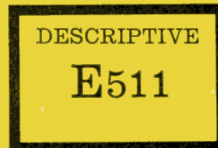
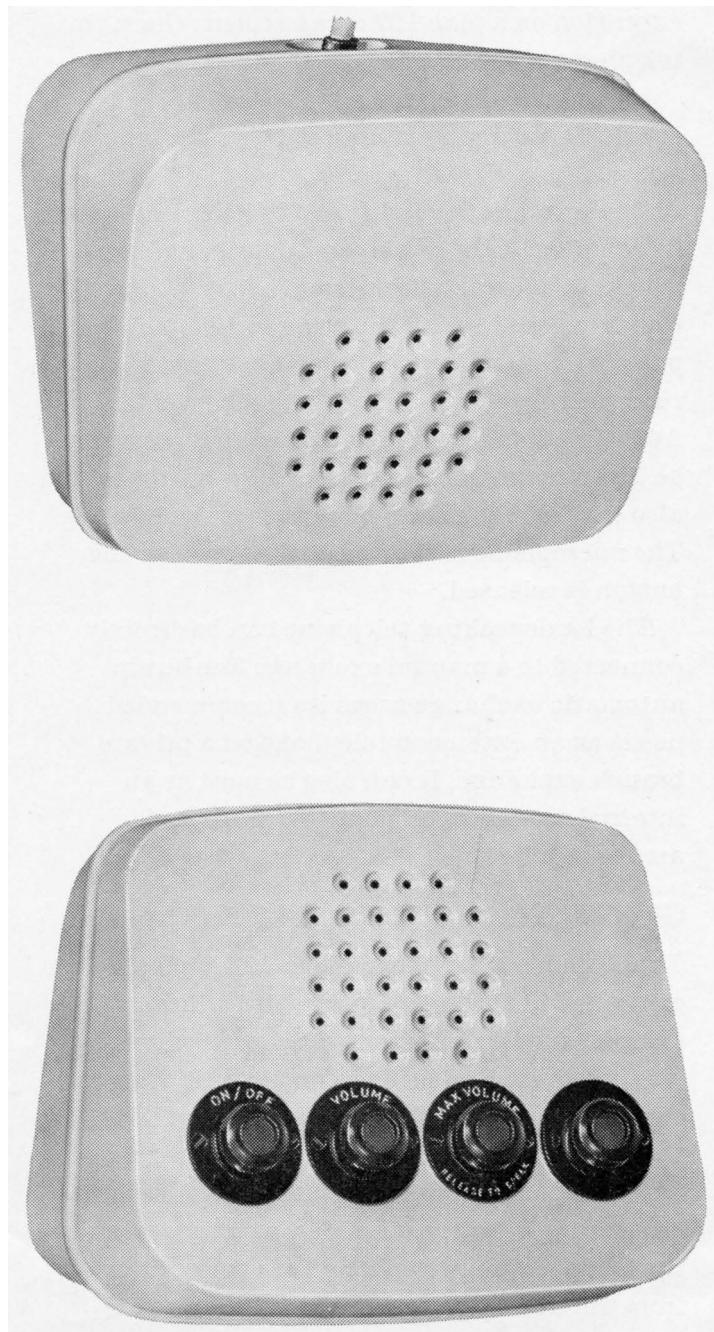


# Loudspeaking Telephone No.3



A loudspeaking telephone, with compact modern styling, which has been specially designed for use in research laboratories, hospital post-mortem rooms or similar places, where there is a danger of contamination and possible infection of other users. The equipment is contained in white enamelled cases which are specially sealed so that they may be washed down or sprayed without harm to the apparatus inside.

Incoming speech is boosted by a transistorised amplifier and passed through a loudspeaker contained in a sealed case. Outgoing speech is transmitted by a microphone enclosed in a similar sealed case. No dial or handset is provided with the telephone. Push-button keys are used for switching the set on and off, and for varying the volume of sound. These keys, together with a pilot light, are mounted on the microphone case.



## GENERAL INFORMATION

The loudspeaking telephone can be used on all outgoing and incoming calls.

On all calls the set is switched on by pressing a push-button. A small pilot light inside this button indicates when the set is in use. The button is pressed again to switch the set off.

Outgoing calls are made by switching the set on and then asking the operator to get the number. If the loudspeaking telephone is an extension on a plan 107 arrangement the main telephone must be called to obtain the number.

Incoming calls sound a buzzer in the loudspeaker case and are answered by switching the set on.

The volume of sound from the loudspeaker can be set at either of two levels—low or medium—which are adequate for normal needs. Change-over from one level to the other is effected by pressing a button once. Pressing it again restores the volume to the previous level.

Additionally, maximum loudspeaker volume can be given by pressing a non-locking button which also cuts off the microphone to prevent howling. The microphone is reconnected as soon as the button is released.

The loudspeaking telephone can be directly connected to a manual exchange line but in automatic exchange areas its recommended use is as an extension telephone on a private branch exchange. It can also be used as an internal extension on plan 107 or 107A arrangements.

## FACILITIES

The equipment for the loudspeaking telephone is contained in three separate sealed white enamelled cases interconnected with white plastic-covered cable. The control unit contains the microphone, push-buttons and pilot light; the loudspeaker contains the calling buzzer; the remaining unit houses the amplifier. A separate power supply for the amplifier is not necessary; the loudspeaking telephone uses power drawn from the exchange or extension line.

The unmarked fourth button shown on the control unit in the photograph is used to recall the operator if the telephone is on a PMBX extension line with recall facility, or to call the main telephone if fitted as an extension to a plan 107 or 107A arrangement. The button is marked accordingly when the loudspeaking telephone is fitted.

The three units may be fixed on a wall or any other suitable vertical surface. Alternatively, the control unit and loudspeaker can stand on a desk or table.

The control and loudspeaker units are each approximately  $6\frac{1}{2}$ " by 5" by  $3\frac{3}{4}$ " deep; the amplifier is  $12\frac{1}{2}$ " by  $9\frac{1}{2}$ " by 4" deep. The total weight of the three units is  $25\frac{3}{4}$  lb.

**Rental and connexion charges  
are quoted in the preface sheet**

**THE TELEPHONE MANAGER  
WILL GLADLY SUPPLY  
ANY FURTHER INFORMATION**