

# Telex Installation with Teleprinter 7

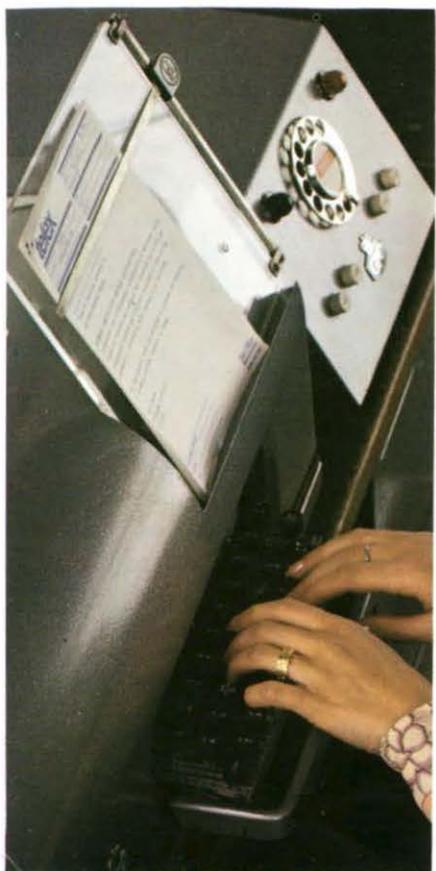
June 1973

Descriptive  
Leaflet

DLG 700

**The Telex Service enables its customers to dial calls and then communicate in print. Within the United Kingdom calls can be made between Telex installations at any time of the day or night.**

**Calls can be made to the majority of other telex customers all over the world.**



The installation consists of a teleprinter and dialling unit, mounted on a purpose-built table. The teleprinter is similar to an electric typewriter in operation. When a call takes place, identical copies of everything that is typed during the call are printed at both teleprinters.

The three-bank keyboard prints only in capitals, and certain keys have special functions.

The dialling unit has four control buttons and two signalling lamps.

The equipment is available in hammer-finish grey.

## How it operates

Each teleprinter has a telex number and an "answerback" code to identify it.

The "answerback" code of the called teleprinter appears automatically on the caller's teleprinter as soon as a connexion is set up. It can also be obtained by pressing the WHO ARE YOU key.

Calls are made by pressing the DIAL button and, when the green indicator glows, dialling the required number.

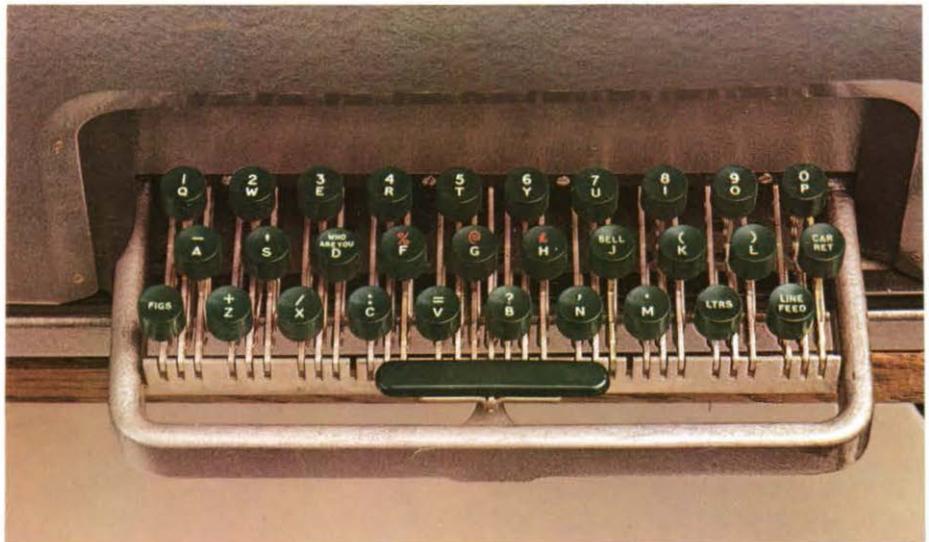
At the called installation, the teleprinter switches on automatically and returns its "answerback" code to confirm that it is ready to receive a message.

The caller then types the message, which appears on both teleprinters.

During a call, either operator 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 space bar is pressed.

At the end of a call, it is usual to confirm the connexion by exchanging "answerback" codes.

Either operator can end the call by pressing the CLEAR button.



## Facilities

A good operator can easily achieve 35 to 40 words a minute. The machine can be used at nearly 70 words (400 characters) a minute.

Everything that is typed during a call appears on both machines.

Single-ply paper, or multi-ply with up to five under-copies, can be used in the teleprinter. If more than two under-copies are needed, a loaded type-hammer can be fitted to the machine, free of charge if fitted with the initial installation.

The paper is 8½" (216mm) wide and up to 69 characters or spaces form each line. A warning bell sounds when 55 characters or spaces have been typed on a line.

The caller can set the line feed of his own machine for single or double spacing without affecting the distant machine.

A bell can be switched on, when required, to signal incoming calls. An extension alarm, or lamp signal, 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 teleprinter, and it is switched off when the distant operator presses the CLEAR button on his machine.

The teleprinter can be switched to local use for practice or message copying. If an incoming call is received, the audible alarm and red lamp warn the operator. After a short interval the teleprinter is automatically connected to the line so that the call can be received. The alarms can be stopped by pressing the RESET button.

