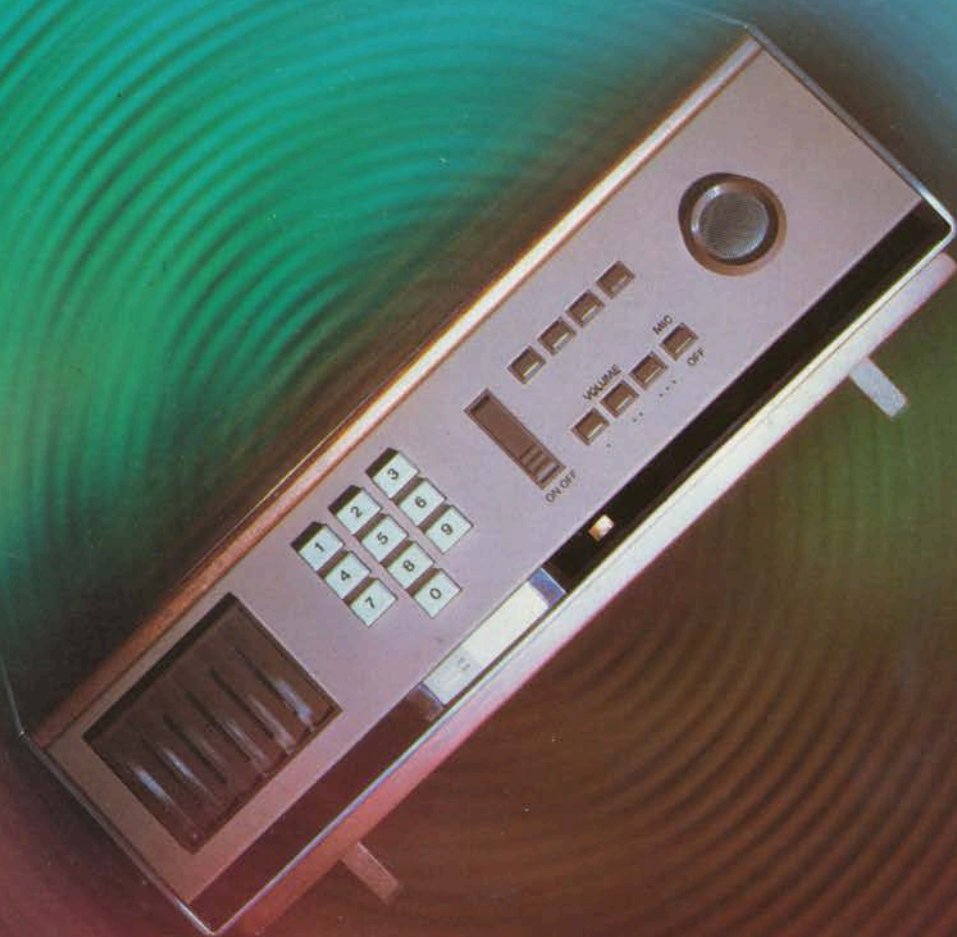# Loudspeaking Telephone 4

Loudspeaking Telephone 4

This desk unit allows a busy executive to have both hands free for dealing with papers or taking notes while using the telephone.

The voice of the user switches on the microphone circuit and the incoming speech switches over to the loudspeaker.

As the unit works in one direction at a time, a good volume of sound can be obtained.

This unit allows changeover to the privacy of handset operation.

LST 4E Telephone

LST 4 MF Telephone

Pendant Telephone

Description

A compact desk unit houses the loudspeaker, control switches, microphone and a pilot lamp. A handset rests on a cradle at the rear of the unit.

The Loudspeaking Telephone No. 4 (LST 4) is available in three different versions, the Executive version (LST 4E) which has press-button operation and is finished with wood trim, and two versions both of which have press-button operation for use on large MF and DC 'C' types of private automatic branch exchange (PABX).

How they operate

The Loudspeaking Telephone is connected to the line and the pilot lamp glows when an On/Off switch is pressed and released. At the end of a call, the switch is depressed to clear the line.

During a call, the line can be transferred from loudspeaker to handset simply by lifting the handset. Replacing the handset restores incoming speech to the loudspeaker.

The volume of sound from the loudspeaker is adjusted by means of three press-buttons marked 'Volume'.

Normally the first two press-buttons will be adequate for most calls. With these two settings, the first sound uttered by the user switches the equipment to transmit and it stays that way until incoming speech switches it to receive. When the user speaks again it switches back, and so on.

The third press-button is used when the incoming speech is faint. On this setting as soon as the user finishes speaking the instrument switches over to receive.

The microphone can be cut off by depressing a button. Incoming speech can still be heard at the same time.

Facilities

Outgoing calls are normally made by switching on the Loudspeaking Telephone and calling the number or asking the operator to connect you, if on a PBX extension. The various signalling tones or operator's voice are heard on the loudspeaker.

Incoming calls are signalled by a tone-caller inside the unit, which produces a warbling note. Calls are answered by switching on the Loudspeaking Telephone.

If required, a call can be made or received by raising the handset and switching on the unit.

The line can be switched from the loudspeaker to the handset and back again during a call whenever required. For example, other people in the room can be prevented from hearing the incoming information.

If it is often necessary to use the handset during calls, it may be more convenient to install a pendant telephone handset and bracket (shown in the photograph) instead of the handset. Additional charges apply for this arrangement.

When the microphone is cut off, people grouped around the Loudspeaking Telephone can hear the incoming speech, but are able to talk to each other without being heard by the caller.

The LST 4E can be used on exclusive or shared service exchange lines, PBX extensions, and most plan extensions. On certain arrangements, a buzzer can be provided in addition to the tone-caller.

The two large PABX loudspeaking telephones can only be used on certain PABXs, namely DC 'C' and MF types of PABX. They can be used on calls to other loudspeaking telephones.

Additional conference facility

Two or three people can easily join in a call on the Loudspeaking Telephone. When a group of up to six people wish to participate it is more convenient to use an extension microphone and loudspeaker. Additional charges apply for this arrangement.

These units, which have cords with plugs that fit into sockets at the rear of the desk unit, can be stored away when not in use. The standard length of these cords is 3 metres, but longer cords can be provided as required at no extra cost.

The extension microphone has a cut-off button, similar to that on the desk unit and operation of either button disconnects both microphones.

General information

All versions of the LST 4 weigh approximately 7 kgs each and measure approximately 166mm × 436mm × 280mm.

Up to four press-buttons can be provided in the row of positions above the volume control for switching on extension arrangements, signalling, and recalling the operator as required.

In certain instances when the Loudspeaking Telephone is connected to a PBX it may be possible to draw the necessary power supply from the PBX battery. In most circumstances, however, a wall-mounted power unit in a grey metal case which measures approximately 150mm × 130mm × 100mm, will be provided. It is connected to a mains 3-pin socket outlet of at least 2-amp rating provided by the customer.

Special notes

The Loudspeaking Telephone works most efficiently when the user speaks directly towards the microphone at arms length.

If two people speak at the same time, the louder one takes precedence and cuts off the other's speech. It is advisable, therefore, that one person does not interrupt when the other is speaking.

The equipment works best in a room which has carpets and soft furnishings. This reduces echoes and can improve the quality of transmission. High background noise, large expanses of bare wall, ceiling, floor and windows prevent the equipment from working at its best.

Advice on suitable accommodation and siting should be obtained from your local British Telecom Sales Office.

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