

# Extension Arrangements Plans 105, 105A and 107, 107A



DESCRIPTIVE  
DLA 103

EXTENSION  
ARRANGEMENTS AND  
PRESS-BUTTON SYSTEMS

These extension arrangements consist of a modern telephone fitted over a small switching unit which can be used to switch calls to and from one or two extension telephones. Internal calls can be made as well as exchange calls. The switching unit, approved by the Council of Industrial Design, incorporates piano-type keys and two warning-light signals. The arrangements are especially suitable for a secretary

who filters calls for one or two executives, or a small business or house with a separate workshop or garage. They can be provided on exchange lines, or on most types of PBX extension.

The main telephone and matching switching unit are available in black, two-tone grey, and ivory, and modern telephones are provided on the extensions.



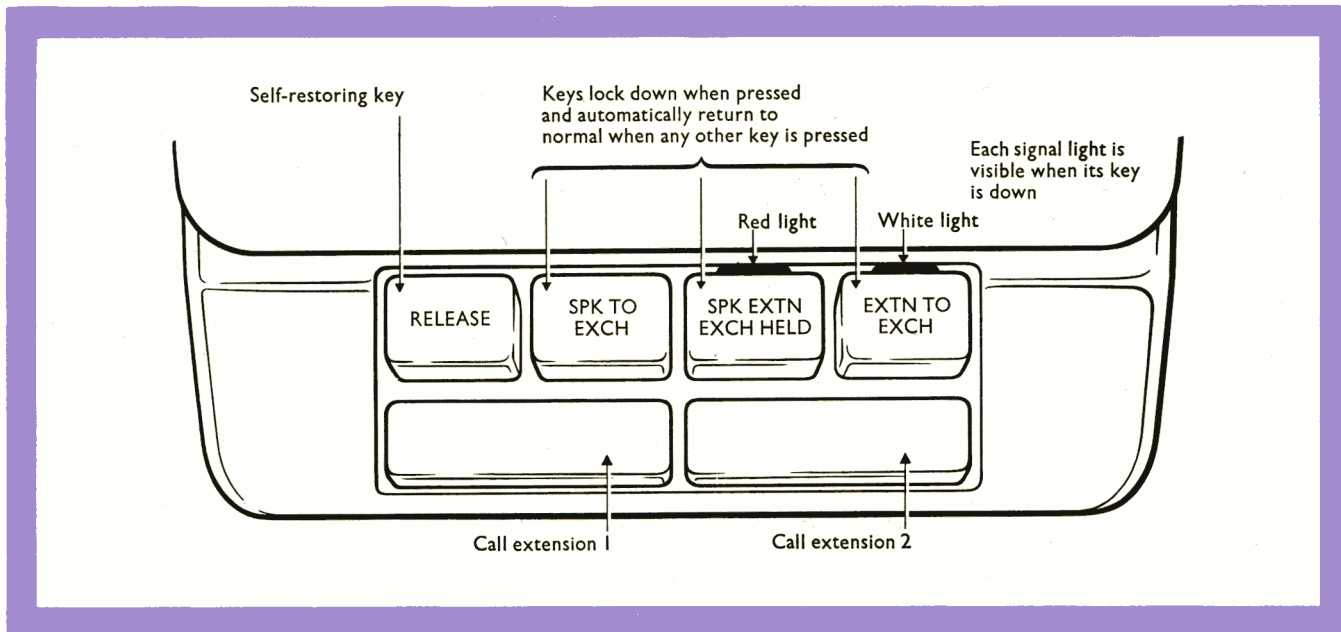
## PLANS 105, 105A two extensions—arrangement of keys and lights

**SPK TO EXCH**—Connects the main telephone to the exchange line.

**SPK EXTN EXCH HELD**—Connects the main telephone to one of the extensions while holding an exchange call.

**EXTN TO EXCH**—Connects the extensions to the exchange line.

The **RELEASE** key is self-restoring and releases any locking key previously pressed. When all keys are in their normal positions calls can be made between main and extension telephones. The unmarked keys are each used to call one of the extensions.



## FACILITIES

Two extensions are provided from the main telephone. The extensions can be either internal or external.

The person at the main telephone can call and speak to either extension, or to both at the same time.

Incoming exchange calls can be extended to either extension, or to both at the same time.

A white light on the main telephone behind the **EXTN TO EXCH** key shows that an exchange call is switched through to an extension. The light goes out when the extension telephone handset is put back.

An exchange call can be held while the main telephone speaks to an extension. The exchange-line caller cannot hear this conversation.

A red light on the main telephone behind the **SPK EXTN EXCH HELD** key shows that the exchange line is held.

Both extensions can call the main telephone and be put through to the exchange line to make a call.

Extension can speak to extension, using a second press-button to call direct, or on certain arrangements by asking the main telephone to buzz the other extension.

Certain parallel telephone arrangements can be used with the main or extension telephones.

In plan 105A an extension-to-exchange call cannot be overheard at the main telephone, although it could be overheard by the other extension.

