

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

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Descriptive  
Leaflet

DLA 103

**The Plan 107 or 107A allows two people to make and receive calls on one exchange line and to communicate with each other.**

**The Plan 105 or 105A does the same for three people.**

**A switching unit is associated with the main telephone, and the instruments can be tablephones or wallphones.**

**Useful for the secretary who has to filter calls for the executive ; the small business with a separate workshop or garage ; or for diverting calls to the home after business hours.**



## Plans 107 and 107A

### How it operates

Pressing down the SPK TO EXCH key connects the main telephone to the exchange line.

Pressing down the SPK EXTN EXCH HELD key connects the main telephone to the extension while holding an exchange call. A red lamp behind the key glows while the exchange line is held.

Pressing down the EXTN TO EXCH key connects the extension to the exchange line. A white lamp behind the key glows while the extension is actually using the exchange line.

The RELEASE key restores any other key previously pressed.

Either of the unmarked keys can be used to call the extension.

### Facilities

The extension from the main telephone can normally be internal or external. But, when the main telephone is itself the extension from a PBX, the extension from it can only be internal.

The person at the main telephone can make and receive exchange calls, and can call and speak to the extension.

An exchange call can be held while the person at the main telephone speaks to the extension. This conversation cannot be heard by the exchange-line caller. The red lamp warns that the exchange line is held.

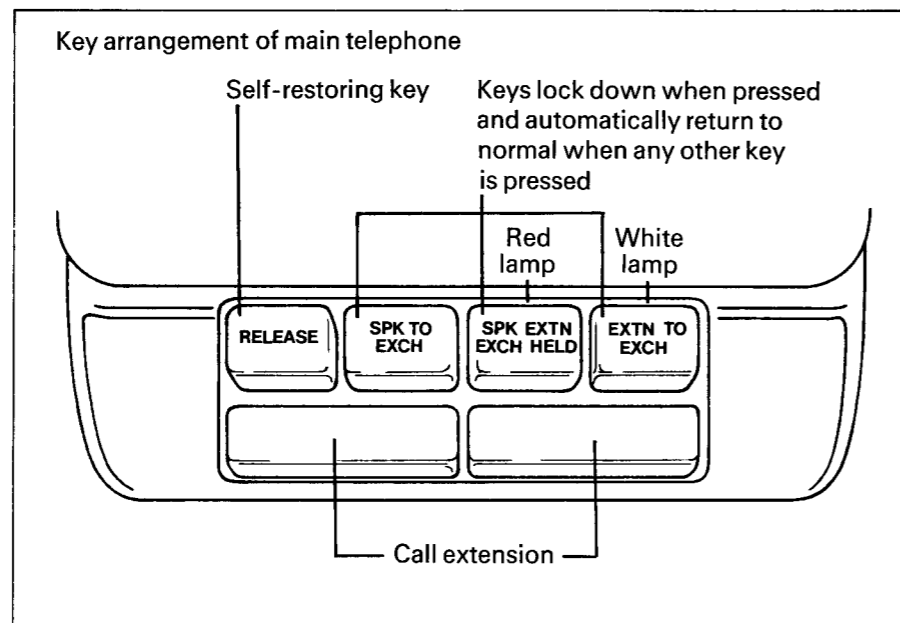
The exchange call can be transferred to the extension whenever required. The white lamp on the main telephone warns when the extension is using the exchange line. The light goes out when the extension handset is replaced.

The person at the extension can make and receive exchange calls when the line is switched through at the main telephone.

If the extension is internal the main telephone can be called at any time, but if the extension is external the main telephone cannot be called while the extension is engaged on an exchange line call.

Plans 107 and 107A are similar in operation. With the plan 107A, however, an extension to exchange call cannot be overheard at the main telephone.

## A main telephone and one extension



## Plans 105 and 105A

### How it operates

Pressing down the SPK TO EXCH key connects the main telephone to the exchange line.

