

KERDE TJ01

KERDE TJ01-G 24-Hour Timer Instruction Manual

Model: TJ01-G

PRODUCT OVERVIEW

The KERDE TJ01-G is a 24-hour electromechanical timer module designed for controlling electrical appliances. It features a manual override switch and allows for setting multiple on/off cycles throughout a 24-hour period with a minimum switching time of 15 minutes. This timer is suitable for various applications including lights, fans, pumps, and DIY electrical projects.

Key features include:

- 24-Hour Timer with Manual Override Switch
- Supply Voltage: 110-120V AC, 60Hz
- 1/4-Inch quick-connect terminals
- Minimum Switching Time: 15 minutes
- Allows setting of multiple on/off cycles daily, with the same schedule repeating each day.

SPECIFICATIONS

Model Number	TJ01-G
Brand	KERDE
Supply Voltage	110-120V AC, 60Hz
Amperage	20A General & Resistive
Horsepower Rating	1HP
Tungsten Rating	1200W
Minimum Switching Time	15 minutes
Number of Settings	24 (15-minute intervals)
Material	Plastic Resin

Color	Black
Product Dimensions (D x W x H)	32D x 32W x 60H millimeters
Dial Diameter	2.13 inches (approx. 54mm)
Case Diameter	2.36 inches (approx. 60mm)



Image: The KERDE TJ01-G timer showing its dimensions, including a dial diameter of 2.13 inches and a case diameter of 2.36 inches. The overall height is approximately 2.44 inches and width 1.25 inches.

INSTALLATION AND WIRING

Warning: Electrical installation should only be performed by qualified personnel. Ensure power is disconnected at the circuit breaker before beginning any wiring work to prevent electric shock.

The TJ01-G timer uses 1/4-inch quick-connect terminals for wiring. Refer to the wiring diagram on the product label for correct connections.

TJ01-G Product



Image: The KERDE TJ01-G product showing its model number, electrical ratings (125Vac .20A General & Resistive, 1HP, 1200W Tungsten, 60Hz), and a clear wiring diagram with terminals labeled Nc, NO, COM, L, N. The timer dial is also visible.

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Mode No.TJ01-G

Made in China by kerde

 [®] E312659

125Vac .20A General& Resistive

125Vac .1Hp

125Vac .1200W Tungsten

125Vac

60Hz

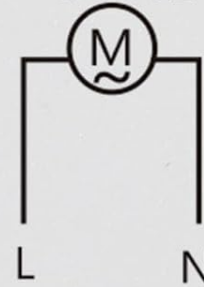
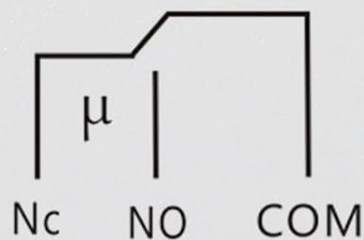


Image: A close-up view of the KERDE TJ01-G timer's wiring terminals, showing the labels Nc (Normally Closed), NO (Normally Open), COM (Common), L (Line), and N (Neutral) for electrical connections.

Wiring Terminal Guide:

- **L (Line):** Connect to the incoming live (hot) wire from the power source.
- **N (Neutral):** Connect to the incoming neutral wire from the power source.
- **COM (Common):** This is the common terminal for the switch output.
- **NO (Normally Open):** Connect to the appliance's live wire if you want the appliance to turn ON when the timer activates.
- **Nc (Normally Closed):** Connect to the appliance's live wire if you want the appliance to turn OFF when the timer activates (less common for typical ON/OFF scheduling).

Ensure all connections are secure and comply with local electrical codes.

OPERATING INSTRUCTIONS

The KERDE TJ01-G timer allows you to set specific ON/OFF times for your connected appliance.

TJ01-G TIMER PARAMETERS



Image: The KERDE TJ01-G timer dial with labels pointing to "Present time", "Dial", "Program", "Hour needle", "Minute", and "switch".

Instructions for setting the timer are also shown: 1) Correct the present time, 2) Push segments outwards for working ON, 3) Push the switch to the required position (I=ON, Circle=Automatic, O=OFF).

Setting the Current Time:

1. Rotate the entire dial clockwise until the current time aligns with the "Present time" indicator (usually a small arrow or mark on the stationary part of the timer).
2. The dial is marked with 24 hours (0-23 or 1-24), with each segment representing 15 minutes.

Setting ON/OFF Programs:

1. Identify the small segments around the outer edge of the dial. Each segment represents a 15-minute interval.
2. To set an "ON" period, push the corresponding segments outwards. The appliance will be ON during these pushed-out segments.
3. To set an "OFF" period, leave the corresponding segments in their inward position. The appliance will be OFF during these

inward segments.

4. The timer will repeat this program every 24 hours.

Using the Manual Override Switch:

The timer features a 3-way manual override switch, typically located on the side or front of the timer. This switch allows you to temporarily or permanently override the set program.



Image: The KERDE TJ01-G timer with an explanation of its 3-way manual override switch. The positions are labeled: 'I' for permanent ON, a clock icon for automatic (timer program), and '0' for permanent OFF. Corresponding circuit diagrams illustrate each state.

- **I (Permanent ON):** When the switch is in this position, the appliance will remain ON continuously, overriding any set program.
- **(Clock Icon) (Automatic):** In this position, the timer will operate according to the ON/OFF program you have set using the segments.
- **0 (Permanent OFF):** When the switch is in this position, the appliance will remain OFF continuously, overriding any set program.

Always return the switch to the automatic position for programmed operation.

MAINTENANCE

The KERDE TJ01-G timer is designed for reliable operation with minimal maintenance.

- **Cleaning:** Periodically wipe the exterior of the timer with a soft, dry cloth. Do not use liquid cleaners or solvents, as they may damage the unit.
- **Inspection:** Regularly inspect the wiring connections to ensure they remain secure. Check for any signs of wear, damage, or overheating.
- **Environment:** Ensure the timer is installed in an environment suitable for its intended use (indoor/outdoor as specified), protected from excessive moisture, dust, and extreme temperatures.

No user-serviceable parts are inside the timer. Do not attempt to open or repair the unit yourself.

TROUBLESHOOTING

If you encounter issues with your KERDE TJ01-G timer, consider the following common troubleshooting steps:

- **Timer Not Turning ON/OFF:**
 - Check if the manual override switch is in the "Automatic" (clock icon) position. If it's in "I" or "0", the program will be overridden.
 - Verify that the segments for the desired ON/OFF times are correctly pushed outwards (ON) or left inwards (OFF).
 - Ensure the current time is correctly set on the dial.
 - Check the power supply to the timer and the connected appliance.
- **Appliance Not Receiving Power:**
 - Confirm that the wiring connections (L, N, COM, NO/Nc) are secure and correct according to the diagram.
 - Test the appliance by plugging it directly into a power source to rule out an appliance malfunction.
 - Check for tripped circuit breakers or blown fuses.
- **Timer Dial Not Moving:**
 - Ensure the timer is receiving power.
 - If the timer is new or has been stored, it might take a few minutes for the mechanism to start moving after power is applied.

If these steps do not resolve the issue, contact customer support or a qualified electrician.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact KERDE customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: KERDE

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question