

# Explosive Atmosphere Telephones

January 1974

Descriptive  
Leaflet

**DLE 501**

This telephone has been designed for use in locations where occasionally under abnormal circumstances an accumulation of certain types of explosive gas could create a possible risk of explosion.



**The explosive atmosphere telephone must not be used in atmospheres where there is a risk of explosion occurring in normal circumstances.**

In the interests of safety of Post Office staff, and to enable them to follow the British Code of Practice, it is essential that full information should be made available to the Post Office concerning the site and the nature of the hazard.

Conditions to be followed in the use of Explosive Atmosphere Telephones are set out in British Code of Practice CP1003.

Two types of telephone are available a table model for indoor use, and a wall model for either indoor or outdoor use.

## Description

The tablephone, which can be used on automatic and most manual exchange lines, or PBX extensions, has a grey metal body with a press button and a black handset. The telephone bell is housed in a separate unit.

Both the telephone and bell are approved for use in atmospheres listed in groups II and IIIa of BS229 :1957.

Wall-mounted instruments are available in two versions. Both have integral bells and are housed in grey metal cases. A weatherproof lid opens upwards to give partial protection from rain. The lid may be removed when the telephone is sited under cover.

One version of the wallphone is for use on automatic, and most manual telephone exchanges as a direct exchange line or a PBX extension. This model has a dial and a press button.

The other version for use on Magneto manual exchanges or private circuits has a hand generator in place of the dial, and no press button.

The field of use of the wallphone is slightly different from the table model, and is approved for use in atmospheres as listed in groups II, IIIa and IIIb of BS229 : 1957.

## Dimensions

### Tablephone

246mm × 234mm × 152mm  
(9 $\frac{3}{4}$ " × 9 $\frac{1}{4}$ " × 6")

weight 5.66kg (12 $\frac{1}{2}$ lbs).

### Bell unit

158mm × 158mm × 10mm  
(6 $\frac{1}{4}$ " × 6 $\frac{1}{4}$ " × 4 $\frac{1}{4}$ ")

weight 3.17kg (7lbs).

### Wallphone

342mm × 330mm × 177mm  
(13 $\frac{1}{2}$ " × 13" × 7")

weight 27.2kg (60lbs).



Wallphone  
Tablephone and Bell unit (overleaf)

### Please note

We do our best to supply our customers with the apparatus they ask for but we may have to provide apparatus which does not accord exactly with the descriptions and illustrations in this leaflet.

**Your Telephone Sales Office will gladly supply any further information. The address and telephone number are shown in the preface of your telephone directory.**