

 **μ C Based Astor Timer with RTC Setting****Features:-**

- Microcontroller based, 16X2 LCD
- Supply 220 V Ac
- LED Indication for relay Status
- Daily automatic regulation of sunrise and sunset time
- Relay OFF time and Relay ON time selection
- Place selection (according to place selection sunrise and sunset time set automatic)
- Auto And Manual mode selection
- Separate (RTC) battery is present
- Date, Time, Day, year selection

Applications

- **Domestic applications:** Gate Lights, Outside lights, Parking, Home Automation
- **Commercial Applications:** Street Lights, Road Sign Lights, Shopping Center Lights (Signboards), Park/Garden Light, Parking lights
- **Others:** Home lights, Other lights applications

Setting Method:-

- Press set key for 10 second for Password message
- Press set key to go next parameter & Use Increment or Decrement Key to change value

Set Password = 100

Parameter Display	Parameter	Description of contents	Default Setting
Rly OFF	Relay off Time selection	Relay Off	Sun Rise time
TIME DIF	Relay off time - Sun Rise time Hr:Min	Indicate time difference with respect to Sun Rise time	
Rly ON	Relay On Time Selection	Relay ON	Sunset Time
TIME DIF	Relay On time - Sun set time		
CONTROL	Auto control	Relay on and off according to selection	
PLACE	Place selection	According to place selection Sun Rise & Sun Set time change	

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**Set Password = 102**

Parameter Display	Parameter	Description of contents	Default Setting
Set Hour	RTC Hour setting		
Set Minute	RTC Min setting		
Set Day	Day selection		
Set Date	Date		
Set Month	Month		
Set Year	Year		
OFF Time selection	RTC/Sunrise time	Settable off time in RTC mode	

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