



British
TELECOM

Ambassador ESS and Senator Switching Systems

Installation Instructions for Bell Adaptor

1. GENERAL

The enclosed bell adaptor takes the place of the existing secondary line jack unit, that the terminal requiring the extension bell is plugged into at present.

The Bell adaptor must be wired to the Central Control Unit (CCU), using 6 wire twisted pair cable.

Note: All wires are used. If an existing extension has been installed using 4 wire cable, then this must be replaced with 6 wire twisted pair cable.

The terminal will require a 6 way line cord. If the existing cord is 4 way, this must be changed.

2. DETAIL

a) Screw the bell adaptor to the wall in the required position.

b) Using 6 wire twisted pair cable, connect the adaptor to the appropriate extension in the CCU.

Connect A - A, B - B, C - C, D - D and 47V - 47V. Using the remaining wire connect 0V in the adaptor to the C termination in the CCU. See Fig. 1 & note 1.

N.B. It is important that separate wires are run from the 'C' termination in the CCU to the 0V and 'C' terminations in the adaptor.

c) Connect the bell or tone caller, using appropriate cable to the 2 remaining terminations in the adaptor, labelled 'Bell'.

d) Ensuring first that the terminal is disconnected from the Bell Adaptor Line Jack Unit, and in the case of the Loudspeaking terminal, also disconnected at the Mains Voltage Supply, open the terminal and locate a pin switch on the p.c.b. labelled 'SW1' or 'LINK A'. For safety reasons this must be left open (ie. open circuit) when connected to a bell adaptor. In the 'ON' hook position the tone caller will now ring instead of the buzzer, with the extension bell.

Cont.

e) The terminal can now be closed and plugged in. The installation is now complete.

Note 1.

Colour Code for connection of 6 wire cable.

Termination A (WHITE/BLUE)

Termination B (BLUE/WHITE)

Termination C (WHITE/ORANGE)

Termination D (ORANGE/WHITE)

Termination 47V (WHITE/GREEN)

Termination 0V (GREEN/WHITE)

FIG. 1. BELL ADAPTOR