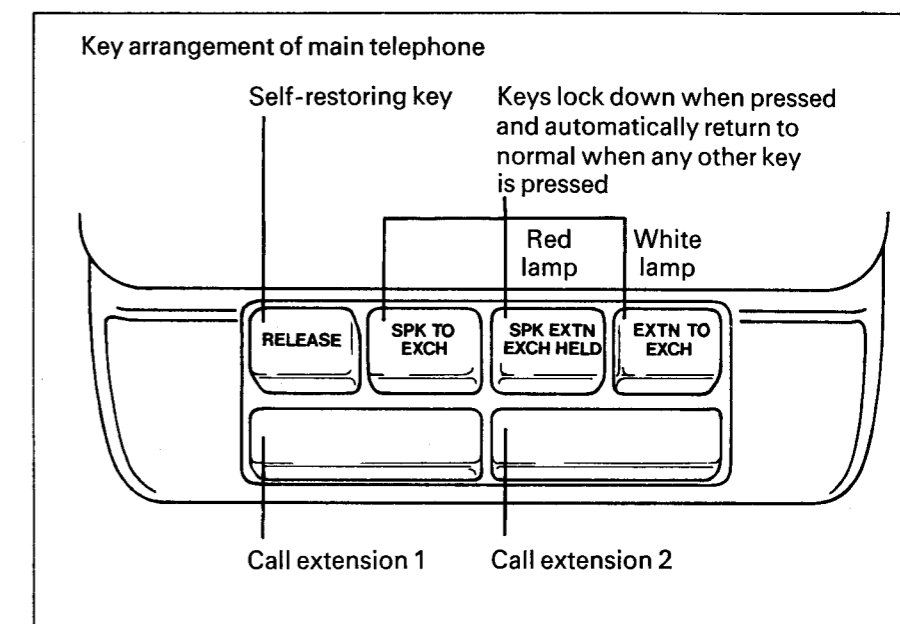
Pressing down the SPK EXTN EXCH HELD key connects the main telephone to the extensions while holding an exchange call. A red lamp behind the key glows while the exchange line is held.

Pressing down the EXTN TO EXCH key connects the extensions to the exchange line. A white lamp behind the key glows while either extension is actually using the exchange line.

The RELEASE KEY restores any other key previously pressed.

The unmarked keys are each used to call one of the extensions.

## A main telephone and two extensions



### Facilities

Two extensions are provided from the main telephone. The extensions can be internal, external, or one of each. But, when the main telephone is itself the extension from a PBX, the extensions from it can only be internal.

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

An exchange call can be held while the person at the main telephone speaks to either or both of the extensions. This conversation cannot be heard by the exchange-line caller, although it can be heard by the other extension user. The red lamp warns that the exchange line is held.

The exchange call can be transferred to either extension whenever required. The white lamp on the main telephone warns when either extension is using the exchange line. The light goes out when the extension handset is replaced.

The persons at the extensions can make and receive exchange calls when the line is switched through at the main telephone.

If both extensions are internal, each can call the main telephone and each other at any time, even when the main telephone is engaged on an exchange call.

The extensions cannot call each other when one or both of the extensions are external, the person at the main telephone must be asked to call the other extension.

The main telephone cannot be called by an external extension engaged on an exchange line call.

Plans 105 and 105A are similar in operation. With the plan 105A, however, an extension to exchange call cannot be overheard at the main telephone, although it could be heard by the other extension.



## Wall-mounted arrangements

With any of these four arrangements the wall-mounted instrument can be used as the main telephone or as the extension telephone.

When provided at the main position, the wallphone is combined with the switching unit, as shown in the photograph.



## General information

The arrangements can be provided on exchange lines and most types of PBX extension.

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

The switching unit occupies a space  $10\frac{1}{2}$ " by 6" (265mm by 150mm) and raises the telephone by  $1\frac{1}{2}$ " (40mm).

Each installation is mains-powered from a 3-pin socket outlet of at least 2-amp rating provided by the customer.

The wall-mounted power unit, in grey plastic case, measures 6" by  $4\frac{3}{4}$ " by 4" (150mm by 120mm by 100mm).

When an external extension is provided, a ringing unit, in a grey plastic case, measuring  $6\frac{1}{2}$ " by  $4\frac{1}{4}$ " by  $1\frac{1}{4}$ " (165mm by 110mm by 30mm) is mounted near the power unit.

Signalling between the main telephone and external extensions is by means of the bell in each telephone. If the line is switched, an exchange call rings the bells in the external extensions and sounds a buzzer in the main telephone.

Signalling between the main telephone and internal extensions is by means of a buzzer incorporated in each telephone. If the line is switched, an exchange call rings the bells of both the main and the extension telephones.

The main telephone and the switching unit of all arrangements can be provided in two-tone grey, ivory, and black. Tablephones or wallphones are provided on extensions in two-tone grey, ivory, and black. In some situations Tablephones are also available in concord blue, topaz yellow, lacquer red, and two-tone green.

### 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.

### Value Added Tax

From 1st April 1973 value added tax will be payable for telecommunications services and will be added to the total of charges on customers' bills.

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

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