24-Hour Digital Timer

User Manual

Part Number: PEL00411

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Keyboard Definition

MASTER CLEAR

Clear all data in memory including current time and all programs.

RANDOM

Set or cancel random function.

CLOCK

Set current time combined with buttons WEEK, HOUR, MIN. Select 12 or 24 hour mode combined with button TIMER. Activate summertime function combined with button ON/AUTO/OFF.

TIMER

Set programs combined with buttons WEEK, HOUR, MIN. Select 12 or 24 hour mode combined with button CLOCK.

ON/AUTO/OFF

Select operating modes of timer.

WEEK

Set week combined with button CLOCK or TIMER.

HOUR

Set hour combined with button CLOCK or TIMER.

MIN

Set minute combined with button CLOCK or TIMER.

RST/RCL

Override programs or recall the overridden programs.

General Features

- 10 ON/OFF programs with 1 minute step.
- MANUAL ON/AUTO/MANUAL OFF selectable.
- 12/24 hour mode selectable.
- Large LCD display with second.
- Summer time function available.
- Random function with a random advance of 10-31minutes between 6:00 PM and 6:00 AM.
- 16 combinations of day or blocks of days available as follows
  MO
  TU
  WE
  TH
  FR
  SA
  SU
  MO, TU, WE, TH, FR, SA, SU
  MO, TU, WE, TH, FR
  SA, SU
  MO, TU, WE, TH, FR, SA
  MO, WE, FR
  TU, TH, SA
  MO, TU, WE
  TH, FR, SA
  MO, WE, FR, SU

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Initial Operation

1. Plug the timer into a regular 250 Volts power outlet and turn the power on. Leave for approximately 14 hours to charge the Memory Back-up battery.
2. Clear all current information by pressing MASTER CLEAR button with a sharp object such as a pen or pencil after charging.
3. The timer is now ready to be set up for use.

Setting Current Time

1. Press CLOCK button and hold, simultaneously press WEEK button until the actual day is displayed. Continue by pressing HOUR or MIN button until the current hour or minute is displayed. When setting, the buttons WEEK, HOUR or MIN can be held down for rapid forward counting.
2. Release both buttons. The week and time will be set.
3. To reset incorrect time, repeat above steps.

Setting Programs

TIP: When verifying your programs ensure that the settings do not overlap, especially when using the block option. If there are program settings overlapping, the timer ON or OFF will be executed according to program time, not by program number. Program OFF has the priority over program ON.

1. Press TIMER button and release. LCD shows ON_1. The first ON setting can be made now.
2. Press WEEK button to set the day or block of days. Set the time by pressing HOUR and MIN button.
3. Press TIMER button again to finish the first ON setting and enter into the first OFF setting. LCD shows OFF_1. By repeating 2 to make the first OFF setting.
4. Press TIMER button again to finish the first OFF setting and enter into the 2nd ON setting. Repeat 2 and 3 to program remaining settings. Press TIMER button and hold for 2 seconds to enter fast advance.
5. After completing settings, press CLOCK button. The timer is ready to operate.
   EXAMPLE: Timer ON at 17:15 and OFF at 22:30 everyday
a. Press TIMER once and release. LCD displays ON_1
b. Press WEEK till LCD displays "MO, TU, WE, TH, FR,SA, SU"
c. Press HOUR till LCD displays 5:00PM or 17:00
d. Press MIN till LCD displays 5:15PM or 17:15
e. Press TIMER again and release. LCD displays OFF_1
f. Repeat the above c. and d. till LCD displays 10:30PM or 22:30

Manual On/Auto/Manual Off Setting

Operating modes can't be changed during program settings.

1. Press ON/AUTO/OFF button to revert the three modes in turn.
2. The programs can only be executed in AUTO mode. When AUTO is selected, the timer operates as the programs. In MANUAL ON or MANUAL OFF mode all programs are ignored and the timer doesn't operate. When MANUAL ON mode is selected, power output is always ON. When MANUAL OFF mode is selected, power output is permanently off.
3. When the mode is turned from MANUAL ON to AUTO, the timer will keep the setting of MANUAL ON until to the next timer setting.

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Random Function

1. Press RANDOM button. LCD displays **R**(RANDOM). RANDOM function is activated.
2. When this function is ON, the settings will be executed with a random advance of 10-31 minutes between 6:00 PM and 6:00AM.
3. Press the RANDOM button again to cancel this function. Random function can't be set during program settings.
4. The RANDOM function can only be executed in AUTO mode between 6:00PM and 6:00AM.

12/24 Hour Mode

Press CLOCK and TIMER simultaneously to turn the time display between 12 and 24 hour mode.

Summertime Function

1. Press CLOCK and ON/AUTO/OFF simultaneously. LCD shows **S**(Summer time). Clock advances 1 hour.
2. To revert to winter setting, press the two buttons again. Clock moves backward 1 hour. **S** disappears in LCD.

Specifications

Voltage	: 250V AC, 50Hz
Max Load	: 13A, 3200W
Min Setting Time	: 1 Minute
Operating temperature	: -10°C to +40°C
Accuracy	: ±1 minute per month
Battery backup	: NiMH 1.2V >100hours

Note:

Don't plug in an appliance where the load exceeds 16 Amp. Always ensure the plug of any appliance is fully inserted into the timer outlet. If cleaning of the timer is required, remove from mains power and wipe timer with a dry cloth.
Do Not Immerse Timer In Water Or Any Other Liquid.

Heaters and similar appliances should never be left unattended during operation. The manufacturer recommends such appliances not be connected to timers.

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