MAJOR TECH (PTY) LTD REG No: 1992/001859/07

HEAD OFFICE

CNR Rover & Jaguar Roads, Rustivia Ext. 3, Elandsfontein, SOUTH AFRICA
PO Box 888, Isando, 1600, SOUTH AFRICA
Tel: +27 (0) 11 822 1551 | Fax: +27 (0) 11 822 1411 | Sales Fax: +27 11 822 2806
Email: info@major-tech.com | Website: www.major-tech.com

BRANCHES: DURBAN: +27 (0) 31 700 4222   PORT ELIZABETH: +27 (0) 41 453-3818   CAPE TOWN: +27 (0) 21 556-3091

MTD8 INSTRUCTION MANUAL

Don't connect to an appliance where the load exceeds 20 Amp.
The Max load is indicated on your timer and the Packaging the unit is supplied with.
Always ensure connection cables (wires) are inserted correctly into the connection slots and secured.
If cleaning of the timer is required, remove from the mains power and wipe timer with a dry cloth.

> **In accordance with SANS 10142-1:2009, section 5.25, the contact of the MTD8 has to be protected by a suitable protective device; in this case a 20Amp DIN mount MCB.**

Do not immerse timer in water or any other liquid.

BRIEF INTRODUCTION

1. The timer has a total of 8 ON/OFF programs.
2. MANUAL ON/AUTO/MANUAL OFF can make settings as required.
3. 12/24 hour mode is switchable.
4. Summertime function is very useful for areas with summertime system.
   (Used for different time settings for summer and winter)
5. 16 combinations of day or blocks of days are available for this timer as follows:
   - Monday
   - Tuesday
   - Wednesday
   - Thursday
   - Friday
   - Saturday
   - Sunday
   - Mo,Tu,We,Th,Fr,Sa,Su
   - Mo,Tu,We,Th,Fr,
   - Sa,Su
   - Mo,Tu,We,Th,Fr,Sa
   - Mo,We,Fr
   - Tu,Th,Sa
   - Mo,Tu,We
   - Th,Fr,Sa
   - Mo,We,Fr,Su

INITIAL OPERATION

1. Connect the timer to your regular 220/240 volt household power supply (2. Live and 1. Neutral) and turn the power on by pressing and releasing the little round button under the R (Reset) if your timer is off.
2. The internal backup battery will be fully charged in approximately 12 hours if there are no power outages.
3. While charging and on, clear all current information buy pressing the R (master clear) button with a sharp object such as a pen or pencil. The timer is now ready to be set up for use.

SETTING CURRENT TIME

Press the **C+** button and **keep it depressed**, now press the W+ (week) button until the actual day is displayed, then press **H+** (hour) or the **M+** (minute) button until the current hour or minute is displayed.
Release all buttons when you are done. The day and time will be set.

SETTING FOR PROGRAMS

Prior to setting Programs first Press the Manual button until you see "OFF" on the timer screen.

Press the ⏰ (clock) button and release. The first "ON" setting can be made now. "1 ON" appears on the screen.

1. Press the **W+** (week) button to set the day repeatedly desired or blocks of days . Set the time by pressing the **H+** (hour) button and then **M+** (minute) button.

2. Press the (clock) button again to finish the first **"ON"** setting and enter into the first **"OFF"** setting. Press the **W+** (week) button to set the day or blocks of days again. Set the time by pressing the **H+** (hour) button and then **M+** (minute) button.

