

STRAND REMOTE CONTROL

Siting and Wiring.—The control desk, which operates on 230 v D.C. provided by the valve bank, is completely internally wired to numbered terminal blocks. Apart from accessories such as signal lights, remote colour change switches, etc., this control only requires one wire per dimmer-way plus three feed wires. (Ninety-three wires for a ninety-way control, one hundred and seventy-five for a one hundred and seventy-two-way control, and so on.)

Inter-connection.—Control wires between panel and valve bank should be small gauge high insulation, e.g., 7/.0076 P.V.C., and the remaining three feed wires not less than 3/.036 gauge. The small size of the control and its wires, make it eminently suitable for remote operation, e.g., Front of House position where an unobstructed view of the stage may be obtained. The control point may be placed up to 400 feet from the valve bank.

Dimensions.—As alternative arrangements are possible for any given number of circuits, the following figures—which include the duplicate panel—are examples only. They assume that the two panels are placed side by side, whereas it may be found more convenient to place them at an angle or parallel to one another with the operator between them.

Number of Ways		Approx. Dimensions of Panel Face
48	...	36 inches × 36 inches
60	...	36 inches × 42 inches
72	...	36 inches × 50 inches
96	...	36 inches × 72 inches
144	...	36 inches × 100 inches

When panels are mounted in desk form the depth is about 26 inches. When panels are wall mounted the depth is 7 inches and the grand master cross control is supplied as a separate unit mounted vertically or horizontally as required.

THE VALVE BANK

Electric Supply.—The apparatus requires a 3-phase 4-wire 50-cycle A.C. supply and is designed to operate on a line voltage of from 200 to 250 v. A.C.

Layout.—The size of valve bank will depend on the size of the installation. To assist economic production certain standardisation has been adopted, whereby a complete valve bank will consist of the necessary number of valve racks (each accommodating up to 24 "dimmer" ways) plus a main section for every two such racks. Thus an installation of 96 ways will require 4 valve racks and 2 main sections. These may be placed in line, at an angle, or parallel to one another as the situation requires.

Main Sections.—Main sections which are totally enclosed and ventilated, contain transformers, rectifier, main control switches and fuses, etc. They also act as distribution centres for both control and lighting circuits.

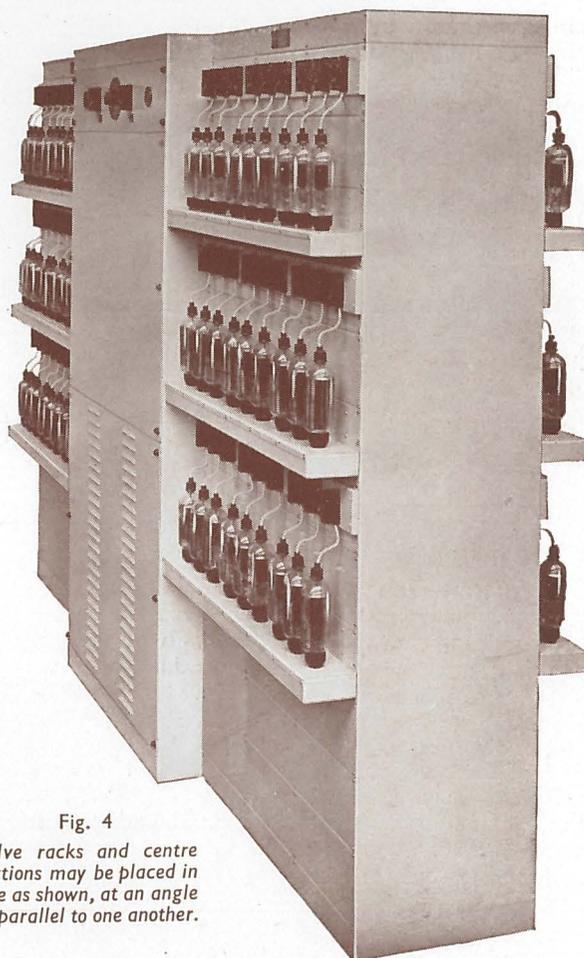


Fig. 4

Valve racks and centre sections may be placed in line as shown, at an angle or parallel to one another.

BRANCH
399, OLDHAM RD.
MANCHESTER, 10
COLLYHURST 2736

THE STRAND ELECTRIC & ENGINEERING CO., LTD.

HEAD OFFICE AND SHOWROOMS

29, KING STREET, COVENT GARDEN, LONDON, W.C.2
SALES COUNTER AND GOODS ENTRANCE: 24, FLORAL STREET, W.C.2
TELEPHONE: TEMPLE BAR 4444 TELEGRAMS: SPOTLITE, RAND LONDON

BRANCH
62, DAWSON ST.
DUBLIN
DUB. 74030