

CTL Modular One Peripheral Devices

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1. Teletypes

The Teletypes were labelled “NET 3” and “MMI” when they were used at the National Physical Laboratory.

Both devices were manufactured by the Teletype Corporation of Skokie Illinois and supplied in the UK by Data Dynamics Ltd.

1.1. Teletype Labelled NET3



Does this labelling reflect the NPL network address of the Computer?

This device has four prime functions; Keyboard, Printer, Paper Tape punch and Paper Tape Reader. The paper tape reader is at the left front and mechanically senses the holes in the tape. The punch is on the left of the machine, there are four clear buttons arranged in a square that are used to control it. The blank paper tape reel would sit in the slot at the top left of this picture.

1.2. Teletype Labelled MMI



From memory some research work was done at NPL on Man Machine Interfaces. This device has a red CTL label on the front.

1.3. Manuals



2. Paper Tape Reader 1.32

1.32 is the CTL Device number for the High Speed Paper Tape Reader.



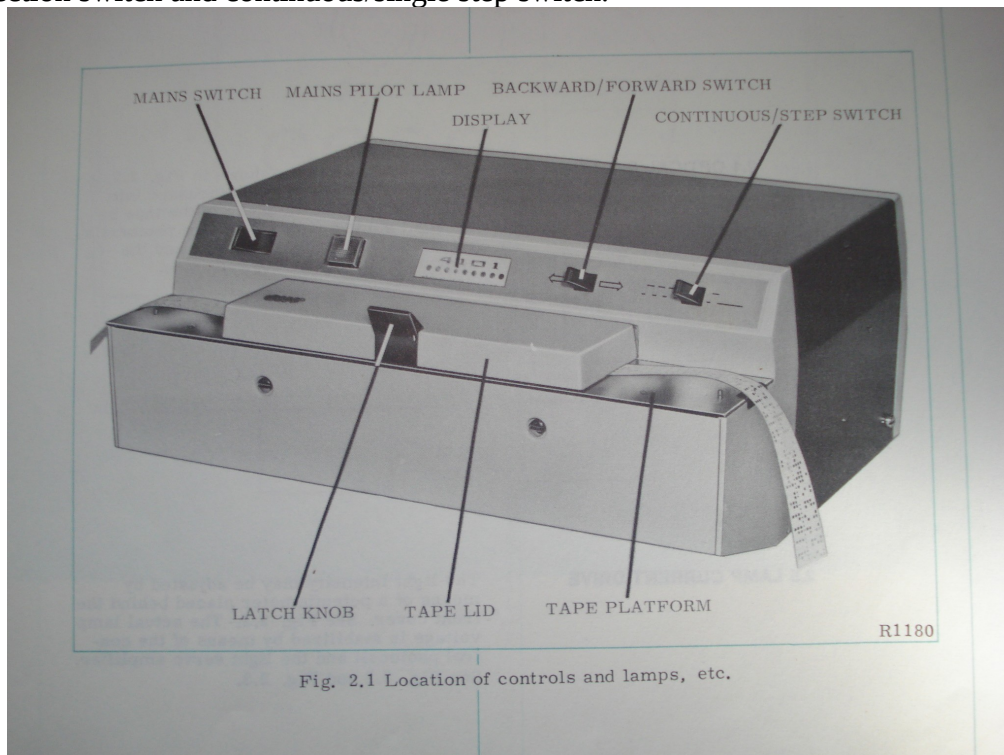
4101 Photoelectric paper tape reader. GNT Automatic A/S Denmark.



