

Private Manual Branch Exchanges 2+6, 3+12 and 4+18



British
TELECOM

PMBX 2+6, 3+12 and 4+18

The PMBX 2 + 6, 3 + 12 and 4 + 18 form a range of desk-standing cordless switchboards, which can meet a wide range of business requirements. Neat and compact, they are suitable for the modern reception area, particularly since no separate equipment room is required. They are easy to operate and feature a visual indication on the switchboard of calls actually in progress.

How they operate

Each exchange line, each extension and the operator's telephone has a signalling lamp above a column of keys, these keys being used to answer and connect calls. All calls are signalled with lights on the switchboard. A buzzer, which operates with the lights, can be switched on or off, as required. Extensions are called by pressing down the associated key in the bottom row.

Standard facilities— all models

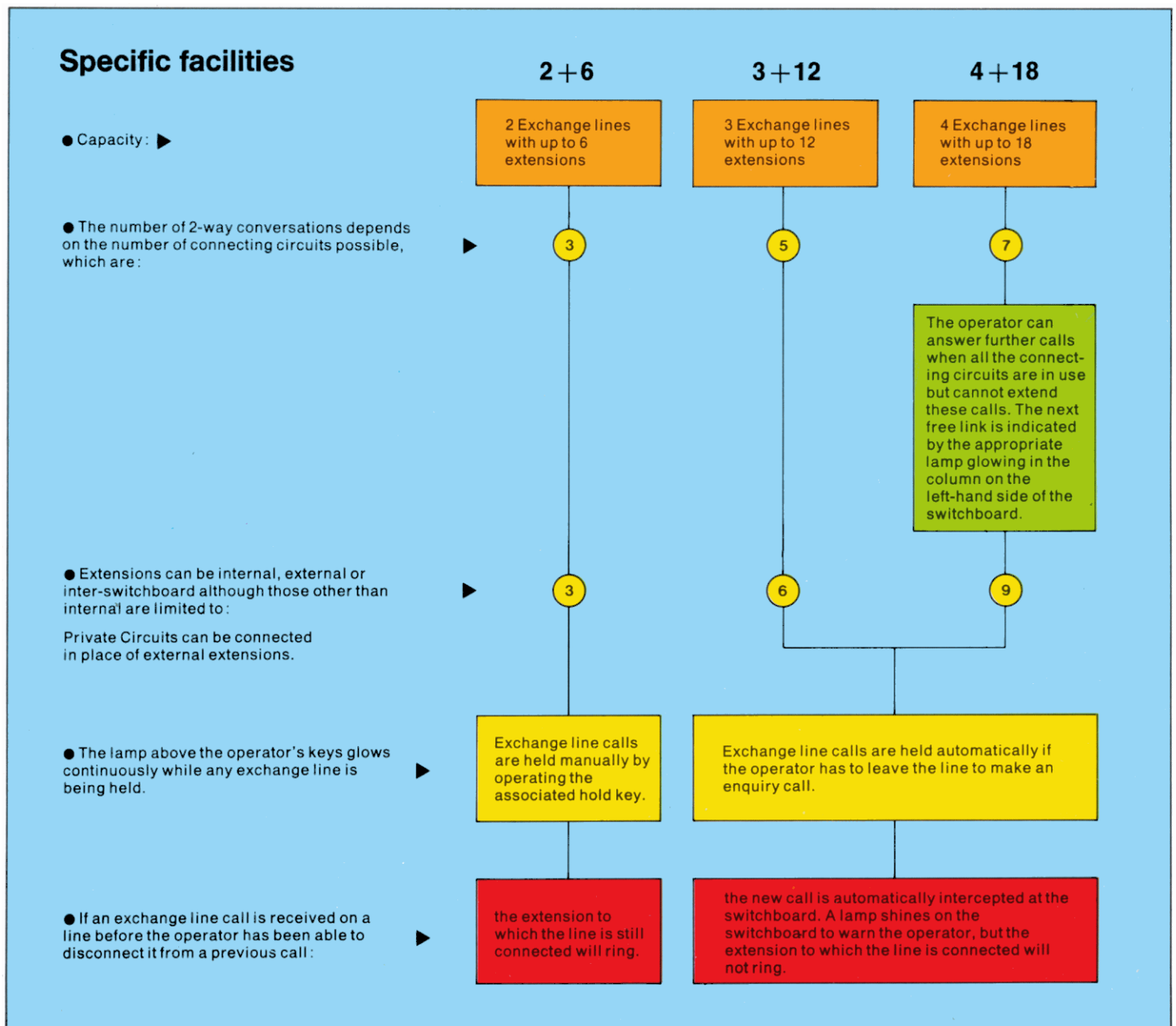
Extension telephones can make calls direct, without having to go through the switchboard operator, provided the operator has connected the extension to an exchange line.

