimensions: 335x199x87 mm Weight: 3.5Kg
	TM680R-R-X Dimensions: 360X100X25mm Weight: 1.5Kg

	TM670M-R-1-1-5-1-X-X Display size: 2.3" Dimensions:434x149x40 Weight: 2.5Kg
	TM670M-R-1-1-6-1-X-X Display size: 2.3" Dimensions:434x149x40 Weight: 2.5Kg
	TM672S-R-1-2-5-1-X-X Display size: 2.3" Dimensions:470X100X40mm Weight: 1.6Kg
	TM672S-F-1-2-5-1-X-X Display size: 4" Dimensions: 684X225X130.5mm Weight: 17Kg
	TM672S-E-1-2-6-1-X-X Display size: 2.3" Dimensions: 519X290X40mm Weight:
	TM672S-R-1-2-6-1-X-X Display size: 2.3" Dimensions:470X100X40mm Weight: 1.6Kg
	TM672S-F-1-2-6-1-X-X Display size: 4" Dimensions: 684X225X130.5mm Weight: 17Kg
	HMI1010-R-X Display size: 10.2" Dimensions:310X310X65mm Weight: 4Kg