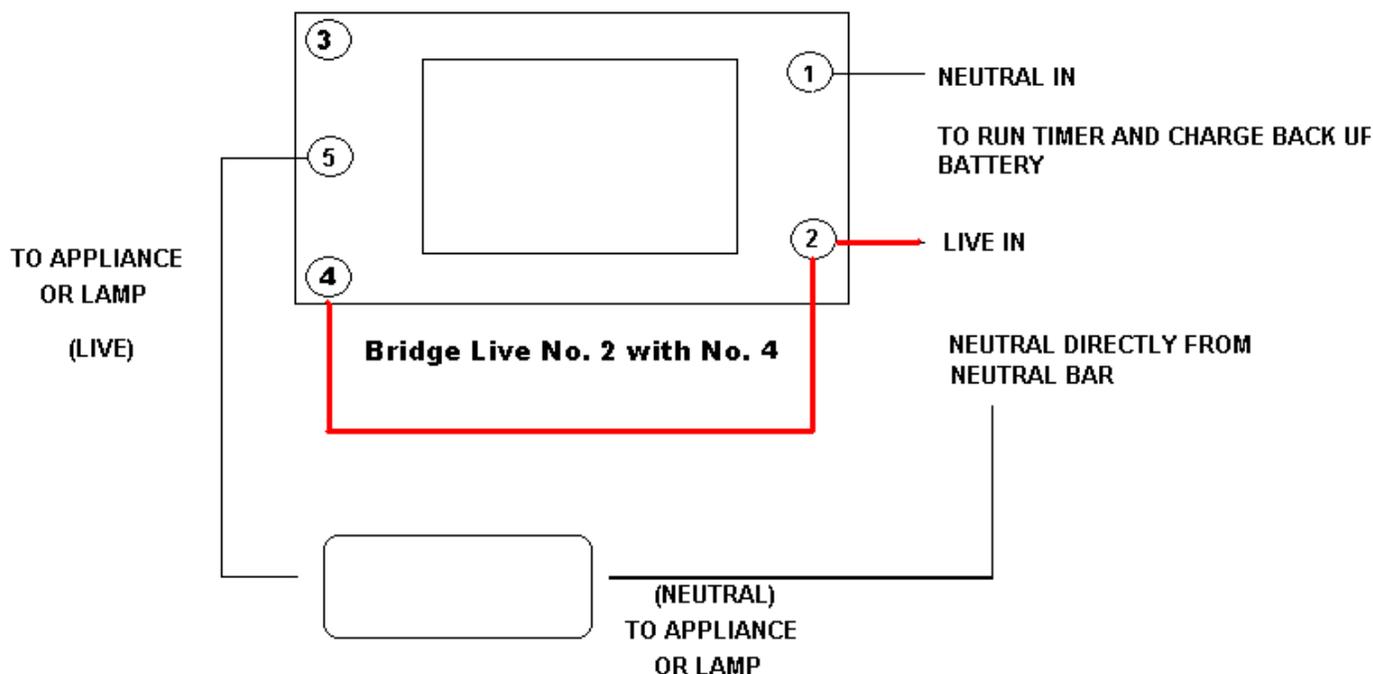**(Make sure the weekdays are selected on all "ON" and "OFF" settings)**

3. Press the ⏰ (clock) button again to finish the first **"OFF"** setting and enter into 2nd **"ON"** setting.

Repeat step 1 - 3 for each of the subsequent time settings (programs).

4. The timer will switch on at the next time programmed if the present time is within an **"ON"** part of a program.

5. Once the final **"OFF"** setting has been entered, press the **C+** button to return the main programming window.

Remember before you started setting the programs you were asked to put your timer in **"OFF"** mode. Now that the timer has been programmed press the manual button until you see **"ON"**, press it again until you see **"OFF"** and one last time to bring it to **"AUTO"**. This is a very important sequence that has to be followed every time even if you just go in to the program mode to check the times and days.

MTD8 - WIRING

MAJOR TECH (PTY) LTD REG No: 1992/001859/07

HEAD OFFICE
CNR Rover & Jaguar Roads, Rustivia Ext. 3, Elandsfontein, SOUTH AFRICA
PO Box 888, Isando, 1600, SOUTH AFRICA
Tel: +27 (0) 11 822 1551 | Fax: +27 (0) 11 822 1411 | Sales Fax: +27 11 822 2806
Email: info@major-tech.com | Website: www.major-tech.com

BRANCHES: DURBAN: +27 (0) 31 700 4222   PORT ELIZABETH: +27 (0) 41 453-3818   CAPE TOWN: +27 (0) 21 556-3091

General Q&A

A summer time function is referred to. This is how it works.

This is function more applicable to the northern hemisphere where you have to adjust for an hour in summer. To add an hour press c+ and while you are holding it down press the manual button once. It will display summer and add 1 hour to the clock.

It refers to a 12/24 hour switchable mode. This is how you can set it up.

To get the 24/12 mode hold down the c+ button and press the clock button on it's right once. If am and pm time settings are required, it is advisable to use the 24HR mode (i.e. 0:00 = 12am and 12:00 = 12pm)
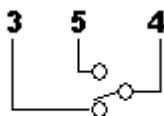
To exit programming.

Press c+ after you have programmed your settings.

The RES/RCL button is not mentioned on the Instruction Manual.

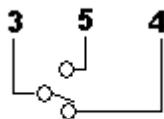Reset or Recall (This is to disable a programmed time -:-- or recall it again 18:00)

New Timer 20a

NEW

4 and 3 are normally closed contacts.
5 is the normally open contact.

Old 20a and 16a Timer

OLD

On the old timer 1 is live and bridged to 3, Load OR Output remains 5
On the new timer 2 is live and bridged around to 4, Load or Output remains 5