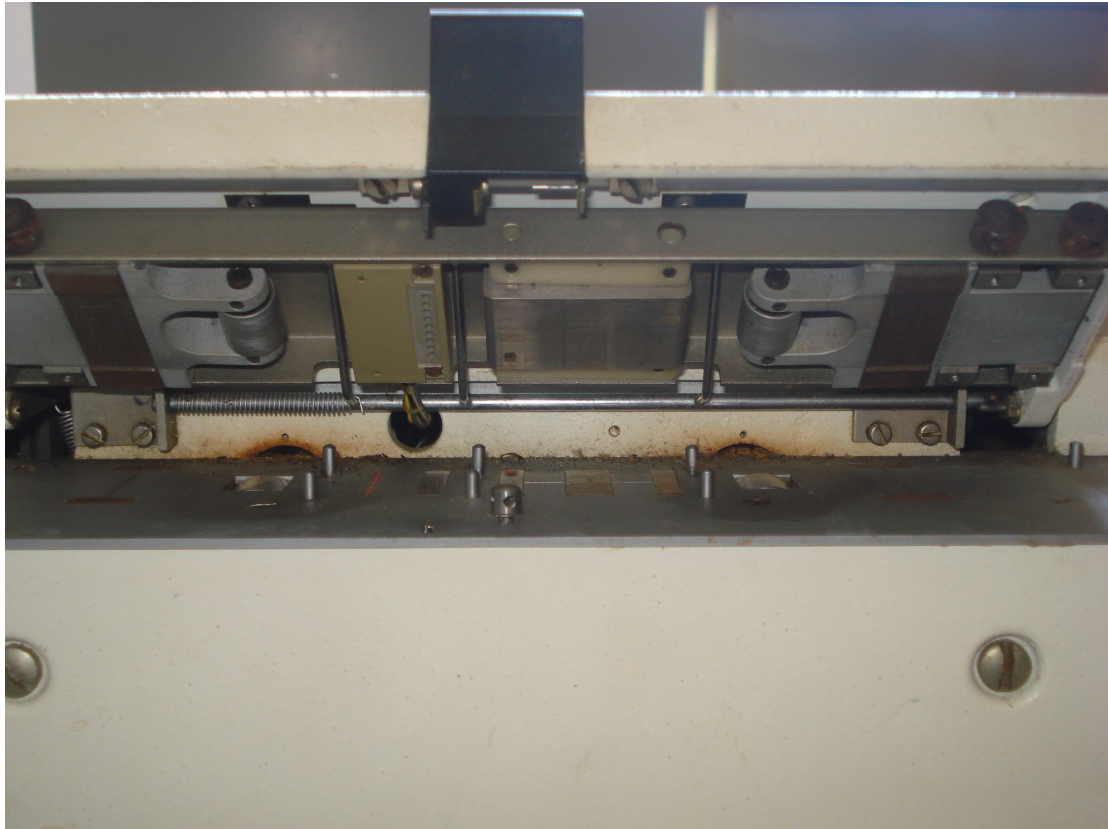
CTL Badge label, power cable entry, data connector to the Modular One and the manufacturers label "Great Northern Telegraph Works Copenhagen Denmark". The serial number is 147249.



Tape reader controls; L-R, Power switch, Power indicator, the bit pattern display, direction switch and continuous/single step switch.

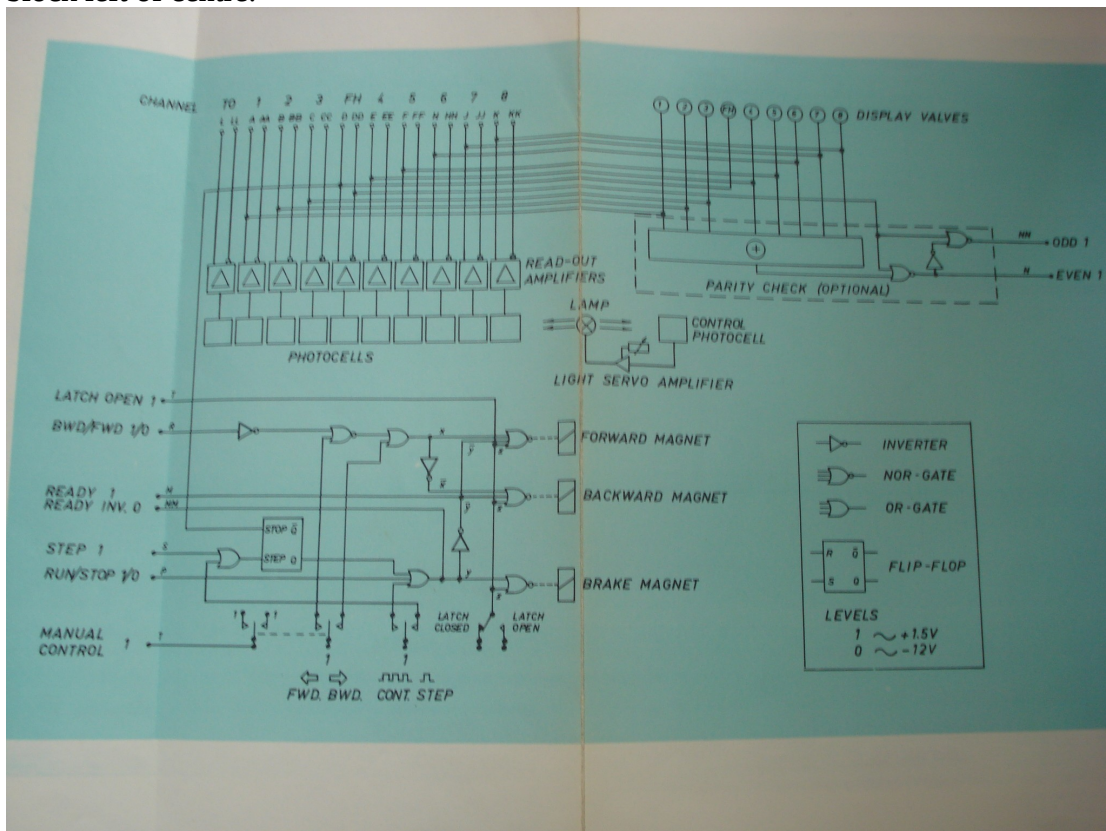


Redhawk Systems Limited



The paper tape transport and reader head.

The tape is driven from below; magnets are used to pull the cover down to help keep the tape flat. The reader head photovoltaic sensors are mounted in the khaki coloured block left of centre.



The Logic diagram for the PTR from the manual.

