

Installation and User guide



Safe Socket™ 36900/55

D3607593C

All the reassurance you need



Introduction

As Tunstall home units provide emergency support they must be able to raise an alarm on the telephone line even when another telephone within the property is being used or has accidentally been left off hook.

Until now the only way to achieve this was to rewire all extension phones via the telephone socket in the home unit to allow the home unit to seize the telephone line. However this can involve a considerable amount of rewiring particularly if the property has more than one telephone device sharing the telephone line. This is becoming an increasingly common occurrence with people using multiple telephones, sky television receivers etc all on one line.




The Safe Socket™ is a new concept to ensure that alarm calls are raised even though the telephone line is in use. It allows the home unit to seize the phone line from other connected devices on the same line (i.e. extension phone, computer, fax machine, satellite receiver etc).

If Safe Sockets are fitted and an extension telephone is in use or off-hook, the Tunstall home unit's first alarm call attempt will detect that the line is unavailable. The home unit will then release the line (exchange) which signals to the Safe Sockets to disconnect the line to the in use or off-hook telephone. This then releases the telephone line for the home unit's second dial attempt which will go through successfully.

IMPORTANT: All telephone devices (fax machines, modems, satellite receiver etc) sharing the same telephone line as the Tunstall home unit must have a Safe Socket™. A Safe Socket™ must NOT be connected with the Tunstall home unit and must be sited at least 3m away from any Tunstall home unit.

IMPORTANT: In order to function correctly the Safe Socket™ requires sound wiring between telephone extensions within the property. Tunstall cannot accept responsibility for the incorrect operation or failure of the alarm where poor wiring exists.

What's in the Box

Description	Photo
Safe Socket™ (x2)	
Telephone Line-cord (x2)	
Foam Sticky Pad (x2)	
Warning Label (x4)	

Please check all contents. If items appear missing or damaged, contact your supplier.

Safety Instructions

Before using or installing the Safe Socket™, the following basic safety precautions should be followed to reduce the risk of fire, electric shock, or injury to persons.

- 1) Follow all warnings and safety instructions and read this complete guide before installing and using this product
- 2) Do not install or use this product in a wet environment, such as near a sink or bath
- 3) Unplug this product from the socket before cleaning. Use only a damp cloth
- 4) Never insert an object of any kind into this product. Damage to the connected device may occur
- 5) Do not use this product if it has been exposed to liquid
- 6) Do not use this product if it appears damaged or does not perform properly
- 7) Never use a telephone or connected device to report a gas leak from near the leak area
- 8) Do not open the casing of the product
- 9) Do not use behind a PABX

Installation

The home unit must be connected directly to the BT wall socket and **NOT** via a Safe Socket™. All other devices utilising the same line must be connected via a Safe Socket™.

NOTE: Devices can be connected in parallel (Phone, Fax) but must be connected to the telephone line (PSTN) via a single Safe Socket™.

- 1) Connect the Tunstall home unit directly into any telephone socket.
- 2) Following the installation diagrams on pages 6 and 7, connect any other devices (Fax Machine, Phone, Computer, Satellite Receiver etc) via a Safe Socket™, as follows:

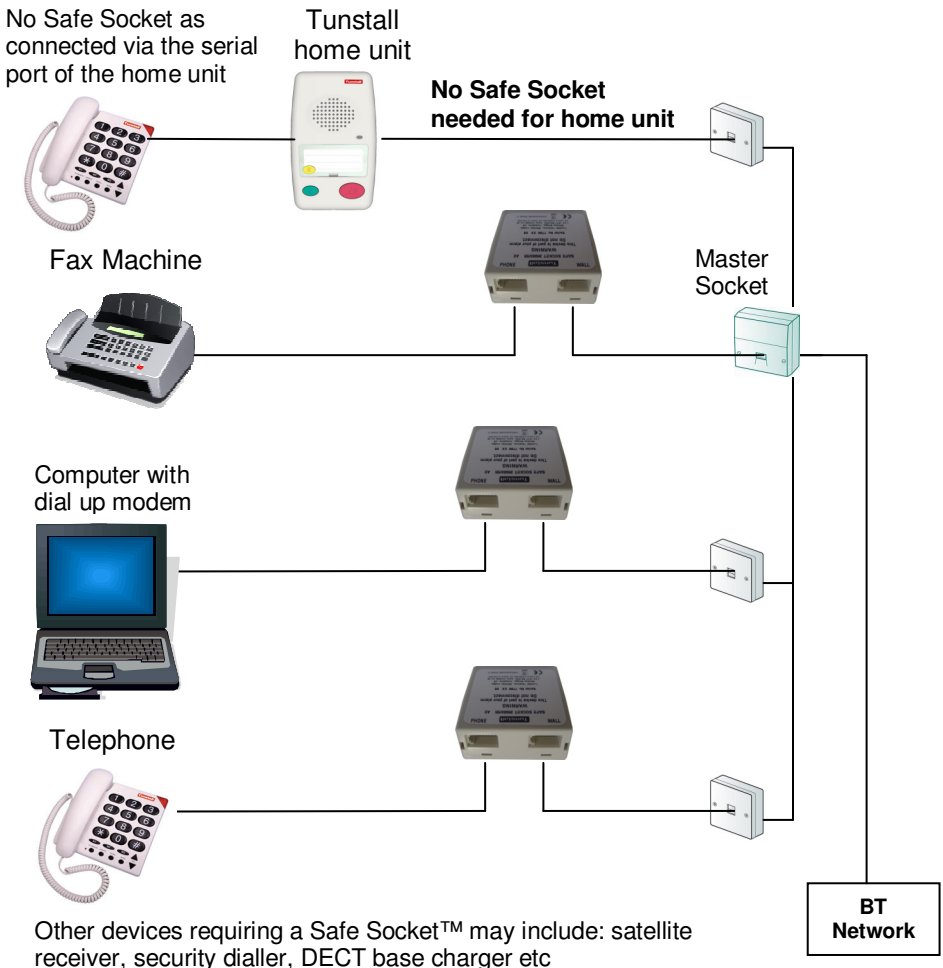
- a. Connect the socket labelled 'WALL' on the Safe Socket™ to the BT wall socket using the supplied telephone linecord.
 - b. Connect the telephone device (Fax Machine, Phone, Computer, Satellite Receiver etc) to the socket labelled 'PHONE' on the Safe Socket™.
- 3) The double sided foam sticky pad (supplied) can be used to attach the Safe Socket™ to a wall, skirting board etc
 - 4) The 'Warning' labels should be attached to any spare extensions where there is no device currently connected. This will warn others that future use of the extension without a Safe Socket™ could affect the operation of the home unit.
 - 5) Test the installation by taking a telephone handset off-hook, wait for the dial tone on the telephone to end, then generate an alarm call. The home unit's first dial attempt will not work however if everything has been installed correctly the second dial attempt should be successful.

