



Central Heating
NEW ZEALAND



Model: TM1 NZ-V3

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Table of Contents

Product Image	1
Table of Contents	2
Installation Procedure	3-4
LCD Display	5-6
Setting the Clock	7
Locking the Time Clock	8
Setting the Switching Times	9
Timer Override	10
Countdown Mode	11
Holiday	12
Optional Features Explained	13
Optional Features - Table	13
Adjusting the Optional Features	14
Factory Reset	15
Wiring Diagrams	16-17



Installation Procedure



Do

Mount the time clock at eye level.

Read the instructions fully so you get the best from our product.



Don't

Do not install near to a direct heat source as this will affect functionality.

Do not push hard on the LCD screen as this may cause irreparable damage.

This Slimline Series time clock is designed to be flush mounted and requires a back box of 35mm (minimum depth) to be sunk into the wall prior to installation.

Step 1

Carefully separate the front half of the time clock from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the unit.

Step 2

Place the time clock LCD panel somewhere safe.

Terminate the back panel as shown in the diagrams on pages 16-17 of this booklet.

Step 3

Screw the time clock back plate securely into the back box.

Step 4

Clip the front of the time clock back onto the back plate.

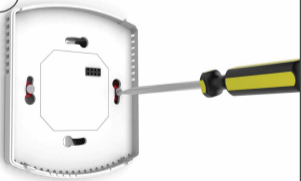
1



2

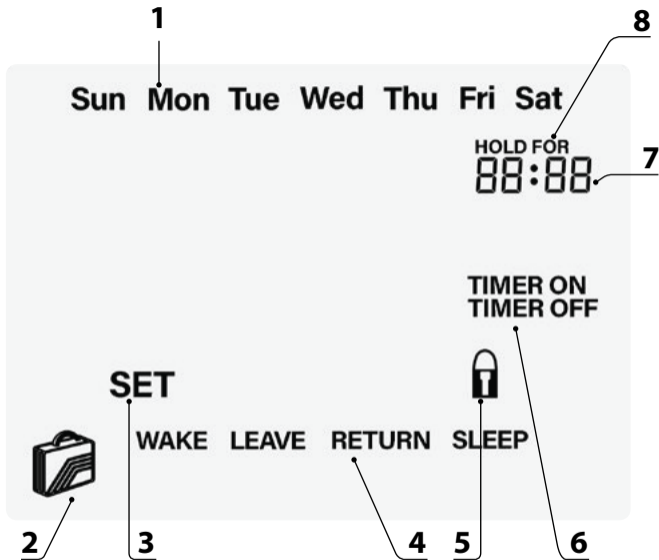


3



4
















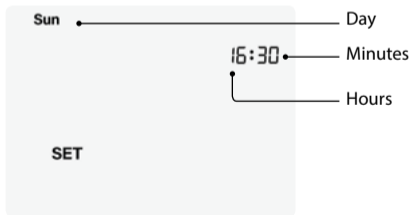
1. Day Indicator - Displays the current day.
2. Holiday Indicator - Displayed when the time clock is in holiday mode.
3. Set - Indicates when changes are being made to programs or clock settings.
4. Program Cycle Indicators - Displayed during programming only to show which period is being altered.
5. Keypad Lock Indicator - Displayed when the keypad is locked.
6. Timer Status – Displays the current status of the timed output.
7. Clock - Digital clock display in 24h format.
8. Hold For - Displayed when a timer override is active, the remaining time will be shown.



Setting the Clock

To set the clock, follow these steps.

- In Countdown mode, press the Clock button once 
- In either 5/2, 7-day, or 24h mode, press the Clock button twice 
- Use the Up/Down buttons to set the hours.....  
- Press H to confirm settings 
- Use the Up/Down buttons to set the minutes.....  
- Press H to confirm settings 
- Use the Up/Down buttons to set the day of the week  
- Press A to confirm settings and return to the main display 





Locking the Time Clock

This time clock has a keypad lock facility. To activate the lock follow these steps.

- Press and hold the A and Down keys together for 10 seconds
- You will see the lock symbol appear on screen
- To unlock, repeat the steps above until the lock symbol disappears.



Note: The keypad lock indicator is only displayed when the lock is active.









Keypad Lock Indicator



Setting the Switching Times

To program the switching times, follow these steps.

- Press the Clock button once 
- You will see Mon (7 day mode), Mon - Fri (5/2 day mode) or Mon -Sun (24H mode) displayed on screen. Use the Up/Down buttons to select the TIMER ON for the WAKE switching period 
- Press H to confirm settings..... 
- Use the Up/Down buttons to select the TIMER OFF for the WAKE switching period 
- Press H to confirm settings..... 
- Repeat these steps for LEAVE, RETURN and SLEEP levels.
- For unused periods set the time to -- : -- and the time clock will ignore the setting.
- If set to 5/2-day mode you'll now see Sat Sun displayed on screen. Repeat steps above for the weekend settings.
- Press A to confirm settings and return to main display 



Timer Override

The time clock is able to override its current timer status.

