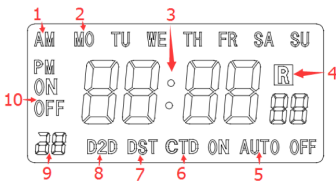


OUTDOOR DIGITAL WEEKLY TIMER

Instruction Manual

LCD Display Nomenclature:



Note: Not all functions are available on each timer.

1. AM/PM will appear when 12-hour is set
2. MO to SU stand for Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday
3. Hour:Minute:Second
4. R will appear when Random mode is enabled
5. Manual/Auto mode.
AUTO OFF, the device is in Timer Mode and remains off until the first ON setting in programs
AUTO ON, the device is in Timer Mode and remains on until the first OFF setting in programs
ON, timer remains on, and will not run any program until override key is pressed and AUTO is displayed
OFF, timer remains off, and will not run any program until override key is pressed and AUTO is displayed
6. CTD will appear when countdown is enabled.
7. DST will appear when day light saving enabled.
8. D2D will appear when Dusk to Dawn enabled.
9. Program #, up to 20 programs are available
10. ON/OFF indicate the output status

Before using your timer for the first time, please read the instructions carefully.

TM1627DOLB Features

- 20 programmable ON/OFF settings per week
- 12 hour AM/PM or 24 hour display
- Programmable in 1 minute intervals
- Daylight Saving Time setting
- Random On/Off Feature (2~30 minutes of programmed time)
- Dusk to Dawn
- Countdown
- Manual override – temporarily or permanently overrides current program

Key Functions

- SET: Selects and confirms the program setting.
 - DOWN/UP: Increase or decrease day and digit settings. Also used to enable the Count Down function by pressing and holding DOWN/UP together.
 - ON/OFF: Allows user to select On, Off or Auto. Can be used for manual override of timer settings without losing programming.
 - D2D: Press D2D to enter D2D mode ,it will turn on at dusk and turn off at dawn. ON/OFF will indicate the status of current timer output
 - RND: Press Random ON/OFF setting to activate random delay for start or finish of ON periods.
 - RESET: Use a pencil or paper clip to press the reset key to initiate programming.
- The timer clock must be set before programming any On/Off settings.

Setting the current time

1. If display does not appear, plug unit into a receptacle and charge the internal battery for 1 hour.
2. Remove the unit from the receptacle and press the RESET key to begin programming.
3. Press and hold the ON/OFF key, then press the DOWN key to toggle between 12 or 24 hour display. AM will appear on the display when 12 Hour display is selected.
4. Press and hold the ON/OFF key, then press the UP key to toggle between normal and Daylight Savings Time. DST will appear on the display, one hour ahead of the current time. Press the UP key again to cancel DST.
5. Press and hold SET key for 3 seconds ,the "MO" flashes on display, using DOWN or UP keys to select the current day, press the SET key again to confirm your selection.
6. Hour digits flash on display, using DOWN or UP keys to select current hour, press SET key again to confirm.
7. Minute digits flash on display, using DOWN or UP keys to select current minute, press SET key again to confirm. There is no option to set the Seconds.

Note: If programming is interrupted for more than 30 seconds while setting the time, the unit will automatically revert to default mode. Preset time will be preserved.

Programming priorities are

D2D> Manual ON/OFF>Random>CTD>Programmed events

Dusk to Dawn Function

- Press D2D to enter D2D mode ,it will turn on at dusk and turn off at dawn. ON/OFF will indicate the status of current timer output

Manual Override

The ON/OFF key can be used to switch ON or OFF. Repeated pressing of the ON/OFF key causes scrolling from AUTO OFF(default)–MANUAL ON–AUTO ON–MANUAL OFF–AUTO OFF.

