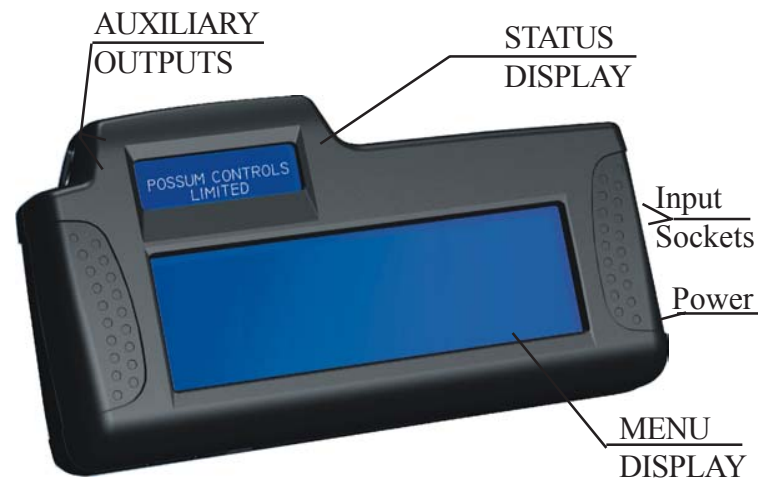
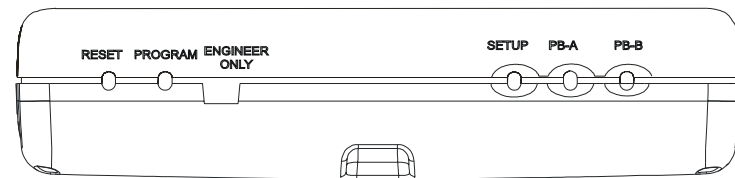


# HC1400 PRIMO!

## FRONT VIEW



## BOTTOM VIEW



## MENU DISPLAY

The MENU display, displays the menus that are preprogrammed by the installation engineer. The MENU display has up to 14 selection positions. Each position may have been programmed by the installation engineer, most of the functions will be a single action such as TV channel change. Some may be more complex such as a dial telephone number or display new menu.

## STATUS DISPLAY

The top part of the Status display usually displays the menu name and the bottom half displays the battery status. Depending on the installation, various other status messages may also be displayed.

## SLEEP TIMER

After a period of time, which is adjustable by the engineer, the display will turn off. This extends the battery life, but also makes the unit dark when not in use at night. The PRIMO! will restart as soon as an input is pressed.

## SCANNING

The functions on the PRIMO! are normally selected by scanning. When a scan procedure is started by pressing an input the selection positions will highlight in turn. Stopping the scan at a position normally activates the function possibly after a delay. You will be trained for the setup of your PRIMO!.

## RESET BUTTON

There is a small concealed button located on the bottom (left side) of the PRIMO! which may be used if the unit stops responding to the input. This is labelled RESET. You will need to know where this button is located if you are contacting Possum for advice on a system that appears to be malfunctioning.

## PROGRAM BUTTON

There is a small concealed button located on the bottom of the PRIMO! which may be used by a carer to change unit settings. This is labelled PROGRAM. You will need to know where this button is located if you are contacting Possum for advice on a system SET-UP. The button has to be held for 6 seconds until you hear a ping released and reheld for 6 seconds until the text display states "enter func code obtain from Possum".

## SETUP BUTTONS

There are 3 small buttons located on the bottom (right side) of the PRIMO! labelled SETUP, PB-A, PB-B which are used for setting up your PRIMO! by an engineer only.

## AUXILIARY OUTPUTS

- 2 There are two 3.5mm mono jack sockets on the top (left side) of the PRIMO! labelled 1 & 2.
- 1 Volt Free contacts Maximum 12V 100mA. Please contact Possum Controls Ltd for further information.

## SWITCH INPUT SOCKETS



The input sockets are located on the right hand side of the unit. These 3.5mm sockets will take the standard Possum input switches. If a non Possum switch is to be used, it must be fitted with a mono 3.5mm jack plug and meet the relevant MDD approvals and be approved by Possum Limited. The switch needs to be of the Push to make / release to break variety.

## PRODUCT CARE

1. Switch off the mains supply and disconnect from the PRIMO! unit before attempting to clean the product.
2. The PRIMO! should be cleaned only with a soft, lint-free cloth slightly moistened with clean water.
3. Do not use abrasive or solvent-based cleaning products.
4. Do not allow moisture to enter the PRIMO! unit. Ensure that the product is dry before switching the mains supply back on.
5. The PRIMO! is intended for indoor use only and is not drip proof, splash proof or waterproof.
6. The Possum PRIMO! is not anaesthetic proof and cannot be sterilised.