Each extension telephone has a button which can be used to signal the operator while a call is in progress. The operator can then assist as necessary

or transfer the call to another extension.

The operator can also speak to an extension, without being overheard, while holding on exchange calls. A lamp shines to remind the operator that the exchange line is being held.

Night service can be provided by connecting each exchange line to an extension and switching on the night service key. This will also cut off the switchboard alarm and lamps. A



two-tone grey dial telephone, which matches the switchboard, is normally provided for the operator.

Power for signal lights, bells and internal calls is obtained from a mains unit. If there is a mains failure, exchange calls in progress remain connected. A fresh incoming call on the first exchange line rings the bell in the operator's telephone. The remaining lines can be switched through to an extension so that calls can be made and answered at those telephones.

Optional facilities— all models

A stand-by power supply together with a mains failure warning lamp can be provided for an additional charge.

Extension arrangements to plans 1, 1A, 12A, 105, 105A, 107 and 107A can be provided on switchboard extensions.

Headsets for operators can be provided for a small additional charge.

Extension telephones can be provided as either dial or press-button models, in table or wall-mounted versions and in a range of colours.

It should be noted that additional charges apply for press-button telephones.

Top right: PMBX 2+6
Right: PMBX 3+12
Below: PMBX 4+18



General information

Each switchboard operates from a power unit supplied from a 3-pin mains socket of at least 2-amp rating, provided by the customer.

