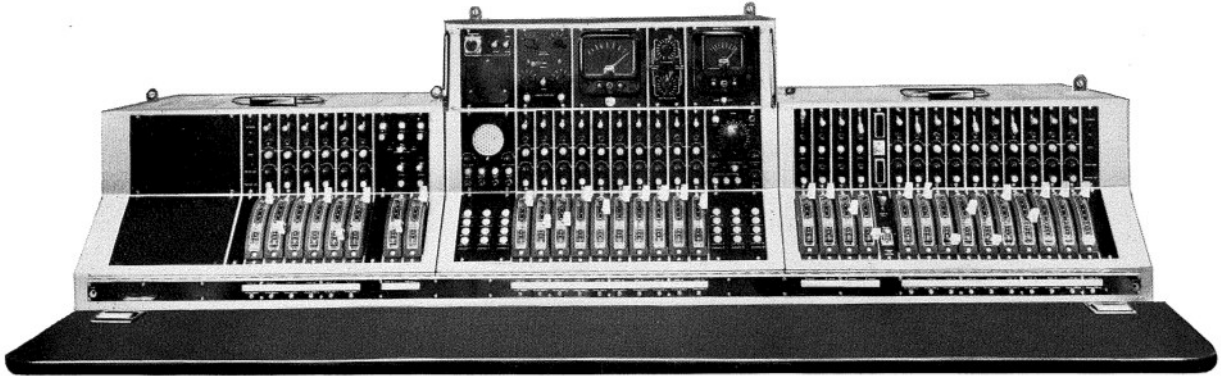




Television Sound Control



A television sound control desk.

8178

THE amplifier and control module system finds another useful application in the construction of sound control desks for television. The compact system and flexible arrangement afforded are particularly desirable in this field where space is always at a premium, and where large numbers of microphones must be catered for in any one programme, with many additional facilities.

As with the sound broadcasting control desks, certain standard configurations have been established, but custom-built design and circuits to any individual client's requirements may readily be arranged. Each of these desks consists of a console which holds the faders and the majority of amplifiers. It is set on two pedestals in which the power supply units, jackfield and remaining amplifiers are accommodated.

The largest of the desks caters for no fewer than 26 microphone inputs and uses 53 amplifiers. In spite of the large amount of equipment incorporated, it has been found possible to design the whole assembly so that it can be operated by one man, the distance between the outermost faders being 4 ft 10 in. (147 cm). In addition the overall height of the desk is only 3 ft 6 in. (107 cm) which gives the operator a satisfactory view over the top into a studio or camera control room. This latter feature has been achieved by tipping back the console (which is shown horizontal in the photograph) into the body of the desk at an angle of about 30° to the horizontal.

Details of the three versions of this type of equipment are shown below. Each has full prefade listen facilities on each channel,

and full visual monitoring by VU meter or peak programme meter. Other features include:

Group control of faders.

Echo on all channels if required.

Public address circuits, on all or individual channels or groups.

Built-in tone-source.

Talkback panel for boom-TB, omni-TB and floor-TB.

Prompt-mute circuit, which mutes the programme output to line, if required.

Spare power supply unit, switchable.

Spare amplifiers for main programme lines.

All desks also have a feedmeter unit to check the feeds of every valve stage.

The 'Minor' desk, Type BD 966, is available in either studio or transportable form. This permits it to be fitted in a mobile television control room.

FACILITIES OF TYPICAL CONTROL DESKS

Type	Description	Control Channels			No. of Amplifiers	Dimensions		
		Mic.	High Level	Main		Width	Height	Depth
BD 964	'Major' Television Sound Control Desk	26	9	1	53	6ft 4in. (193 cm)	3ft 6in. (107 cm)	3ft (92cm)
BD 965	'Medium' Television Sound Control Desk	18	9	1	38	4ft 10in. (147 cm)	3ft 6in. (107 cm)	3ft (92cm)
BD 966	'Minor' Television Sound Control Desk	11	3	1	23	3ft 2in. (97 cm)	3ft 6in. (107 cm)	3ft (92cm)

Marconi

Marconi's Wireless Telegraph Company Limited
Marconi House, Chelmsford, Essex
Telephone: Chelmsford 3221 · Telex: 1953
Telegrams: Expanse Chelmsford Telex