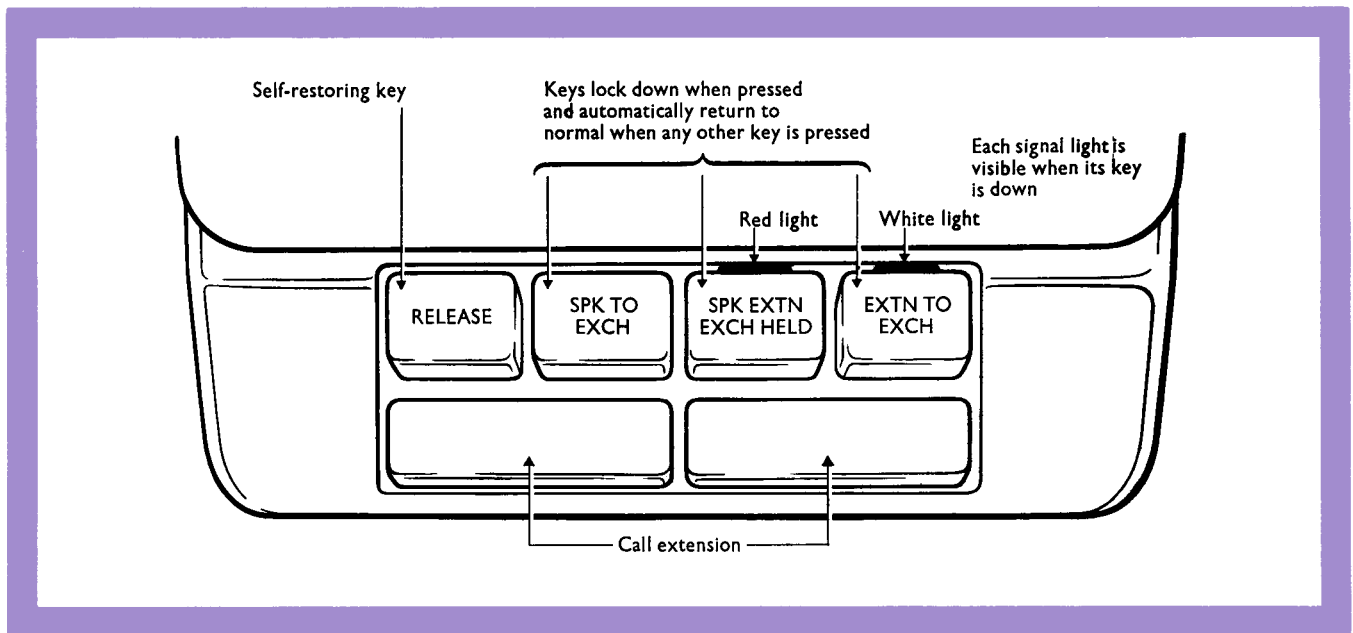
## PLANS 107, 107A one extension—arrangement of keys and lights

**SPK TO EXCH**—Connects the main telephone to the exchange line.

**SPK EXTN EXCH HELD**—Connects the main telephone to the extension while holding an exchange call.

**EXTN TO EXCH**—Connects the extension to the exchange line.

The **RELEASE** key is self-restoring and releases any locking key previously pressed. When all keys are in their normal positions calls can be made between main and extension telephone. Either of the unmarked keys may be used to call the extension.



## FACILITIES

One extension, internal or external, is provided from the main telephone.

The main telephone can call and speak to the extension.

Incoming exchange calls can be switched to the extension.

A white light on the main telephone behind the **EXTN TO EXCH** key shows that an exchange call is switched through to the extension.

The light goes out when the extension telephone handset is put back.

An exchange call can be held while the main telephone speaks to the extension.

The exchange-line caller cannot hear this conversation.

A red light on the main telephone behind the **SPK EXTN EXCH HELD** key shows that the exchange line is held.

The extension can call the main telephone and be put through to the exchange line.

Certain parallel telephone arrangements can be used with the main or extension telephone.

In plan 107A an extension-to-exchange call cannot be overheard by the main telephone.

## GENERAL INFORMATION

### Plans 105, 105A and 107, 107A

Each installation is mains-powered from a suitable 3-pin socket outlet supplied by the customer. Power consumption is low (3 watts).

The power unit measures 6" by 4 $\frac{3}{4}$ " by 4" and has a grey finish.

The switching unit occupies a space 10 $\frac{1}{2}$ " by 6" and raises the telephone by 1 $\frac{1}{2}$ ".

Signalling between the main telephone and internal extensions is by means of keys and buzzers incorporated in each telephone.

Exchange calls ring the bells.

Where the extension is in a separate building the method of calling is the same but the bell in the extension telephone rings for both an exchange line and an internal call; a small ringing converter is mounted near the power unit.

The extension telephones for plans 105, 105A can be provided in black, two-tone grey, and ivory.

On plans 107, 107A the extension telephone can usually be provided from the full range of colours, but if a second press-button is required for any reason, the telephone can only be provided in black, two-tone grey, and ivory.

### Wall-mounted arrangements



The four extension arrangements can also be provided with the main instrument wall-mounted. A modern wall telephone is combined with a switching unit and fixed to the wall, with the switching keys at the top of the instrument, as shown in the photograph.

Rental and connexion charges  
are quoted in the preface sheet

THE TELEPHONE MANAGER  
WILL GLADLY SUPPLY  
ANY FURTHER INFORMATION