



# Timer Comparison Guide

## PTM – 7 Day Programmable Timer

Designed to control the open and close times for gates, overhead doors, and parking barriers.



### PTM Timer Models

Part #	
PTM-12	12 VDC/AC Input
PTM-24	24 VDC/AC Input
PTM-120	120 VDC/AC Input

### Features



Features	PTM (New for 2020)	DTM-9 (Discontinued)	ETM-17 (Discontinued)
Voltage Range (across models)	12-120 VDC/AC	12-120 VDC/AC	12-24 VDC/AC
Relay Rating	16 A	5 A	16 A
# of On/Off Events	16	6	17
# of Day Combinations	15	15	15
12-Hour or 24-Hour Clock	Both, Configurable	24-hour	24-hour
Manual Relay Control	Yes	Yes	Yes
Setting Relay After Programming	Yes	Yes	No
Mounting	DIN	DIN + Flush w/ Bracket	Screw Mount

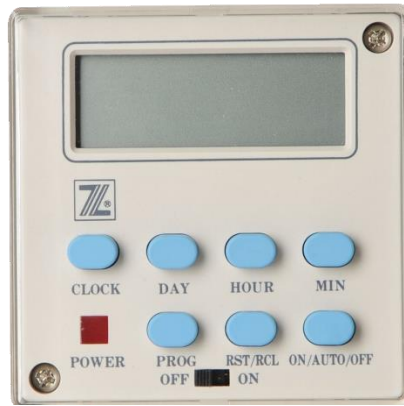
Notable differences:

- The PTM has a coin-cell battery built-in to keep the device’s programmed memory even through power down. This allows a user to program the timer before connecting power.
- If programming during an ON period, the PTM relay must be manually set to the correct position. This is the way the DTM-9 works as well. The ETM-17 does not require this extra step.

## User Interface



PTM



DTM-9



ETM-17

All three EMX timers have the same seven buttons used for programming, but they are labeled differently on each timer.

Button Function	DTM-9	ETM-17	PTM
Clock Adjust	CLOCK	CLOCK	Ⓟ
Program Adjust	PROG	TIMER	⌚
Day Adjust	DAY	DAY	D+
Hour Adjust	HOUR	HOUR	H+
Minute Adjust	MIN	MIN	M+
Reset Timer	RST/RCL	P	RESET
Relay Set	ON/AUTO/OFF	Manual	Manual

## PTM Programming Procedure

- The PTM's programming procedure is very similar to the previously discontinued DTM-9 and ETM-17 timers.
- Users must set the clock to the current time and day as the time will start at 0:00:00 when the timer is first powered on.
- Users will then program in the times for the relay to turn on (ON EVENT) and the times for the relay to turn off (OFF EVENT). There are 15 day combinations to choose from when programming the ON/OFF events.
- The relay will only activate/deactivate when the clock passes the programmed times. This means the relay will not automatically be in the correct state if programming between the ON/OFF events.

[PTM Spec Sheet](#) | [PTM Manual](#)