

Datel Services Control 2400



Descriptive Information

Control 2400 is part of a range of Control Systems designed by the Post Office. It provides a convenient, efficient and space saving method of accommodating the equipment used in connection with the Datel 2400 service. The system has been designed on a modular basis, permitting easy expansion as the customer's requirements increase.

Facilities

Each cabinet contains the control units and modems for up to 4 private circuits. The system is equipped with a telephone to which an exchange line is connected, providing access to the Public Switched Network for standby use and also making the remote test facility available to any modem. Speech facilities are available over the private circuits if required. Visual and audible indicators draw attention to the status of the circuit and/or modem.

Flexibility

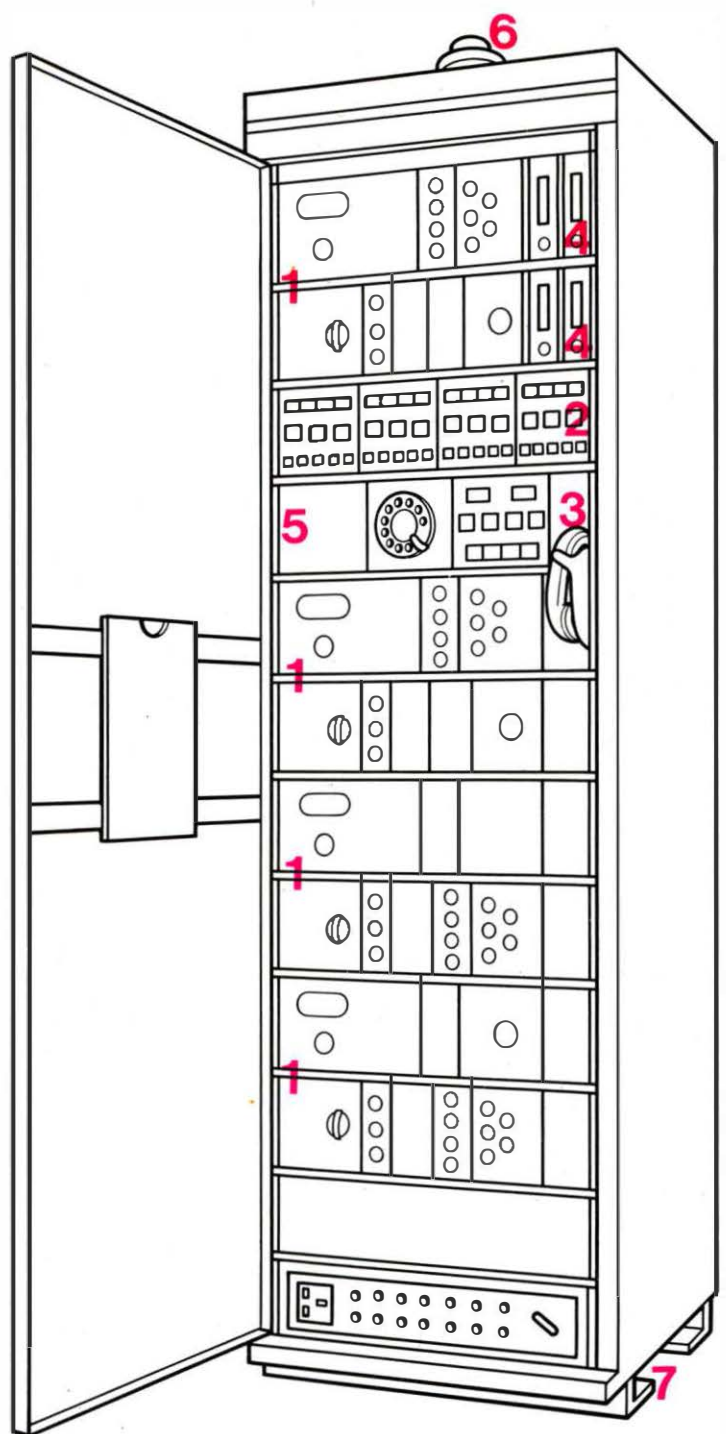
Control 2400 has been designed as a series of modules – 1 control module and 1 modem for each private circuit. As user requirements increase additional modules can easily be added. For larger systems, Control 2400 can be racked en suite. Easy-to-use plugs provide full flexibility between circuits and modems. The exchange line can be connected to any modem for either public network standby use or the remote testing of any modem by the Post Office. Both "Connect Data Set to Line" and "Data Terminal Ready" modes of operation can be selected according to the type of terminal used.

Testing and Fault Diagnostics

Test access to the system is simplified since all the component parts are situated in one cabinet. Interface sockets for modems are conveniently situated in the top right corner of the cabinet adjacent to the control unit and remote test buttons.

The Cabinet

Control 2400 is housed in an attractive stainless steel cabinet and is fitted with a door. The cabinet does not require support from the side or top as the fixing is made to the floor. A plinth can be supplied if the cabinet is fixed to a solid floor, permitting the necessary cable entry to be made from the base of the cabinet.



- 1 **Datel 2400 Modems**
- 2 **Control Units** – providing answer/originate calls, speech, patching and test facilities
- 3 **Telephone Unit with associated Dial Unit and Handset** (test access and standby capability)
- 4 **Interface Plugs**
- 5 **Power Unit**
- 6 **Alarm Lamp**
- 7 **Plinth** (optional)

Physical Description

Height	1912mm (with plinth 1988mm) (75½"/78¼")
Width	597mm (23½")
Depth	597mm (23½")
Maximum Weight	227 kg (500 lb)
Distribution loading	6kPa (125lb/sq ft)
A clear area of 840mm (33") in front of and 840mm (33") to the rear of the cabinet is required.	
Power Supplies	200-250 volt 50 Hz AC
General:	Floor access to the cabinet should be available for cabling. The Post Office will supply a plinth if the rack is fitted to a solid floor.