

BT1 Door Entry Telephone Interface

The BT1 Telephone interface offers the convenience of operating a door entry system from an existing BT style telephone without interfering with its normal usage. All types of domestic tone-dial telephones are compatible with the BT1 including cordless DECT telephones which are of great benefit to those people with limited mobility.

The interface may also be connected onto a telephone switchboard via a dedicated trunk line input. Please note, operation cannot be guaranteed with every PABX available.

Operation

The BT1 interface appears transparent to the phone line, even if the BT1 is not powered.

When a call is made from the Entrance panel the phone will ring for a maximum of 30 seconds, a ringing tone will be heard at the panel. When the phone is picked up the visitor can converse with the resident and operate a lock release by pressing the **1** key to allow access. The door will be released for 3 seconds, during which time beeps will be heard at the entrance and at the phone.

The operations below require a connection to an external phone line/network:

The resident can activate the panel without a visitor initiating the call by picking up the handset and pressing *****, then **8**. The resident can then talk to anybody at the entrance and release the door with the **1** key if necessary.

If a resident is conversing with a visitor and an external phone call is received a ring tone will be heard in the entrance panel and phone. Pressing the ***** key switches between visitor and external phone line. When the visitor is selected the phone at the end of the other line will hear an 'on hold' melody. When the phone line is selected a short tone will be heard with a long pause in between. Pressing **1** when the visitor is selected will release the door.

Connection to the phone line

It is illegal to tamper with, or wire into, the primary master socket from the telephone line coming into a house or office.

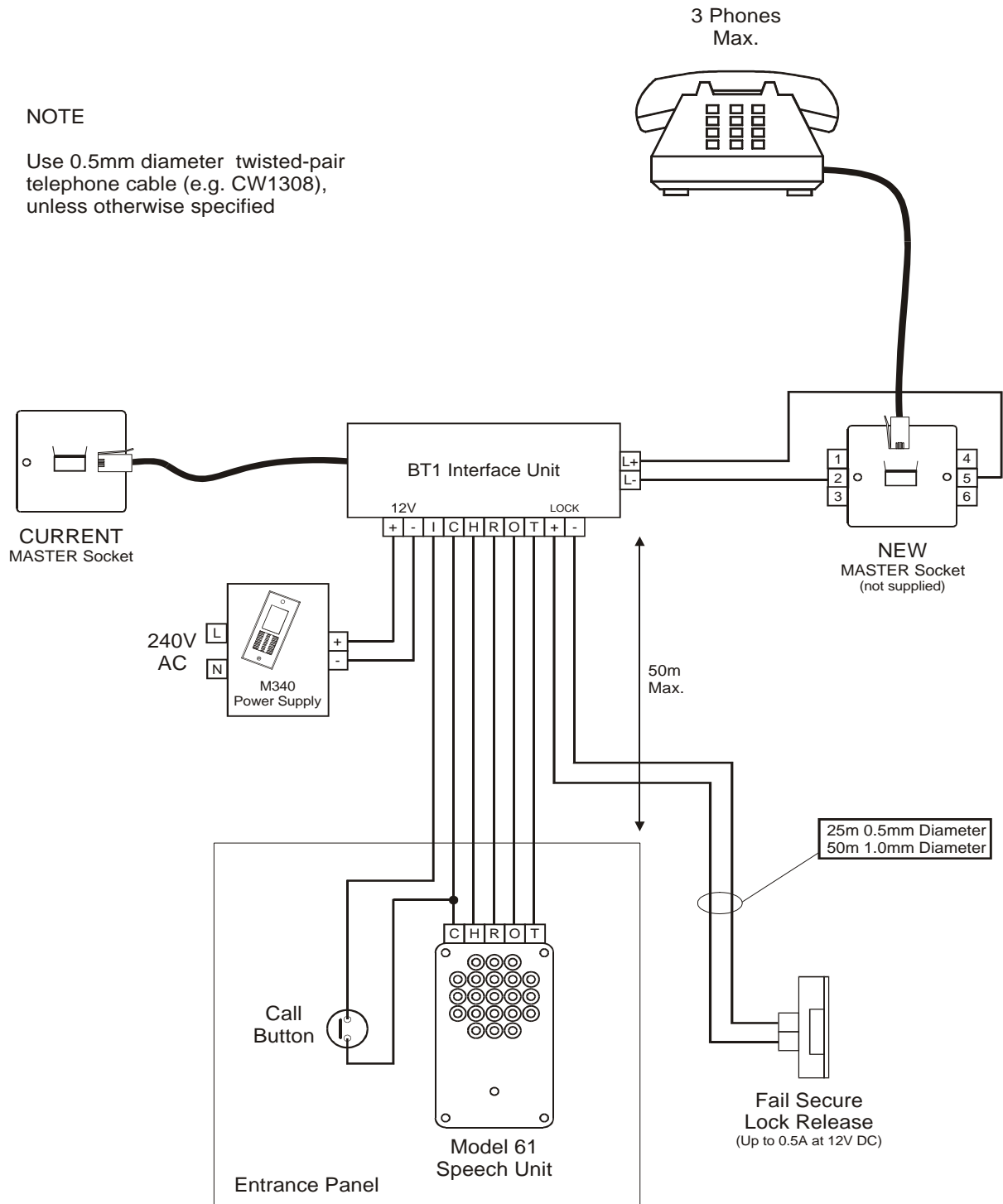
The BT1 must be connected between this primary master socket and any phones, FAX, etc inside the office/house. Connection to the primary master socket must be made using the plug provided. A new master socket (not supplied) can then be wired to the BT1 using the diagram overleaf.

A maximum of 3 phones/devices (equivalent to a REN of 3) can be connected to the new master socket.

Typical Wiring

NOTE

Use 0.5mm diameter twisted-pair telephone cable (e.g. CW1308), unless otherwise specified



bell
system
(Telephones) Ltd

This product complies with European Directive 89/336/EEC on ElectroMagnetic Compatibility and Low Voltage Directive 73/23/EEC.

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