



## Continuity Control Desk *Type BD 521*



THE CONTINUITY CONTROL DESK Type BD 521 is designed to provide continuity of broadcast programme at controlled level, from a number of studios and outside broadcast sources.

The desk is suitable for use in a continuity suite comprising one continuity control room and one or two continuity studios, these studios being additional to the main programme studios. Alternatively, when the maximum operational economy is required, the desk can be used in a single continuity control room attended by one

operator who is responsible for making continuity announcements as well as selecting and controlling the outgoing programme.

The desk is robustly constructed of rolled metal with a top of polished teak. All controls are positioned to give the greatest comfort and ease of operation. The hinged construction of the main console greatly facilitates servicing.

### FEATURES

#### *Flexible input arrangements*

- (a) One programme circuit from a continuity studio at approx.  $-20$  dbm or, alternatively, one low level input from a local microphone.
- (b) Eleven programme circuits from local studio control consoles at zero level on four channels.

- (c) Eleven outside broadcast sources at zero level on two channels.

*Interval signals and time signals.* Provision is made for injecting an interval signal and time signal into the programme.

*Pre-fade listening.* Incoming programmes on any arrangement may be listened to on headphones or loudspeaker.

*Monitoring facilities.* Outgoing programmes may be monitored on both headphones and loudspeaker.

*Rehearsal facilities.* Provision for gramophone rehearsals in a continuity studio when the desk is used in a continuity suite.

*Talk-back.* Facilities for talk-back with the continuity studio when the desk is used in a continuity suite.

*Cueing and signalling.* Facilities for cueing and signalling a continuity studio when the desk is used in a continuity suite, and eleven studio control cubicles.

*Outside broadcast control.* Two outside broadcast control lines are available for making and receiving telephone calls.

*Output arrangements.* Normal output impedance of 150 or 600  $\Omega$  balanced or unbalanced. Level indication by means of a VU meter or peak programme meter, one output being available at +18 dbm. Facilities are available for routing two of the studio sources and an outside broadcast source to a separately controlled output

for recording or rehearsal. Provision is also made for fitting a unit comprising two dual-channel trap-valve amplifiers and power pack for feeding programme, ring main circuits and recording rooms. Output impedance in this case of 75  $\Omega$  for feeding lines of from 100 to 1000  $\Omega$  impedance.

The unusual versatility of the desk makes it equally suitable, therefore, for large or small studio schemes and it is of distinct value in cases where further extensions are envisaged. Should the number of sources exceed eleven, then a simple solution can be found by employing a programme source selector unit in the central control room. Other additional sources may be catered for in the same way.

### PROGRAMME SELECTION

Each incoming programme source is routed through a suitable loss pad and the required channel selected by means of six rotary switches and a seven-channel mixer unit used in the following arrangement.

- (a) One channel is permanently associated with the output from the continuity studios.
- (b) Four channels are permanently associated with eleven studio programme sources. Four rotary switches connect one selected input to any one of the mixer channels.
- (c) Two channels are permanently associated with eleven outside broadcast sources; two rotary switches providing selection as in (b).

**Marconi**

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