

# Telex with Teleprinter 15

having Automatic Transmission

**This installation consists of the advanced design of teleprinter with integral reperforating attachment and automatic transmitter, and a dialling unit, mounted on a table. The equipment provides all the facilities offered by the basic telex installation with the great advantage that messages previously prepared on paper tape can be sent automatically at a constant speed of 70 words (400 characters or spaces) a minute. This is most useful when sending complicated accounting details, stock figures and statistical information, or when the same message needs to be sent to several destinations. Automatic transmitting equipment enables messages to be sent more efficiently and economically.**

**DLG 703**

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Telex Service



TELECOMMUNICATIONS





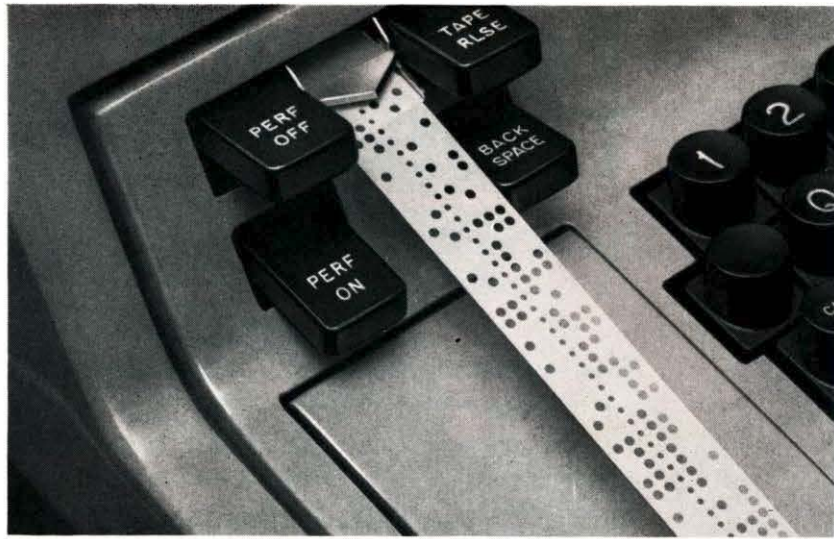
## General Method of Operation

Messages for automatic transmission are punched on paper tape in code form by the built-in reperforating attachment while the operator types on the teleprinter to produce a page copy.

The perforated paper tape is then loaded into the integral automatic transmitter, shown above, and a telex call is set up in the usual way. When connexion has been established, the transmitter is switched on and the message is sent automatically at the maximum speed of the teleprinter.

Incoming messages on this type of machine can be reproduced as printed page copy only, or as page copy and perforated tape at the same time, as required.

The installation can be used in the normal manner to send messages manually, when required.



## The Reperforating Teleprinter Keyboard

The keyboard is the same as that of the basic teleprinter but mounted above there are six additional organ-type keys, four associated with the reperforating attachment and two with the automatic transmitter.

### PERF ON

When this key is pressed down the reperforator attachment is engaged so that paper tape is produced at the same time as the page copy.

### PERF OFF

When this key is pressed down the reperforator is disengaged.

### TAP RLS E

When this key is held down, pressure on the tape is released so that it can be pulled forward.

### BACK SPACE

Each depression of this key moves the tape in the reperforator attachment back one character to allow errors made during tape preparation to be corrected.

### TAP TRANS ON

When this key is pressed down the automatic transmitter switches on, and the paper tape passes through to transmit the message automatically.

### TAP TRANS OFF

When this key is pressed down the automatic transmitter switches off to stop the tape, or if the message has ended, to stop the alarm.

## Facilities

In addition to all the facilities provided by the basic installation, messages can be transmitted at the maximum speed of about 70 words a minute instead of the average typing speed of 35 to 40 words a minute. Transmission time is shortened and the call charge is considerably reduced.

Messages are prepared on paper tape on the teleprinter before making a call. A printed page copy, produced at the same time, can be checked continuously for accuracy against the original text.

Errors on the tape can be corrected as soon as they are noticed on the page copy.

A taped message can be 'played-back' on the machine before sending to ensure that it is correct.

During the call, when the message is sent by running the tape through the transmitter, the printed page copy produced can be checked to ensure that the message is being transmitted correctly.

A message on paper tape can be used many times to transmit to several different destinations, to produce additional page copies for local use, or to make further taped copies of the message. If repetitive transmission of the same tape is required a heavier duty, parchmentised tape is recommended.

A perforated paper tape can be produced at the same time as the printed page copy on an incoming call, if

required. This is useful when the message needs to be relayed to another office.

If an incoming call is received during preparation of tapes an alarm sounds and a red light on the dialling unit warns that the installation should be switched to normal use.

An automatic transmission can be interrupted by the distant installation. If a key is pressed on that machine, the alarm and red light warn that the transmitter should be switched off to find out the reason for the interruption. Similarly, if a call is cut off, the alarm signals are given and the transmitter stops.

Alarm signals are also given and the transmitter stops as soon as the tape has passed through it.

If necessary, the connexion can be verified by using the **WHO ARE YOU** key, at any time during the call except when transmitting automatically.

The **HERE IS** key can be used to identify the calling installation at any time during a call except when transmitting automatically, or when making a tape.

A character can be printed and punched continuously by holding down the **RUN OUT** key. This enables the beginning and end of a tape to be identified with blocks of repeated perforations, and steps the message clear of the attachment for tearing off without mutilation.

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## 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 paper or tape roll 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 280lb.





### Notice to Customers

We do our best to supply our customers with the apparatus they ask for but from time to time we may have to provide apparatus which does not accord exactly with the descriptions and illustrations in this leaflet.

PH1672

Connexion charge	Quarterly rental
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~~£15.0.0~~  
£10.0.0

£75.0.0

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

**YOUR TELEPHONE SALES  
OFFICE WILL GLADLY  
SUPPLY ANY FURTHER  
INFORMATION**