Basic Telex Installation with Teleprinter 15

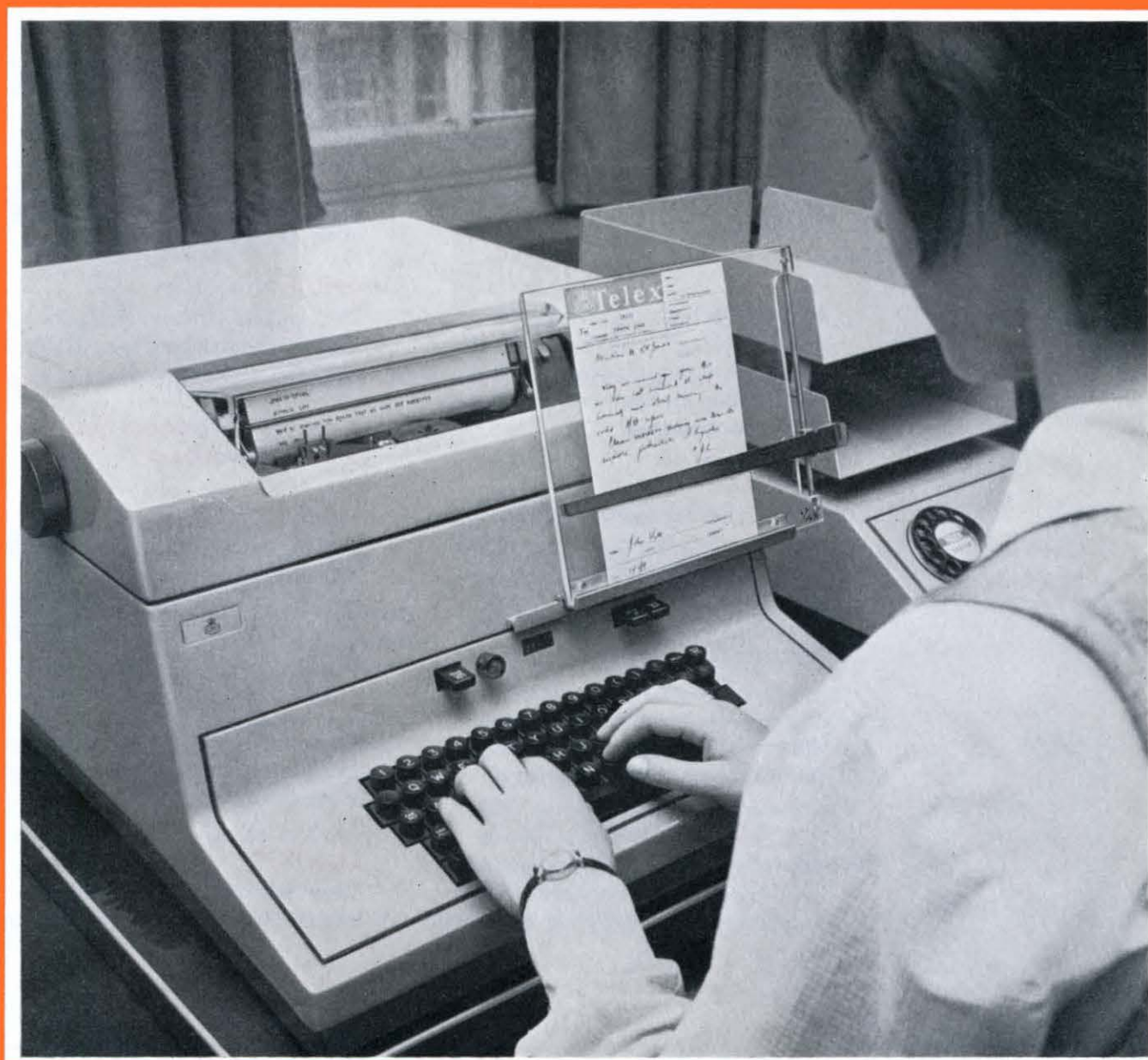The telex service provides a fast and reliable method of printed communication between subscribers in the United Kingdom, and with telex subscribers anywhere in the world. This installation employs an advanced design of teleprinter with many special features. The layout of the keyboard on this machine is more closely related to the electric typewriter than on previous teleprinters. When a call takes place between this installation and another, the teleprinters operate simultaneously to produce identical messages on both machines.

