



MAJOR TECH MTD4 Analogue Timer Instruction Manual

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INSTRUCTION MANUAL

MTD4

24 HOUR ANALOGUE TIMER



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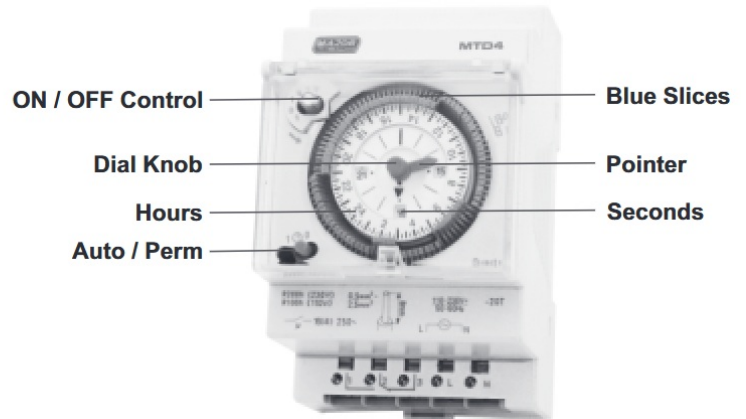
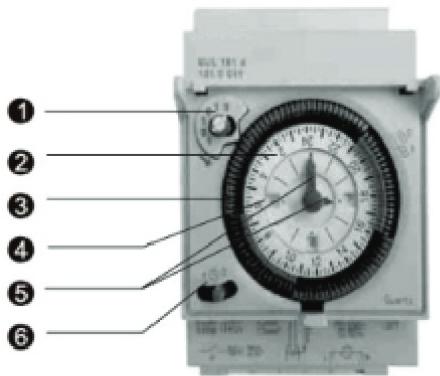
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GENERAL DESCRIPTION

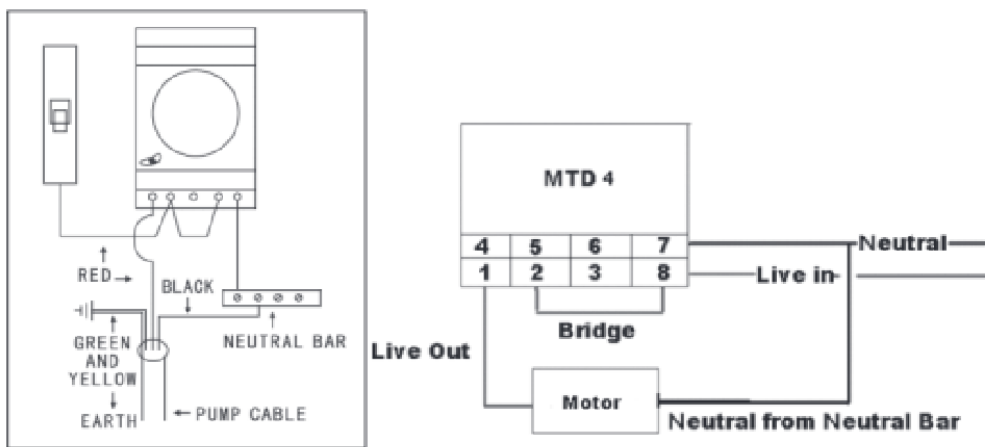
The MTD4 Analogue Timer is ideal for geysers, swimming pools, heaters, irrigation, office power, homes or industrial. The timer can be set daily with 8 ON/OFF programs to control appliances in 24 hours or set weekly with 96 programs to control ON or OFF in one week.

OPERATING INSTRUCTIONS

1. Switching pre-selection/manual setting
2. Program timing disc. Use at least two switching segments at each activation
3. Switching segments (1 = 15 mins)
4. Morning/Afternoon (AM/PM) time display
5. Hand for setting time (hours and minutes) can be adjusted **anti- clockwise** and clockwise; turn minute hand firmly to left
6. Three way switch: Permanent ON – AUTO -Permanent OFF