## IF YOU HAVE A PROBLEM

1. If your PRIMO! screen is blank, check that there is a HC501 power supply plugged into the unit and that the HC501 is connected to a mains supply and turned on (the green indicator on the HC501 denotes power is connected). If this was not the case, please wait for five minutes before pressing the reset button. The unit should now start up. If the unit fails to respond, contact Possum Limited
2. If the unit fails to respond to an input switch, press the reset button. If the unit does not reset and there is no change to the units condition then contact Possum Limited

*If you are unable to resolve any problem with the PRIMO! system, contact Possum Limited. at the address overleaf for assistance.*

The HC1400 PRIMO! will have been set up to suit your needs. To control the appliance, simply select the appropriate position from your controller menu.

### PLEASE NOTE:

All the functions etc. described within this document are demonstrated as part of the initial training. Further assistance is available from Possum Limited via its technical service department. (See address and telephone number on other side of this document).

# HC1400 PRIMO!

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## Warning

Do not operate the equipment without understanding this user guide

## Notice

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HC1400 User Guide  
Part Number: 034-661 Issue: 2  
© Possum Limited, August 2008



## SCOPE OF USE

The PRIMO! is classified as a Class 1 (low risk) medical device, intended for use by physically disabled persons to control appliances or equipment in a domestic environment. The unit may also be used within nursing homes and hospitals, providing adequate care is taken to ensure the safety of each particular installation. *Possum Limited products are not authorised for use as critical components in life support devices or systems which sustain life and whose failure to perform, when properly used in accordance with the instructions for use provided, can reasonably be expected to result in significant injury or death. A critical component is any component of a life support device or system whose failure to perform can reasonably be expected to cause the failure of the life support device or system or to affect its safety or effectiveness.*

## APPROVALS



The Possum PRIMO! is CE marked under the Medical Devices Directive 93/42/EEC (as a main controller)

The unit has also been tested and approved to the following standards:

EN60601-1 (electrical safety)  
EN60601-1-2 (electro-magnetic compatibility)

This equipment does generate, use and can transmit radio frequency energy and if not installed correctly, may cause interference with radio and television receivers or other sensitive equipment. This equipment may be susceptible to radio frequency energy or mains conducted interference generated by other nearby equipment. Interference is unlikely to be a problem in a typical domestic environment but if you have any queries please contact Possum Limited for advice.



## MAINTENANCE

**There are no user-serviceable parts within the Possum PRIMO!.**

Note that under the Medical Devices Directive, only service engineers or electricians trained and approved by Possum Limited are permitted to install, maintain, repair or connect any wiring or other equipment to the PRIMO! or its accessories.



The human figure symbol depicted to the left denotes that the Possum HC1400 PRIMO! provides electric shock protection to EN60601 type B.



## Note On ENGINEER ONLY

**ENSURE RUBBERISED COVER IS IN PLACE OVER CONNECTOR .DO NOT CONNECT ANYTHING TO THIS CONNECTOR - DAMAGE MAY RESULT! . ENGINEER ONLY FOR SETUP**




## CONSUMER INFORMATION

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separately collected for their proper treatment and recovery. The crossed-out bin symbol, placed on the product, reminds you of the need to dispose of the product correctly at the end of its life.

In this way you will assist in the recovery, recycling and reuse of many of the materials in this product. At the end of the life of your product please contact your distributor for information on collection arrangements. Where possible recycle your packaging. With your help it is possible to reduce the amount of electrical and electronic waste ending up in landfill and to improve the quality of life by preventing the release of potentially hazardous substances into the environment.

## SPECIFICATIONS POWER REQUIREMENTS



The Possum PRIMO! is designed to operate from a HC501 power supply (1A 12-18Vdc). Insert the connector of the HC501 into the socket marked  on the right-hand side of the PRIMO!. Plug the power supply into a convenient mains socket outlet. Switch on the supply to the HC501 unit . The internal battery will operate the PRIMO! for approximately 4 hours. Please note that it is only fully charged after 16 hours of continuous charging.

## INTERNAL BATTERY PACK

The PRIMO! contains a Nickel Metal Hydride battery pack. Do not open the battery pack. Do not dispose of the battery pack on site.

All battery packs should be returned to Possum Controls Limited for controlled disposal.

## RADIO FREQUENCY

The PRIMO! transmits coded FM radio transmissions on 433.92MHz. The radio module is type approved to ETS300-220 for European use.

Radiometrix  
RX2-433  
CEPT-LPD-GB

## OPERATING/STORAGE ENVIRONMENT

Temperature Range: 5°C to 40°C  
(41°F to 104°F)  
Humidity Range: 30% to 75%  
(non-condensing)  
Altitude Range: 0m to 3,000m

## WEIGHT AND PHYSICAL DIMENSIONS

Width: 190mm  
Height: 100mm  
Depth: 45mm  
Weight: 539 grammes