

Teleprinter 23B/50

Semi-electronic



British
TELECOM

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The Teleprinter 23B/50 is a semi-electronic teleprinter compatible with existing teleprinters on the telex network. It is modern in appearance and comes complete with its own pedestal. The new keyboard and control keys are designed to make operation simple and introduce improved and easily identified facilities. Reduced dimensions and modern technology result in an attractive, lighter, less bulky machine. Rotating print wheel and ink roller cassette replace the conventional type basket and ribbon.

Benefits

- Smaller and lighter than similar teleprinters currently available on telex.
- Electronic components mean increased reliability.
- Keyboard resembles that of an electric typewriter.
- More efficient manual operations, e.g. tape and paper change.
- Simultaneous tape transmission and tape preparation.
- Integral dial unit.
- New ink roller lasts longer, is easy, clean and quick to replace.
- Keyboard buffer store for fast bursts of typing.
- Incoming and outgoing message discrimination on all copies.
- Improved tape editing facility.

Facilities

A competent operator on the Teleprinter 23B/50 can easily achieve 35 to 40 words a minute. The automatic transmission facilities allow messages to be prepared on paper tape, checked for accuracy and transmitted at a maximum speed of about 70 words per minute. Transmitting a message automatically shortens the duration of the call and considerably reduces the call charge.

The long-life ink roller, which replaces the conventional ribbon, types only in black and to enable users to identify an outgoing message from an incoming one, the Teleprinter 23B/50 has an 'underline' facility. The first four characters of each line of transmitted text, and simultaneously any undercopies, are underlined.

The four-bank keyboard includes a combined carriage return and line feed key, as well as a figures/letters shift.

There is a seven character buffer store to absorb fast bursts of typing.

The tape preparation sequence on the Teleprinter 23B/50 is similar to that of any other teleprinter with automatic transmission. However, should the operator be preparing a message, an incoming call will not mutilate the local hard copy. The keyboard will lock until the 'reset' is pressed; meanwhile the paper has automatically fed up four line feeds. A further useful feature is that a tape may be prepared simultaneously while another is being transmitted. This process is not possible during message reception.

Tapes can be edited easily by use of 'Step' and 'Skip' keys. Each depression of the 'Step' key allows one character of an existing tape to be transmitted to line or produced on a new tape, as required. Similarly, one depression of the 'Skip' key prevents the transmission to line or punching on a new tape of one character, allowing the existing tape to pass freely through the reader, and a new character to be inserted.

Single-ply paper or multi-ply with up to three undercopies can be used. There is an audible and visual alarm, after about 60 characters and/or spaces, to indicate, to the operator, that a new line is required.

Messages can be received at all times provided the power is switched on and there is an adequate supply of paper in the teleprinter.

Some of the figure keys have two characters engraved on them, e.g. the key for '3' also has '£'. The upper character can be typed only when the shift key is pressed simultaneously. This is similar to the operation on a typewriter, except that the shift key is non-locking.

General information

The Teleprinter 23B/50 is supplied with a moulded pedestal. It can be dismantled for use on customers' office furniture of suitable design. There is no tariff reduction should customers decide not to have a British Telecom pedestal and they are responsible for any damage caused if an unsuitable mounting is provided. Power for the teleprinter is drawn from a 3-pin mains socket outlet of at least 3-amp rating, provided by the customer.

Ancillary controls, situated to the right of the keyboard, offer single or double line spacing and an on/off facility on the incoming call alarm. The teleprinter has a sound-reducing cover with a window through which the message can be read. The cover is hinged so that the paper and ink roller can be replaced without difficulty. The cover also has a transparent lectern, designed to hold messages directly in front of the operator.

Dimensions

Height 910mm with pedestal
Height 260mm without pedestal
Width 528mm
Depth 572mm
Weight 42kg with pedestal
Weight 31kg without pedestal

DLG 706

Call your local Telephone Sales Office for details of availability of the Teleprinter 23B/50. The address, telex and telephone numbers are shown in the preface of your Telephone Directory.

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.