

# Internal Telephone System

April 1972

Descriptive  
Leaflet

**DLF 650**  
Private  
Communication  
Services

This telephone system, entirely separate from the public exchange system, allows a group of people to contact one another quickly.

The arrangement, available in three sizes, is suitable for offices, factories, and large houses.



## Description

The two-tone grey telephones provided on these systems can be table models or wall-mounted instruments.

The telephones are provided with 5, 10, or 15 press-buttons to enable up to 6, 11 or 16 telephone 'stations' to call one another.

The stations must normally be within the same building due to the size of the cable required between telephones. Under certain conditions, a station can be arranged in another building on the same premises.

## How it operates

**To call another station,** the handset is raised and the appropriate button is pressed to its full extent to make a buzzer sound in the required telephone. When released, the button returns half-way to a 'speak' position. If the called station is engaged on a call, the conversation will be heard. The button restores to normal when the handset is replaced.

**To arrange a conference call,** each telephone station to be included in the conference is called in turn, and asked to call back to the person who is arranging the call and to wait until all the required stations have been contacted.

## Facilities

Each station can make an individual call simply and directly to any other station on the system.

Any number of the stations on a system can be included in a conference call.

All stations can be in use at the same time either on individual calls or conference calls or a combination of both. For example, on a 6-station system, station 2 could be talking to station 5, while stations 1, 3, 4 and 6 are having a conference call.

Individual calls are disconnected when the caller replaces the handset. Conference calls are disconnected when all handsets have been replaced.





### General information

Telephones are connected together by grey plastic-covered cable about  $\frac{7}{8}$ " (11 mm) in diameter.

Customers who wish to make arrangements for conduit runs for the cable are advised that adequate allowance should be made in the conduit size for two thicknesses of cable to run to each telephone connecting point.

The signalling at any station can be extended by means of a bell or buzzer, if required.

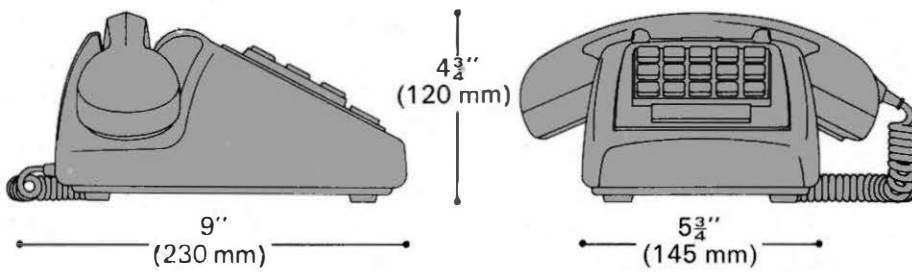
The system is powered from a small wall-mounted mains unit connected to a 3-pin socket outlet of at least 2-amp rating provided by the customer.

The buttons on the telephones have transparent covers which can be unclipped to allow name labels to be inserted.

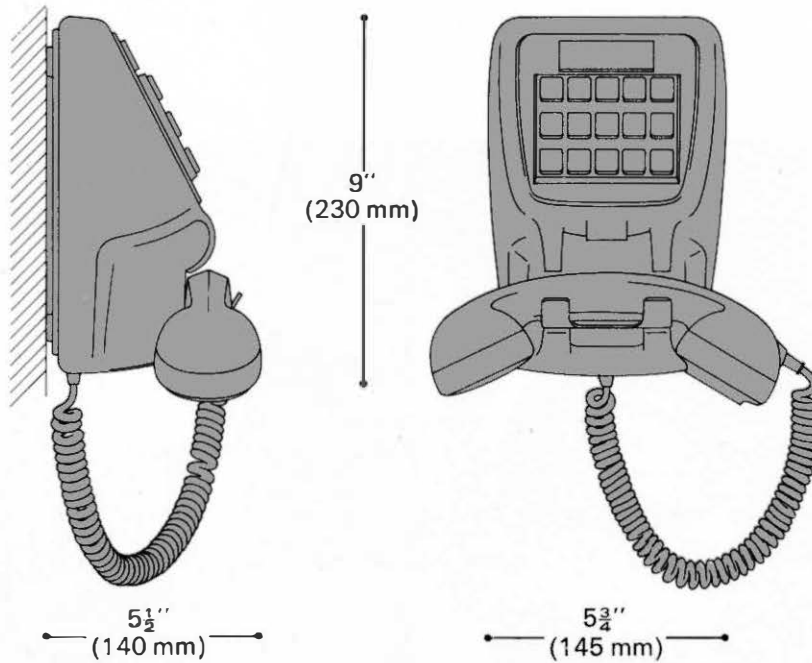


## Dimensions

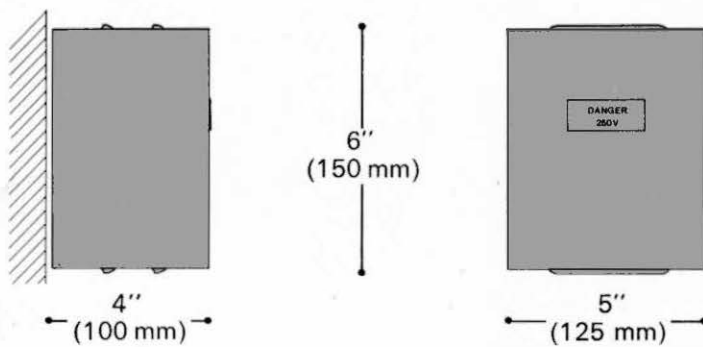
### Tablephone



### Wallphone



### Mains unit



#### 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.

Rental and connexion charges are quoted in DLF 1 the preface sheet for section F descriptive leaflets.

**Your Telephone Sales Office will gladly supply any further information**

**Post Office  
Telecommunications**