- AUTO OFF, the device is in Timer Mode and remains off until the first ON setting in programs
- AUTO ON, the device is in Timer Mode and remains on until the first OFF setting in programs
- ON, timer remains on , and will not run any program until override key is pressed and AUTO is displayed
- OFF, timer remains off , and will not run any program until override key is pressed and AUTO is displayed

Random Function

Turns On after 2-30 minutes of your programmed ON settings, turns Off before 2-30 minutes of your programmed Off settings . To activate Random Function, press RND button until "R" appear on display. Press again to cancel. Setting the Random Function will affect all 20 Programs.

Note: Programming of switching times (ON/OFF) will not work properly if 'program ON' overlaps with 'program Off'

Count Down On/Off Setting

1. Press UP or DOWN key for 3 seconds to enter "CTD" setting interface
2. Press SET key ,OFF flashes on display ,use DOWN or UP keys to select ON or OFF, press SET key to confirm.
 - OFF option, keep timer on and turn timer off when CTD finished
 - ON option, keep timer off and turn timer on when CTD finished.
3. Hour digits flash on display ,Use DOWN or UP keys select hour(s), press SET key to confirm.
4. Minute digits flash on display, using DOWN or UP keys to select minute, press SET key to confirm.
5. Seconds digits flash on display, using DOWN or UP keys to select seconds, press SET key to confirm.
6. Press CTD key to start count down, press CTD key again to stop count down. Timer will keep the status before CTD stopped.

Note 1: if you are at the current time display, press CTD key ,it will start count down too , CTD on display will flash and ON/OFF will indicate the status of current timer output

Note 2: If programming is interrupted for more than 30 seconds while setting CTD, unit will automatically revert to default mode. Preset time will be preserved.

Programming ON/OFF Events (maximum 20 events)

Note: If a programming step is interrupted for more than 30 seconds, unit will automatically revert to default mode. Press Reset to start the process over.

1. Clock time must be set before programming ON/OFF times.
2. After clock has been set, press the UP key.
3. Press the SET key to edit 1 ON program. Use the UP or DOWN keys to cycle through the days of the week selections.

Options

1. Individual day of the week
2. MO TU WE TH FR SA SU (Every day)
3. MO TU WE TH FR (Weekdays only)
4. SA SU (Weekends only)
5. MO TU WE TH FR SA
6. MO WE FR
7. TU TH SA
8. MO TU WE
9. TH FR SA
10. MO WE FR SU

Press the SET key again to confirm your selection.

4. Next the Hour digits will flash on the display, use the DOWN or UP keys to select the starting hour. Press the SET key again to confirm your selection.
5. Next the Minute digits will flash on the display, use the DOWN or UP keys to select the starting minute. Press the SET key again to confirm your selection.

Next the program 1 OFF setting needs to be programmed.

6. Press UP key to enter 1 OFF editing.
7. Repeat steps 3 thru 5 to set day(s) and enter the day and time the device should turn OFF.
8. To set additional ON/OFF cycles, (maximum 20 events), press UP key. Then press UP or DOWN keys and follow procedures in steps 3 thru 5 for each new ON/OFF event. When finished, press UP or DOWN keys to exit , or wait for 1 minute (30 seconds to exit interface of edit timing, 30 seconds to exit interface of program event)

Note 1: Programming of switching times (ON/OFF) will not work properly if 'program ON' overlaps with 'program OFF'

Note 2: If programming is interrupted for more than 30 seconds while setting program, unit will automatically revert to default mode. Preset time will be preserved.

Deleting Programs

1. Press UP key. Use UP or DOWN keys to select ON/OFF event to be deleted.
2. Press ON/OFF key to delete program setting. Press again to restore.
3. When done, press UP or DOWN keys to exit ,or wait for 1 minute (30 seconds to exit interface of edit timing, 30 seconds to exit interface of program event)

Reset key

Press RESET key. Timer will resume in default status. All time and program information will be lost.

RATINGS:

- 125 Volts 60Hz
- 15A General Purpose
- 15A Resistive
- 8A, 1000W Tungsten
- 1/2 HP