

Extension Phones 107 and 105



Extension phones 107 and 107A

With each of these Plan arrangements we will provide, for use in connexion with a telephone exchange line, equipment and apparatus consisting of a main telephone fitted with a switching unit, an extension, a power unit and, if the extension is external, a ringing unit.

Facilities

The extension from the main telephone can normally be internal or external. But, when the main telephone is itself an extension from a PBX (Private Branch Exchange), the extension from the telephone can only be internal.

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

The person at the extension can call and speak to the person at the main telephone and, when the line is switched through from the main telephone, can make and receive exchange calls.

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

An exchange call can be transferred to the extension whenever required. A white lamp on the main telephone, behind the key, warns when the person at the extension is using the line. The light goes out when the extension handset is replaced.

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 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.



Extension phones 105 and 105A

With each of these Plan arrangements we will provide, for use in connexion with a telephone exchange line, equipment and apparatus consisting of a main telephone fitted with a switching unit, two extensions, a power unit and, if one or both of the extensions is or are external, a ringing unit.

Facilities

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

The person at the main telephone can make and receive exchange calls, and can call and speak to the person at 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 persons at the extensions. This conversation cannot be heard by the caller, although it can be heard by both extension users. A red lamp on the main telephone warns that the line is held.

An exchange call can be transferred to either extension whenever required. A white lamp on the main telephone warns when the person at either extension is using the 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 from the main telephone.

If both extensions are internal, calls can be made from each of them to the main telephone and the other extension providing none of the telephones are engaged on an exchange call. Extensions can also call each other when the main telephone is engaged on an exchange call.

If one or both of the extensions are external, calls can be made from each to the main telephone but calls between the extensions cannot be made as each extension can only be called by the person at the main telephone.

The main telephone cannot be called from an external extension while the latter is engaged on an exchange line call. When one internal extension and one external extension are fitted the internal extension is also unable to call the main telephone while the external extension is 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 can be heard at 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 (if Plan 107 or 107A) or one or both of the extension telephones (if Plan 105 or 105A).

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



How they operate

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

Pressing down the SPK EXTN EXCH HELD key connects the main telephone to the extension or extensions while holding a call. The red lamp behind the key glows while the line is held.

Pressing down the EXTN TO EXCH key connects the extension or extensions to the line. The white lamp behind the key glows while the person at the extension (if plan 107 or 107A) or either extension (if plan 105 or 105A) is actually using the line.

The RELEASE key restores any other key previously pressed and leaves the extension in a speak to extension mode.

In the case of Plan 107 or 107A either of the unmarked keys can be used to call the extension but in the case of Plan 105 or 105A one key is used for each extension.

General information

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

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

The switching unit occupies a space 265mm by 150mm by 40mm, and is fitted to the base of the main telephone (unless it is a wall-mounted instrument).

The apparatus and equipment provided under each plan arrangement is mains-powered from a 3-pin socket outlet of at least 2-amp rating which must be provided by the customer and located near the main telephone.

The wall-mounted power unit is in a grey plastic case and measures 150mm by 120mm by 100mm.

When an external extension is provided, a ringing unit, in a grey plastic case, measuring 165mm by 110mm by 30mm, is mounted near the power unit.

Signalling between the main telephone and an external extension is by means of the bell in the extension and the buzzer in the main telephone. If the line is switched through from the main telephone, an incoming exchange call causes the bell in the external extension to ring and the buzzer in the main telephone to sound.

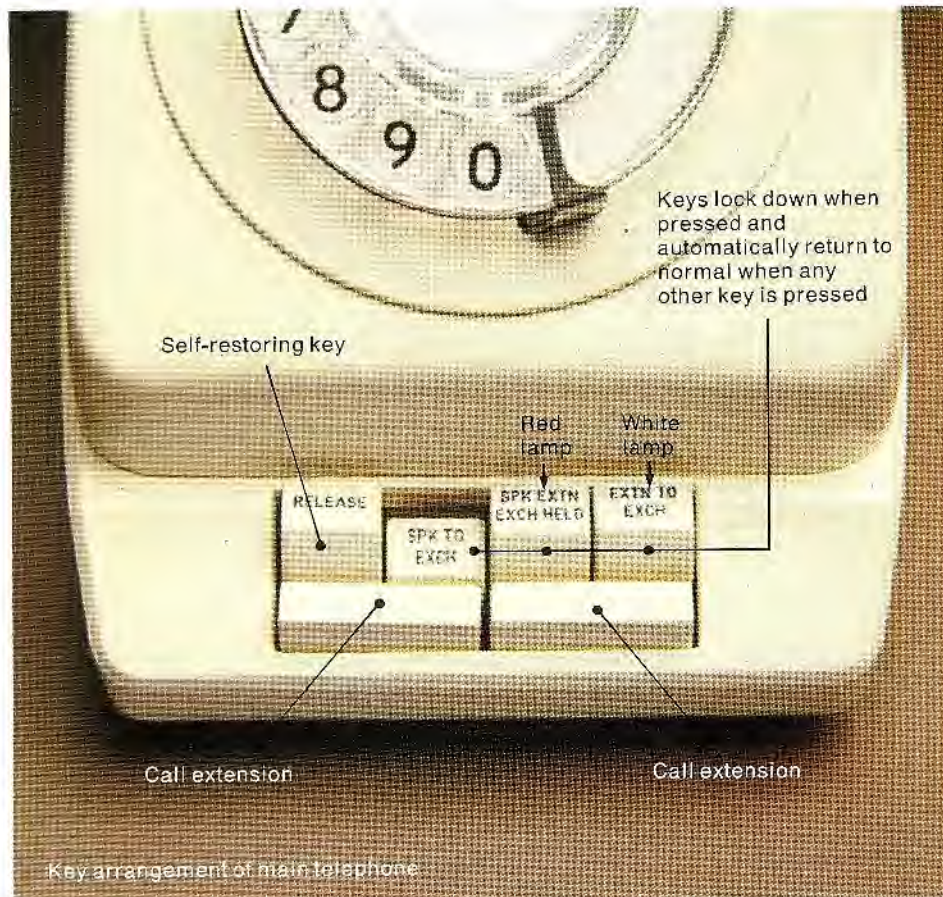
Signalling between the main telephone and internal extensions is by means of a buzzer incorporated in each telephone. If the line is switched through from the main telephone, an incoming exchange call causes the bells of both the main and the extension telephones to ring.

The main telephone and switching unit (whether a tablephone or wallphone) used in all arrangements can be provided in two-tone grey, ivory or black.

Extensions can be provided as tablephones or wallphones in two-tone grey, ivory or black and, in some situations, as tablephones only, in blue, yellow, red and two-tone green.

Self-Contained Press-Button telephones, i.e. tablephones with press-buttons instead of a dial, can be provided in two-tone grey or ivory on the main or extensions on payment of a connexion charge and an additional rental.

Trimphones can be provided on extensions only in some situations for a small additional rental. There is a choice of three colours - grey, green or blue - each being dual-tone with the handset in the darker tone.



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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, illustrations and shades of colours shown in this leaflet. Your Telephone Sales Office will gladly supply any further information or details of any changes in the

information in this leaflet since it went to print. The address, telex and telephone numbers are shown in the preface of your Telephone Directory. Information on a wide range of our services and apparatus is contained in the Green Pages section of most Telephone Directories.