## General information

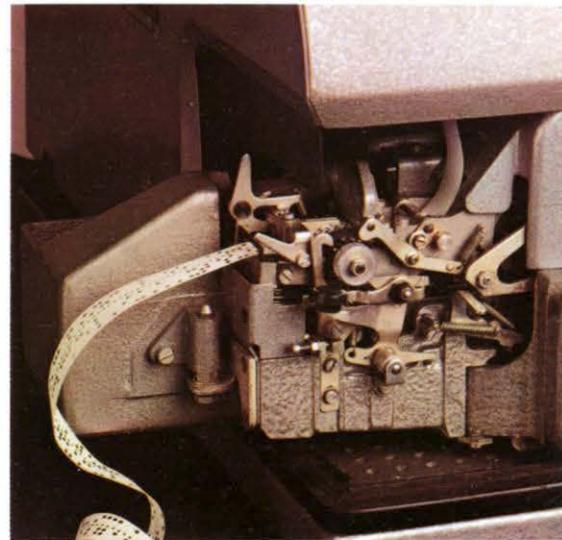
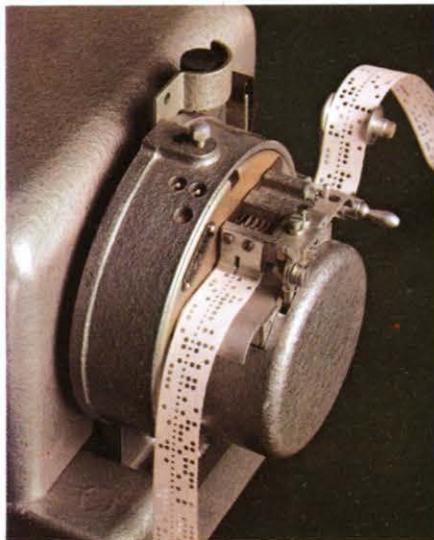
The teleprinter has a sound-reducing cover with a window through which messages can be read. The back of the cover is hinged so that the paper can be replaced or the ink ribbon can be changed without difficulty. A transparent lectern to hold messages is fixed to the front of the cover.

## Teleprinter 7 with Automatic Transmitter

The telex installation with automatic equipment enables messages previously prepared on paper tape to be sent automatically at a speed of nearly 70 words a minute. This shortens the duration of the call and considerably reduces the call charge.

The installation consists of a teleprinter with a tape-punching attachment (reperforator), dialling unit, and automatic transmitter, mounted on a table which houses the power unit.

The equipment is available in hammer-finish grey.



## How it operates

**Preparing the message.** Messages for automatic transmission are punched on paper tape in code form, by moving the "throw-out" lever on the reperforating attachment to the right before the message is typed in "local" on the teleprinter to produce a page copy.

Errors on the tape can be deleted as soon as they are noticed on the page copy, by using the back-space key on the reperforator and then overpunching. The completed message can be "played-back" on the teleprinter before transmission, to ensure that it is correct.

A character can be printed and punched continuously with the RUN OUT key. This assists in identifying the beginning and end of a tape with blocks of repeated perforations. The key can also be used to feed the tape out so that the message is clear of the teleprinter before the tape is detached.

**Sending the message.** The perforated paper tape is fed into the automatic transmitter 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 machine.

The keyboard cannot be used while the automatic transmitter is in use. When the tape ends the transmitter stops and this is indicated by the alarm signal and red lamp.



## Facilities

On an incoming call, the message as well as appearing as the page copy can be produced on paper tape. This is useful when the message has to be relayed to another office.

An automatic transmission can be interrupted by the called installation. If any key is pressed repeatedly on that machine an alarm and red light warn that the transmitter should be stopped in order to find out why the call has been interrupted.

A message on paper tape can be used several times to transmit to different destinations or to produce additional page copies for local use. A stronger tape is available where frequent transmissions of the same message need to be made.

If a call is cut off, or the tape gets caught up, the alarm signals are given and the transmitter stops.

## General information

The information given for the basic telex installation also applies to the installation with automatic transmitter. Additionally, there is a metal holder on the outside of the teleprinter cover to hold a roll of paper tape.

## Dimensions and weights of Teleprinter 7

	Basic Telex Installation	Telex Installation with automatic transmitter
Teleprinter	2' 0" × 2' 0" × 1' 0" high (610mm × 610mm × 305mm)	
Teleprinter (including lectern)		2' 5" × 2' 3" × 1' 6" high (737mm × 686mm × 457mm)
Dialling Unit	1' 4" × 9½" × 6" high (406mm × 241mm × 152mm)	1' 9" × 11" × 7" high (533mm × 279mm × 178mm)
Table	3' 3" × 2' 3" × 2' 3" high (991mm × 686mm × 686mm)	4' 3" × 2' 3" × 2' 3" high (1295mm × 686mm × 686mm)
Transmitter		1' 4" × 8" × 8" high (406mm × 203mm × 203mm)
Maximum Floor Space required (allowing adequate room for operator's chair and for maintenance purposes)	5' × 4' (1524mm × 1219mm)	5' × 5' (1524mm × 1524mm)
Total weight	250lb (113Kgs)	280lb (127Kgs)

In addition to the Teleprinter 7, we supply the Teleprinter 15, details of which are given on the following leaflets –

Telex service with Teleprinter 15	DLG 702
Telex service with Teleprinter 15, having automatic equipment	DLG 703
Console-mounted Teleprinter 15 installations	DLG 704

### 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 and illustrations in this leaflet.

From 1 April 1973 value added tax will be payable for telecommunications services and will be added to the total of charges on customers bills. Rentals and connexion charges are quoted in DLG 1 – the preface sheet for Section G descriptive leaflets.

**Your Telephone Sales Office will gladly supply any further information. The address and telephone number are shown in the preface of your telephone directory.**