

1. General Information

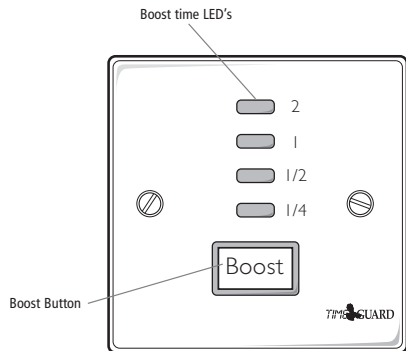


Fig. 1
TGBT4 Front Panel

Contents

- 1 TGBT4 Boostmaster.
- 2 3.5mm screws.
- 1 Bag containing: 2 screws, cable blank and cable clamp.
- 1 Instruction leaflet.

The TGBT4 is a boost timer giving a range of boost times from 1/4hr to 2hrs covering the majority of requirements for heating, ventilation and lighting (a light switch may be replaced by this unit if a neutral is available).

The unit fits on a single gang wall box, flush or surface, 25mm deep and above.

It can be instantly cancelled or reset and the 1/4hr LED flashes a warning of time out.

A blanking plate can be removed to allow an appliance cord to outlet from the lower front.

2. Installation

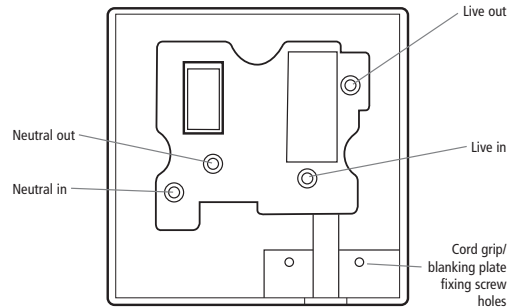


Fig. 2
TGBT4 Rear Connections

The unit is designed to replace an existing single gang connection unit, socket outlet or fixed appliance outlet. The unit is capable of forming part of a ring main (the terminals can accept 2 x 2.5mm sq. cables) or terminating a spur off the ring main. The unit requires a minimum depth of 25mm within the box.

Ensure that the wiring is adequate for the load to be carried. Connect incoming and outgoing cables to the relevant terminals. Secure the unit to the back box with the 3.5mm screws provided forming the cables during installation to avoid entrapment and cable damage.

Use the earth terminal in the back box for earth continuity if required. If installed into a metal back box, earthing of the back box is required.

There is a removable cable blank to cover the front cable exit if this feature is not required. If front exiting cable is required use the cable clamp supplied to secure the outgoing cable.

3. Operation

The required boost time is selected by pressing the button marked Boost repeatedly. The LED's adjacent to the time markers (above the Boost button) will light up in the sequence:-

- First push gives 1/4hr boost (LED opposite 1/4 is on)
- Second push gives 1/2hr boost (LED's opposite 1/4 and 1/2 are on)
- Third push gives 1hr boost (LED's opposite 1/4, 1/2 and 1 are on)
- Fourth push gives 2hr boost (LED's opposite 1/4, 1/2, 1 and 2 are on)
- Fifth push returns to zero boost (all LED's out)

Once the boost selected is underway the LED's will go out sequentially indicating the approximate boost time remaining. The LED which is about to go out will flash when there is less than 2 minutes remaining of that period.

Example:- 2hr boost has been set.

After 1hr the 2hr LED will go out indicating 1hr remaining.

After a further 1/2hr the 1hr LED will go out indicating 1/2hr remaining. After a further 1/4hr the 1/2hr LED will go out indicating 1/4hr remaining.

In this way the user has an approximate guide to the remaining duration of the boost.

Stopping or Increasing Boost

If it is less than 15 seconds since the Boost button was pressed the boost may be stopped at any time by pressing the Boost button repeatedly until all the LED's are extinguished. After 15 seconds the boost may be stopped by a single press of the Boost button.

The boost period may be changed at any time by pressing the Boost button until the required time LED is lit. In which case the indicated boost time will start from when the Boost button was pressed.

If the button is pressed and then held the LED's will cycle upwards with 1 second between each change. It will go in the sequence 1/4, 1/2, 1, 2, OFF, 1/4, 1/2 etc.

4. Specifications

This product complies with:	LVD Directive 72/23/EEC. EMC Directive 89/336/EEC.
and relevant clauses of the following standards:	BS EN 60730-7-2:1992; Particular requirements. Timers and time switches.
Permissible loads:	13A resistive. 5A inductive. 1000W filament lamps. 500W fluorescent lighting. 100W low energy lamps.
	For other loads refer to technical service on 020-8450-0515.
Operating ambient temperature:	0 to +40°C.
Operating voltage:	230VAC, 50Hz.
Boost times:	1/4hr, 1/2hr, 1hr, 2hr.
Size:	85mm L x 85mm W x 31mm D.
Front projection:	15 at sides to 22 at centre.
Minimum wall box depth:	25mm.



In the unlikely event of this product becoming faulty due to defective material or manufacture, within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge. For years 2 and 3 or any difficulty in the first year telephone our helpline on 020 8450 0515.

for assistance with the product please contact:

HELPLINE
020 8450 0515

or email helpline@timeguard.com



For a product brochure please contact:

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BoostMaster

Electronic Boost Timer

Model: TGBT4



Installation & Operating Instructions