

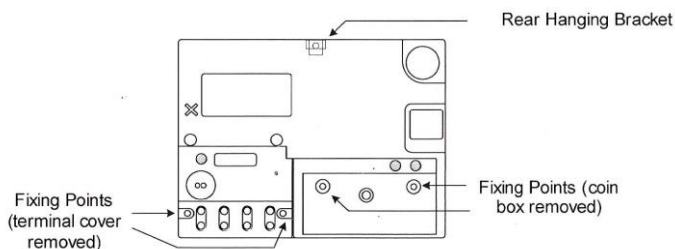
Installation and Connection

NOTE: The installation of this device must only be undertaken by a suitably trained and qualified electrician; all local safety standards must be observed. All work must satisfy Building/IEE Wiring Regulations in force at the time. Work must be passed by and approved NICEIC member.

Fixing

The timer is intended to be used within an indoor environment and must be positioned away from sources of water, excess heat and humidity. If installing outside, the timer must be fitted within a weatherproof timer cabinet or similar IP rated box.

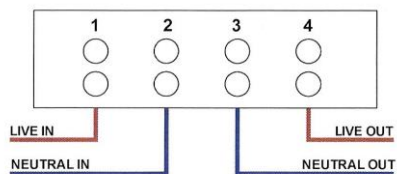
The timer should be fitted onto a level firm wall, timer board or cabinet. Several mounting points are provided as shown below:



When installing the timer, initially it should be hung from the rear hanging bracket using a suitable round headed screw. The screw depth should be adjusted so the head fits snugly under the hanging point and the timer is held firm against the wall. Once hung, ensure the timer is level then mark and screw the timer to the wall securely using the four fixing points; two are located under the grey terminal cover and two are under the coin box (see drawing above).

Wiring

The timer is wired using the connections found under the grey terminal cover as follows:



The timer must be protected against overcurrent. This is normally as part of the building installation (Service fuse to BS1361) or equivalent; maximum current rating through the timer must not exceed 100Amps.

Product Support

Our contact details for further support or service are as follows:

Westwood Meters & Timers Ltd

Torre Station Yard ♦ Newton Road ♦ Torquay ♦ Devon ♦ TQ2 5DD

Tel: 01803 297179 ♦ Fax: 01803 299080 ♦ www.electricmeters.co.uk



TIMER – MODEL: MP11.z OPERATING INSTRUCTIONS

Before use please read these instructions carefully

Thank you for purchasing this coin operated timer. These instructions are intended to provide information on the installation, operation and programming of the timer. Please keep for future reference.

This timer is designed to be used for the control of the electricity supply for timed services such as showers, lighting or air conditioning.

Basic Features

The timer is available in different versions that will allow either Pound Sterling £ or Euros € to be accepted. In both cases the timer will accept 1 or 2 coin values pre-programmed at the factory. The timer is also available in a version that accepts Tokens. Coins are inserted into the top coin hole as shown on the timer front. Any reject coins are returned from the chute below.

An electronic display indicates the amount of time remaining. The display is also used for the programming of timer periods for each coin value.

A coin box collects all accepted coins and should be secured using a 6mm shank padlock (not supplied). Smaller sized padlocks will allow movement in the coin box and should not be used. Removal of the coin box is automatically detected and enables the programming function of the timer.

The timer is programmed using the two buttons found in the coin tray compartment. The programming function allows the energy price to be set and standing charge to be collected daily. A debt collection facility also allows a pre-set amount to be collected daily. The total amount for collection is programmed and the timer will reduce this each day by collecting monies from the users remaining credit balance.

A timer is programmed using the two buttons found in the coin tray compartment. The programming function allows the run time for each programmed coin value to be set.

The consumption of energy can be seen using the red LED light below the display. The light flashes 1000 times for every 1kWh of energy used.

User Display Operation

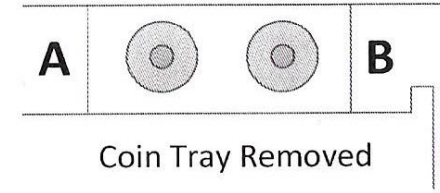
The timer will show the amount of time remaining to the user from coin inserted. Example: **00:02.30** means a time of 0 hours, 2 minutes and 30 seconds is remaining.

When all the time has been used the work **OFF** will be shown on the display and the supply disconnected. A red illuminated cross symbol also indicates supply disconnection.

When a coin is inserted and accepted by the timer **Coin in** will be shown on the display. The value of the coins accepted is added to the time value. Subsequent coins can be inserted to extend the time while the timer is running.

Programming

The timer is programmed using two push buttons accessed when the coin tray is removed. The buttons are shown in the diagram below and are marked on the timer as A and B.



The A button is used to move through each display. When moving through a display the active (settable) number is shown flashing, the value of the active number can be increased using the B button.

Programming Display Cycle

Press the A button to enter the programming cycle:

Display test	Test display to ensure all segments on the LCD are working. For information only, cannot be changed
PC 0010	Program Counter – The number of times the timer has been programmed. For information only, cannot be changed
t Cr 0029	Total Credit – Total amount of cash accepted by the timer in £/€. For information only, cannot be changed
CLEAR n	Allows the timer to be cleared e.g for next occupant. If set to 'n' – remaining run time not changed If set to 'y' - remaining run time is cleared and the supply will be disconnected
0r n 00.05	Timer run time for coin 1 – sets the amount of time in hours/minutes the timer will run for each coin 1 accepted. Example: 0 hours, 5 minutes
1r n 00.01	Timer run time for coin 2 – sets the amount of time in hours/minutes the timer will run for each coin 2 accepted. Example: 0 hours, 1 minute

Note that if the timer has been purchased to operate with a single token or single coin the '0r n' and '1r n' run time settings must be set to the same value.