The power unit, together with a connexion box, is usually

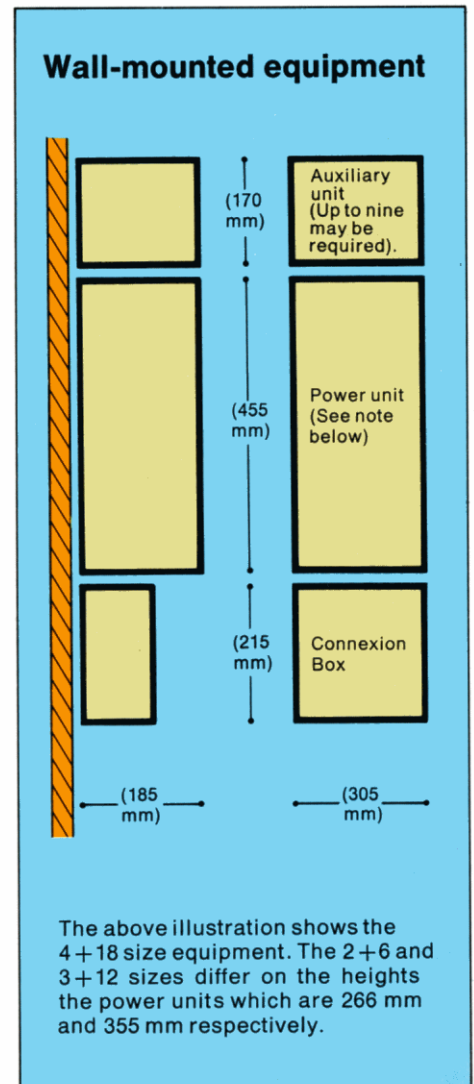
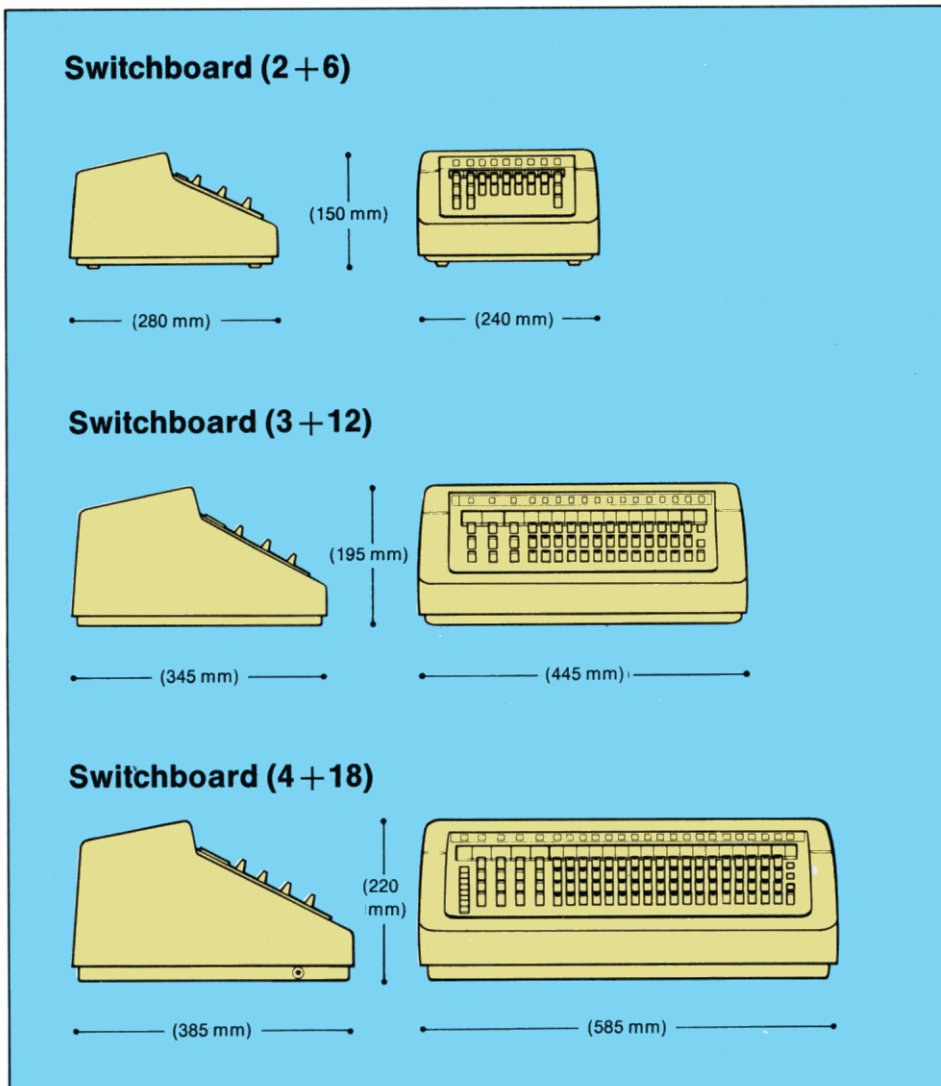
wall-mounted in any convenient position, provided the cable run from the switchboard is not longer than 30.5m.

For installations requiring external extensions and circuits with special

telephone arrangements, the power units are heavier and a further auxiliary unit is required for each circuit. These are limited to 3, 6 and 9 for the 2+6, 3+12 and 4+18 respectively. The cases of the power and auxiliary units are grey.

Range of PMBX Cordless Switchboards (Desk standing)

Size of Switchboard	Exchange Lines	Extensions	Calls Possible at Same Time	Weight of Board Kg.	Weight of Power Unit & Connexion Box		Auxiliary Unit Weight Kg	Max. No.
					Internal Extns Kg	External Extns Kg		
2+6	2	6	3	5.4	7.7	9.1	4.5	3
3+12	3	12	5	15	9	18	4.5	6
4+18	4	18	7	25	18	24	4.5	9



DLC 300

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, illustrations and shades of colours shown in this leaflet.

Your Telephone Sales Office will gladly supply any further information or details of any changes in the information in this leaflet since it went to print. The address, telex and telephone numbers are shown in the preface of your Telephone Directory.