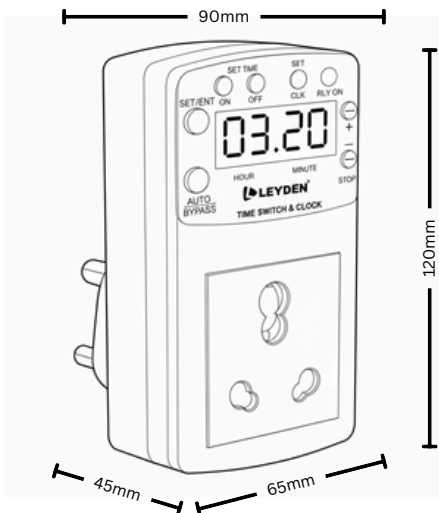




DIGITAL TIMER SOCKET

Model: TP-CLK 16A

Automate your appliances with LEYDEN TP-CLK 16A Digital Real Time Clock Timer Plug.” Smart automatic ON/OFF control for lights, pumps, geysers & more Precision timing and heavy-duty performance for home and industrial use



DIGITAL TIMER SOCKET**TP-CLK 16A****PRODUCT TECHNICAL SPECIFICATION**

POWER SOURCE	:	220-240V AC
POWER FREQUENCY	:	50Hz
RATE LOAD	:	16A (Resistive Load), 1.5HP/1.5Ton (Inductive Load)
SWITCHING DURATION	:	1 Minute
TIME FORMAT	:	24 HOUR
DISPLAY TYPE	:	LED 7 SEGEMENT
NO OF PROGRAMS	:	10 ON/OFF Daily/Weelky & Cyclic Function 1-9999 Seconds
PLUG & SOCKET TYPE	:	3-PIN 16A IN
MODE	:	AUTO & BYPASS
IP RATING	:	IP20
WORKING TEMPERATURE	:	-20°C to +40°C
CLOCK CALIBTATION	:	YES
BATTERY BACKUP	:	CR2032 REPLACEABLE

INSTRUCTION MANUAL**Welcome to use TP-CLK 16A Timer Plug!**

The LEYDEN TP-CLK 16A Digital Real Time Clock Timer Plug is a heavy-duty automatic ON/OFF timer socket designed to control electrical appliances such as lights, water pumps, motors, air conditioners, and geysers. It allows up to 10 programmable ON/OFF schedules per day, helping save energy and automate daily operations.

FUNCTION:

Reset Function: Reset Function is used to Erase all programs except clock are removed

Timer Function: This device comes with 10 Programs, By use of this function we can switch any device 10 times on & off on real clock time

Note: Always Put On & Off Time Clock Wise Direction. Example First Early on/off time put in t 1, after that time on/off put in t 2..... up to t10

Clock Time Correction: This Function use to correct current clock time

Day Function: When we need to switch for perticular day (**Default: Daily ON/OFF**)

Cyclic Function: Cyclic function widely used when we need to continues switching between times putted in Timer Function. This Function mostly used in Fogger, Hydroponics, Drip Irrigation, Bells & Other etc....(Used When Need in Mentioned Application)

Example 1: We putted on time in t 1 - 00:02 and off time in t 1- 00:01, between this time we need 1 Minute on & 60 Minutes Off. That time put on time 60 seconds & off time 3600 Seconds in Cyclic Function (For Fogger, Hydroponics, Drip Irrigation, Etc...)

Example 2: We putted on time in t 1 - 10:00 and off time in t 1- 10:01, between this times we need 10 Seconds on (<1 Minute). That time put on time 10 seconds & off time 65 Seconds (> or = 1 Minute) in Cyclic Function (For Bell, Alarm, Etc...)

Safety Instructions (IMPORTANT)**⚠ Read carefully before use**

- **DO NOT RUN OVERLOAD CAPACITY beyond 16A.**
- **KEEP CLEAN and AVOID CONTACT WITH WATER.**
- **Use indoor locations only.**
- **DO NOT use loose sockets or damaged plug boards.**
- **DO NOT insert into a loose socket board.**
- **Ensure the appliance plug fits firmly into the timer socket.**
- **Disconnect power before cleaning or resetting.**
- **This timer is not suitable for medical or life-support equipment.**

Button Description (Typical)

- **SET/ENT: Set and open menu**
- **AUTO/BYPASS: Change Auto & Manual mode**
- **START(+): For Increase Time or Start (Bypass)**
- **STOP(-): For Reduce Time or Stop (Bypass)**

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TP-CLK 16A

Using the Timer

- Plug the timer firmly into a tight wall socket.
- Plug the appliance into the timer.
- Select AUTO mode.
- The appliance will turn ON and OFF automatically as programmed.

Resetting the Timer

- If any operating issue occurs
- RESET once.
- All programs will be cleared.
- Re-set current time and reprogram schedules.

Troubleshooting Guide:

Timer does not turn ON/OFF appliance.

Check AUTO mode is selected. Verify correct ON/OFF program times

Ensure appliance load is within 16A limit. Check socket is not loose. Ensure mains power is ON. Try resetting the timer

Battery may be discharged or faulty

Timer resets frequently. Internal battery is weak or expired. Replace battery (recommended after 4–5 years)

Appliance turns ON but not OFF (or vice versa)

ON/OFF times may overlap. Recheck and reprogram schedules. Timer not working after power fluctuation. Perform a full RESET. Reprogram time and schedules

Maintenance & Care

Keep the unit clean and dry. Wipe with a dry cloth only. Do not open the unit except for battery replacement. Store away from heat, moisture, and dust

Important Notes

For best performance, periodically check time accuracy. Always use with proper electrical safety practices. If unsure, consult a qualified electrician