The Teleprinter Keyboard

The four-bank teleprinter keyboard is almost identical to that of the typewriter, except that the machine prints only in capitals, and certain keys have special functions.

LETTERS

After this bar has been pressed, the machine prints the capitals shown on the letter-keys as they are operated. To avoid misoperation the figure and symbol keys cannot be depressed.

FIGURES

After this bar has been pressed, the machine prints the figures and symbols shown on the remaining keys as they are operated, and allows BELL and WHO ARE YOU to be used. The letter-keys cannot be depressed.

BELL

When this key is pressed, an alarm sounds at each installation.

WHO ARE YOU

When this key is pressed, the 'answer-back' code, which identifies the other installation, is printed by both teleprinters.

CAR RET

The key at either side of the keyboard returns the type basket to the start of a line.

LINE FEED

Either key moves the paper upwards ready for the next line of type.

SPACE BAR

The type basket moves along one space each time the bar between FIGURES and LETTERS is pressed.

There are three organ-type keys above the keyboard

MAN CAR RET

This key returns the type basket to the start of a line when the machine is switched off. This must be done before re-loading paper, changing the ribbon, or cleaning the type face.

HERE IS

When this key is pressed the teleprinter sends its own 'answer-back' code which is printed by both machines.

RUN OUT

When this key is held down the last character typed is printed continuously.

Facilities

The teleprinter is simple to use and all operations are power-assisted as with the electric typewriter. A good typist can easily achieve about 35 to 40 words a minute; the machine is capable of nearly 70 words (400 characters or spaces) a minute.

Calls are set up simply by pressing a button on the dialling unit and dialling the number required. A green lamp on the dialling unit glows while the installation is in use.

The called subscriber's teleprinter automatically transmits its 'answer-back' code to verify that the call has been correctly established.

Identical messages appear on both machines as the call progresses.

The teleprinter can print in two colours; incoming messages can be in one colour and outgoing messages another.

At the end of a call the connexion can again be confirmed; the caller presses HERE IS to send his 'answer-back' and uses the WHO ARE YOU key to obtain the code of the other machine.

A call can be ended by either subscriber pressing a button on the dialling unit.

During a call either subscriber can attract the other's attention with the BELL key, which sounds an alarm and lights a red lamp at both installations. These signals stop when the RESET button on the dialling unit is pressed.

A buzzer to warn of the arrival of incoming calls can be switched into use, when required. An extension alarm to a nearby room can also be provided.

Messages can be received by the installation even when the office is closed, provided that the power supply is left on, and there is sufficient paper in the machine. An incoming call automatically starts the motor, and it is switched off when the distant operator presses the CLEAR button on the dialling unit.

The teleprinter can be switched to local use for practice or message copying, without preventing incoming calls. If a call is received while the machine is being used locally, the alarm and red light warn that the installation should be restored to normal use.

Single-ply paper, or multi-ply giving up to five under-copies, can be used in the teleprinter.

The paper is $8\frac{1}{2}$" wide and up to 69 characters or spaces can appear on each line. A warning lamp above the keyboard glows when 55 characters or spaces have been typed.

The line feed can be set to give single, intermediate, or double spacing when the key is operated.

General Information

The teleprinter has a sound-reducing cover incorporating a non-reflective window through which the message can be read. The cover is hinged at the back so that the operator can replace the paper or change the ink ribbon without difficulty. A transparent lectern, to which messages can be clipped, is fixed to the front of the cover. Two trays for messages are supported above the dialling unit, and the table contains a drawer for filing or storage purposes.

The compact dialling unit houses the power and auxiliary apparatus, and the installation works from AC mains supplied from a 3-pin socket outlet, of at least 5-amp rating, provided by the customer.

The teleprinter is 2′ 1″ by 1′ 7½″, and 12½″ high. The dialling unit is 1′ 4″ by 10″, and 5½″ high. The teleprinter and dialling unit are french grey, and the table measures 3′ 2″ by 2′ 4″, and is 2′ 3″ high. Allowing adequate room for the operator's chair and for maintenance purposes the whole installation requires a floor space of not more than 5′ by 4′. The total weight is 252lb.

Connexion charge	Quarterly rental
£15-0-0 ~~£10.0.0~~	£50.0.0

(There is a single-payment charge of £50 for this modern instrument)

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