If current status = Timer ON, – pressing A will switch it to Timer OFF **A**




(TIMER OFF will flash to inform you the programmed output has been overridden)

The time clock will return to the program at the next programmed time.





Countdown Mode

- Use the Up/Down buttons to set the countdown duration  
- Press A to confirm settings 
- Hold For will appear showing the time left.

When Hold For is displayed on screen, the output will be active.



To cancel a countdown period, reduce time to 00:00.






Holiday

The holiday function allows you to quickly enter a holiday setting.

During a holiday, the time clock will maintain TIMER OFF.

At the end of your holiday, the time clock will revert back to the programmed setting.

- Press H once (you will see the suitcase displayed on screen)..... 
- Use the Up/Down buttons to enter the number of days holiday 
- Press A to confirm settings..... 

The display will show a suitcase indicating the time clock is in holiday mode.

Note: A holiday period does not start until 00:00 the next day. For example, if you set a holiday period on Friday for 2 days, Saturday will be counted as the first day and the time clock will revert back to the programmed schedule at 00:00 on Monday.



Holiday Days

ON Indicator

To cancel, follow the same steps but reduce the holiday duration to 00 days.



Optional Features Explained

THE FOLLOWING SETTINGS ARE OPTIONAL AND IN MOST CASES NEED NOT BE ADJUSTED

Feature 01 – Programming Mode: The following program modes are available; 5/2 Day Programming – 4 levels for the weekdays and 4 different levels for the weekend.
7 Day Programming – 4 levels for each day.
24 Hours – 4 levels over a 24-hour period.

Feature 02 - Time Clock Mode: Here you can set in which mode you would like the time clock to operate. The options are, Countdown Timer or Programmable (Switching Times).



Optional Features - Table

Time Clock

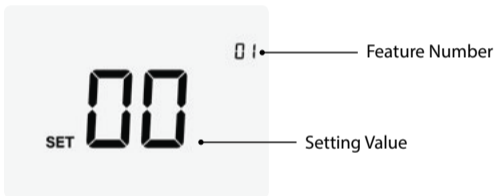
FEATURE	DESCRIPTION	SETTING
01	Programming Mode	00 = 5/2day (default), 01 = 7day, 02 = 24 hours
02	Time Clock Mode	00 = Countdown, 01 = Programmable (Default)



Adjusting the Optional Settings

To adjust the optional settings, follow these steps.

- Press and hold the Power button to turn the time clock OFF.....
- Press and hold the Clock key until the display appears as shown below.....



- Use the Clock key to cycle through the features
- Use the Up/Down keys to change the setting.....
- Press A to confirm settings
- Press the Power button once again to turn the time clock back ON





Factory Reset

The time clock has a reset function to restore all settings to their factory defaults.

To perform a factory reset, follow these steps.

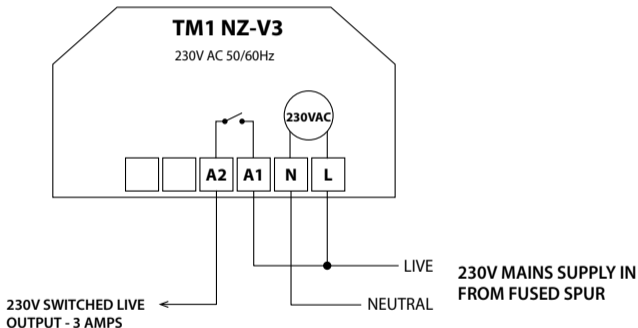
- Hold down the 'Power' button to turn off the display.....
- Press and hold the Power and Up keys together until the LCD powers up.
All of the icons will be displayed on screen momentarily
- When the icons have disappeared from the screen, the time clock has
been successfully reset.
- Tap the 'Power' button to turn the display on.....





Wiring Diagram - TM1 NZ Switch Live Output

THIS UNIT MUST BE PROTECTED BY A FUSE OR RCD

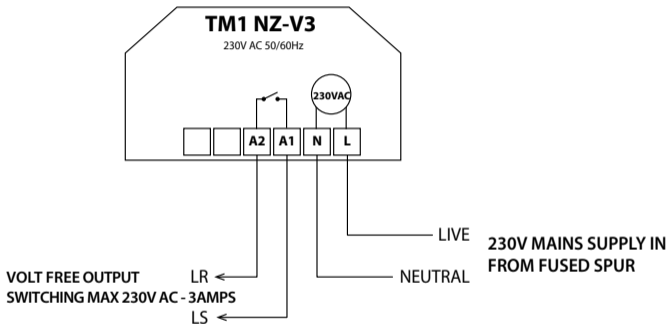


This product must only be installed by a qualified electrician and comply with local installation regulations.



Wiring Diagram - TM1 NZ to Voltfree Output

THIS UNIT MUST BE PROTECTED BY A FUSE OR RCD



This product must only be installed by a qualified electrician and comply with local installation regulations.



Refer to the manufacturers instructions for wiring to these devices.

This image shows a full page of white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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PDF



FAQ