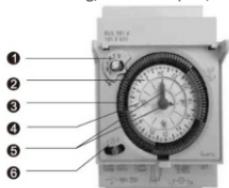# INSTRUCTION MANUAL
MTD4
DAILY ANALOGUE TIMER

1. GENERAL DESCRIPTION

The MTD4 Daily Analogue Timer is ideal for geysers/hot water systems, swimming pools, heaters, irrigation, office power, homes or industrial. The timer can be set daily with 48 ON/OFF programs to control appliances in 24 hours.
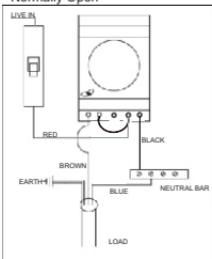
2. OPERATING INSTRUCTIONS

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
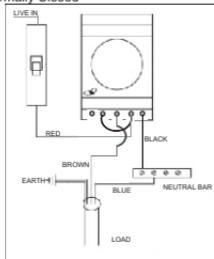6 - Three way switch: Permanent ON - AUTO - Permanent OFF

3. WIRING DIAGRAM
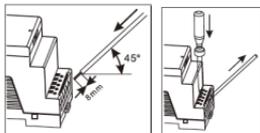

Normally Open

Normally Closed

4. MOUNTING INSTRUCTIONS

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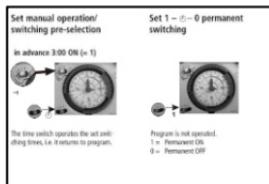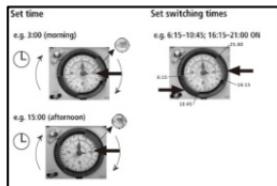

The quarts movement starts automatically after a few minutes once the Timer has been connected to an AC power supply of 240 Volt/ 50-60 Hz AC. The full power reserve is built up after about 3 days but the timer, once connected can be set up and used immediately.
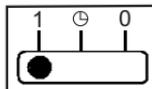
5. SETTING THE TIME
You have to set the timer using the Minute Hand/ Time Set Dial as reference by turning the Dial Knob clockwise until the corresponding number (Current time) falls under the pointer. The MTD4 is also equipped with 3 windows to easily identify between AM/PM.

6. PROGRAMMING THE TIMER
Press down the blue pins at the time intervals you want the timer to switch on. Keep in mind each blue pin represents 15min and it's corresponding line on the dial. Move the button at the bottom left corner to ⏲. The timer should work as required.
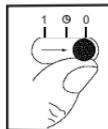

7. OVERRIDING THE TIMER
If the timer has switched **ON** and you would like to keep it **ON** without changing any of your settings, move the button in the bottom left hand corner to the **1** position, this will keep the unit on permanently.

When no longer required to stay **ON**, move the button back to ⏲ 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 off without changing any of your settings move the button in the bottom left hand corner to the **0** position again. This will keep the unit **OFF** permanently.

When no longer required to stay off, move the button back to ⏲ to revert to your normal programmed times. The MTD4 will carry on using your previously programmed settings.

8. TURNING YOUR TIMER ON OR OFF MANUALLY.
To switch the timer **ON** or **OFF** in the ⏲ 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 ⏲)

ON = ⏲ - / ⏲   OFF = ⏲ / ⏲

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.

9. General Specifications

Basic Functions	Range
Programs	48 On/Off (24hours)
AC Rating	220V - 240V
Load	Resistive 16A /3500W ; Inductive 4A/1100W
Connection	Din Rail
IP Rating	IP20
Battery	Rechargeable NiMH
Certification	IEC60730-1, IEC60730-2-7, AS/NZS60730-1, AS/NZS60669-1
Operating Voltage	110-240V, 50-60 Hz
Power Consumption	Max. 1VA
Contact	Two-Way Switch
Gap	<3mm (μ)
Contact Material	Ag (Silver)
Switching Capacity	16A, 250V, cos φ = 1
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	≥ ±5/5 day at 20°C
Pollution Degree	2