NOTE: If your phone appears dead after installation, this may indicate that the extension has been wired incorrectly. Try swapping the cables connected to the wall and phone sockets in the Safe Socket. For example, connect the BT wall socket to the 'PHONE' socket on the Safe Socket and the telephone device to the 'WALL' socket on the Safe Socket.

Installation diagrams

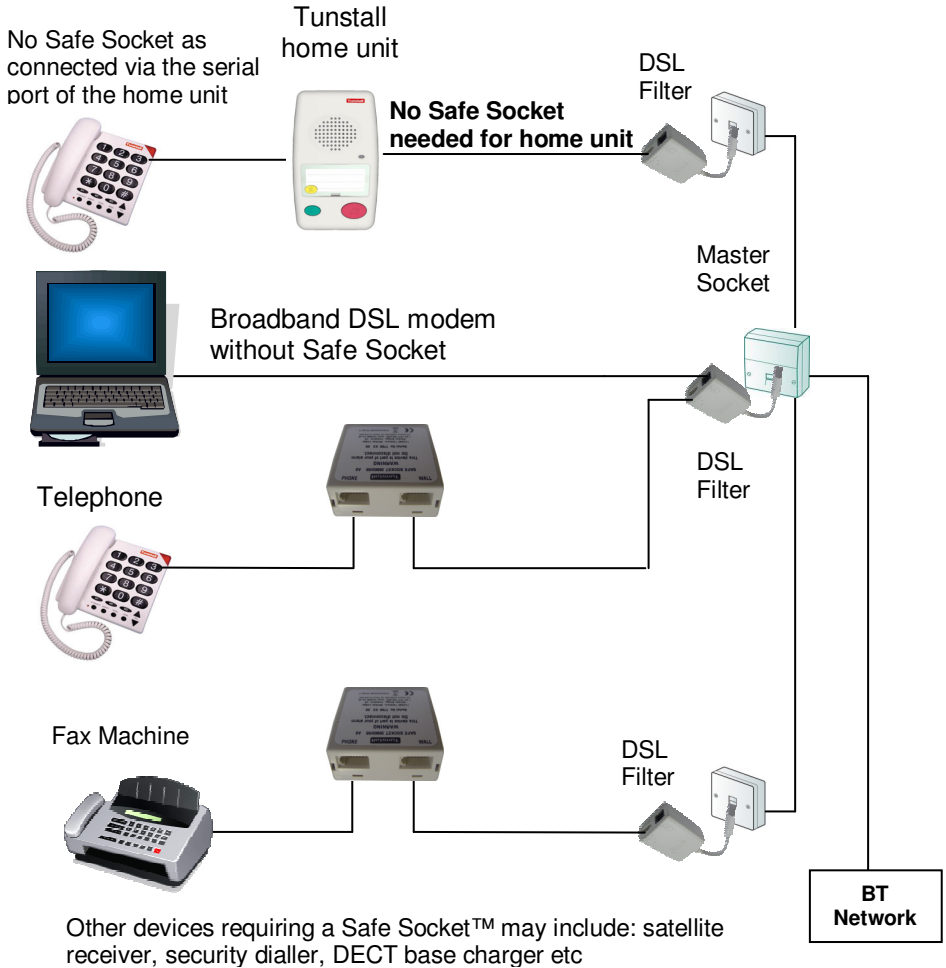
Normal installation

The diagram below shows the Tunstall home unit connected directly to the phone line (no Safe Socket™) with all other equipment sharing the same telephone line connected to phone line via Safe Sockets. It does not matter which device is connected via the BT master socket.



Installation with broadband

The diagram below shows a typical installation when broadband is being used in the property. Again it does not matter which device is connected to the BT master socket.



Standards

EMC:	EN55022: 1998, EN55024:1998, EN50130-4: 1995
Safety:	EN 60950:2000
CE:	Compliant
Patents:	US 5,799,062, UK 2,395,392

Declaration of Conformity

We, Tunstall declare that this social alarm equipment is in compliance with the essential requirements and other relevant provisions of the R&TTE Directive 1999/5/EC.

Disclaimer

In order to function correctly the Safe Socket™ requires sound wiring between telephone extensions within the property. Tunstall cannot accept responsibility for the incorrect operation of the device where poor wiring exists. The Safe Socket™ is not intended for use behind a PABX and as such has not been tested in this environment.

Tunstall

www.tunstallhealth.com



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