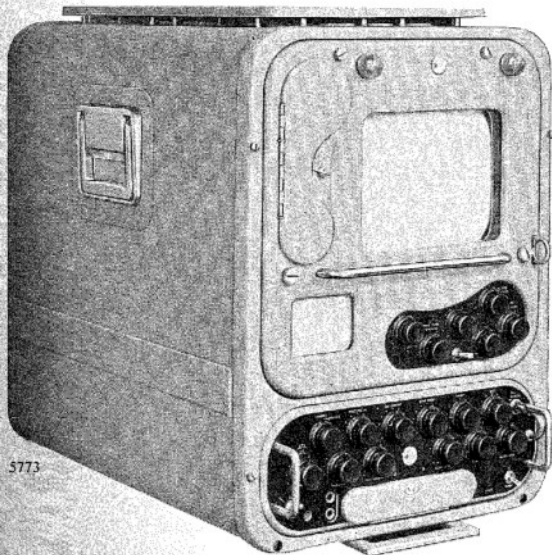




Mounting Arrangements for Television Units



The Picture and Waveform Monitor Type BD 627 and Camera Control Unit Type BD 626 housed in the mobile case, which may be fitted on a shock absorber mounting.

AS PART of a versatile television equipment range, the Mobile Case and Console Housing have been designed to accommodate the standard chassis and combination of chassis commonly employed in camera and vision mixer channels.

Mobile Case Type BD 628

The case is of sheet metal construction and is provided with two convenient carrying handles. It can be fitted on a shock absorber mounting for transportable applications.

Typical assemblies would be the Picture and Waveform Monitor Type BD 627 with the Camera Control Unit Type BD 626, and a Line

Strobe Waveform Monitor Type BD 660, with a Regulated Power Supply Unit Type BD 653.

Console Housing Type BD 650

The console housing is the studio equivalent of the mobile case and will house the same units. Two-unit combinations as before are associated together as a single assembly before being inserted into the console housing, and, being designed with runner-mounted chassis, need not be disturbed for maintenance purposes. Transmitter control panels, master control switching panels, etc., may also be mounted.

It has been styled to provide optimum comfort and convenience for the operator and has the following features:

(a) An operator of average height when seated comfortably at the controls, can see over the top of the console section and into a studio beyond or to cabinet mounted monitors, etc.

(b) Sufficient clear space is available within the base of the unit to accommodate all cabling, including camera cables associated with camera control or other assemblies.

(c) A desk of convenient width is provided to accommodate scripts etc., required during operation.

(d) No access for any purpose, including installation operations, is required to the rear of the unit. It may, therefore, be fitted permanently against, say, the dividing wall between control room and studio.

The console housing is designed to mount on a 4-in. high base formed from channel section steel. This can be fixed to the floor and the console section bolted to it. This provides a wiring duct between sections so that no underfloor duct is required. It also provides a stout kick plate at

the front of the console. Operating positions are made up by assembling a number of housings side by side to form a studio suite.

| Dimensions: | Height | Width | Depth |
|-----------------|-----------------------------|--------------------|--------------------|
| Mobile case | 21 in. (53 cm) | 15½ in. (39 cm) | 22 in. (56 cm) |
| Console housing | 45 in. (114 cm) | 15½ in. (39 cm) | 47 in. (119 cm) |
| Desk height | 30½ in. (77 cm). | | |
| Panel area | 20½ × 15½ in. (52 × 39 cm). | | |

Console Frame Type BD 866

Where additional equipment is required to be mounted at a control position the Console Frame is convenient. In addition to a Camera Control Unit, mounting is provided for a 5 in. waveform monitor, Type BD 810, a 14 in. picture monitor, Type BD 819 and other auxiliary units.

The frame is of welded angle-iron construction, into which the mountings for the units are affixed. Ventilation louvres are fitted at the front and also at the top. A centralised corrector panel is provided at the rear, and side covers may be fitted. A desk of convenient height forms part of the frame which is of the same dimensions as the Type BD 650 apart from the height; this is 6 ft (183 cm).

Mobile Equipment Desk Type BD 644

Of lightweight construction, the equipment desk is designed to mount four mobile cases in a convenient operating position and thus caters for three camera channels plus mixer. The power supply units, synchronising generator, etc., can be conveniently stowed underneath the desk.

Single Equipment Stand Type BD 631

This is a simple lightweight tubular stand designed to take a standard mobile case Type BD 628 and a mobile regulated power supply

unit Type BD 629, arranged one above the other. It would be used to mount a camera control and preview monitor for single camera channel operation, or a line strobe waveform monitor, etc. It has been designed in two editions, the Type BD 631B without wheels, and the Type BD 631C with wheels.

| Dimensions: | Height | Width | Length | Weight |
|----------------|------------------------|-----------------------|-------------------------|---------------------|
| Upper deck | 6 in. (15 cm) | 2 ft 1 in. (64 cm) | 6 ft (183 cm) | 70 lb (31.8 kg) |
| Lower deck | 11 in. (28 cm) | 2 ft 3 in. (69 cm) | 5 ft 7 in. (170 cm) | 66 lb (30 kg) |
| Bracing frame | 2 ft 10 in. (86 cm) | 1 in. (3 cm) | 5 ft 11 in. (180 cm) | 15 lb (6.8 kg) |
| Assembled desk | 5 ft 5 in. (165 cm) | 2 ft 3 in. (69 cm) | 6 ft (183 cm) | 151 lb (68.5 kg) |

Cabinet Racks

Equipments for studios and transmitter control such as power supply units, amplifiers, synchronising generators, relay switching systems, etc., are all mounted into cabinet racks. These cabinets can be assembled side by side or used singly. They are designed to mount directly on the floor over a duct or can be mounted on a plinth which provides a duct.

Internally the cabinets are fitted with uprights drilled and tapped to take standard 19 in. panels or chassis, and simple means are provided to fix the internal cables to the sides of the cabinet.

These cabinets are available in the three standard overall heights. All are normally supplied with rear doors fitted with a lock handle; front doors are optional and also have a lock handle.

Dimensions:

| | |
|---------|---|
| Heights | 3 ft 6¼ in. (107 cm), 6 ft (183 cm), or 7 ft 0¼ in. (214 cm). |
| Width | 23½ in. (60 cm). |
| Depth | 20½ in. (51 cm) with rear door only. 21½ in. (53 cm) with two doors. |

Marconi

MARCONI'S WIRELESS TELEGRAPH COMPANY LIMITED

Marconi House, Chelmsford

Telephone: Chelmsford 3221. Telex: 1953. Telegrams: Expanse Chelmsford Telex