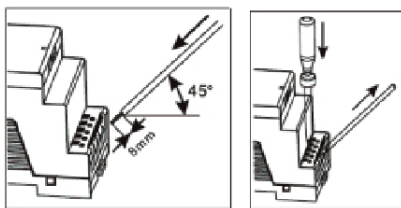
WIRING DIAGRAM



MOUNTING INSTRUCTIONS



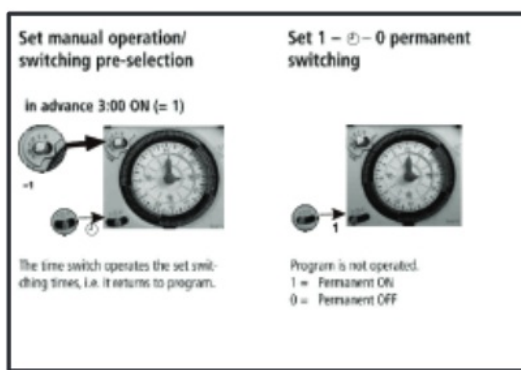
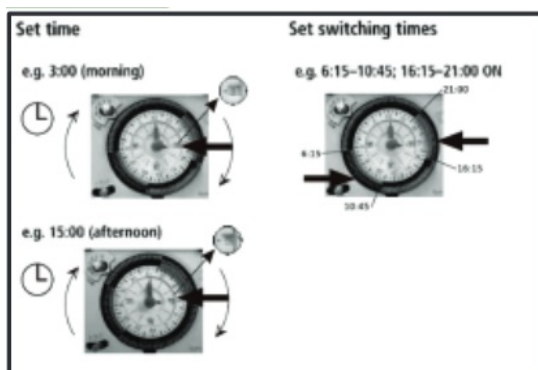
Safety Information: Electrical devices should only be connected and mounted by an electrical specialist. Manipulations and Modifications on the timer will result in loss of warranty. The national specifications and applicable safety regulation must be observed.



The quartz movement starts automatically after a few minutes once the Timer has been connected to an AC power supply of 230 Volt/ 45-60 Hz AC. The full power reserve is built up after about 3 days but the timer, once connected can be set up and used immediately.

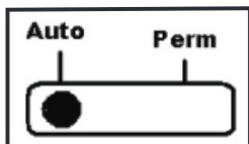
SETTING THE TIME

You have to set the timer using the Pointer (Black Diamond Shape) as reference by turning the Dial Knob clockwise until the corresponding number (Current time) falls under the pointer. You can set the seconds as well. The seconds run in sequence from 0 at intervals of 5 seconds to 60.



PROGRAMMING THE TIMER

Press down the blue slices at the time intervals you want the timer to switch on. Keep in Mind each blue slice represents half an hour and every little line between each number || represents half an hour. (1, 1½, 2 etc.). Move the button at the bottom left corner to **AUTO**. The timer should work as required.



OVERRIDING THE TIMER

If the timer has switched **ON** and you would like to keep it **ON** without changing any of your settings, move the button in the bottom left hand corner to the **PERM** position, this will keep the unit on permanently. When no longer required to stay **ON**, move the button back to **AUTO** to revert to your normal programmed times. The MTD4 will carry on using your previously programmed settings. If the timer has switched **OFF** and you would like to keep it of without changing any of your settings move the button in the bottom left hand corner to the **PERM** position again. This will keep the unit **OFF** permanently. When no longer required to stay off, move the button back to **AUTO** to revert to your normal programmed times. The MTD4 will carry on using your previously programmed settings.

TURNING YOUR TIMER ON OR OFF MANUALLY.

To switch the timer **ON** or **OFF** in the **PERM** position at any time desired use the **ON / OFF** control to force the unit to turn on or off. (The button in the left hand bottom corner has to be on **PERM**)



EMV/CEN/EMC/ETY

The timer has been build in accordance with European directives 73/23/EEC (Low Voltage Directive) and 89/336/EEC (EMC – Directive). If the timer is used together with other devices in an installation, take note that the complete installation does not cause radio interference.

General Specifications

Basic Functions	Range
Programs	96 ON/OFF (24 HRS)
AC Rating	230V
Resistive Load	16A /1100W
Connection	Din Rail
IP Rating	IP20
Battery	Lithium - 150 Hour Back Up
Certification	IEC60730-1
Operating Voltage	110-230V, 50-60 Hz
Power Consumption	Max. VA
Switching Contact	Potential-Free
Contact	Two-Way Switch
Gap	<3mm (μ)
Contact Material	Ag
Switching Capacity	16A, 250V, $\cos \phi = 1$
Incandescent Lamp Load	1100W
Fluorescent Lamp Load	Parallel-Corrected
Perm. Ambient Temperature	-20°C to 55°C
Protection Class	II in acc. With EN 60730-1 for designated installation
Protection Rating	IP20 in acc. With EN 60529
Time Accuracy	$\geq \pm 5/5$ day at 20°C
Power Reserve	R 200 h (230V), R 100 h (110V)
Pollution Degree	2
Type	1 BSTU



MAJOR TECH (PTY) LTD

South Africa

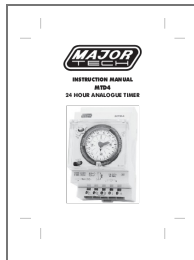
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Documents / Resources



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MTD4 Analogue Timer, MTD4, Analogue Timer, Timer

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