Marconi Broadcasting Systems

Housings for Television Equipment B4300

Rack Cabinet Type B4303

This is a 2·08m (6ft 9·75in) high cabinet designed for mounting 483mm (19in) wide standard panel units. The cabinet has open sides permitting easy access to the units while side covers are available for the ends of groups of cabinets.

The cabinets are very strongly constructed and are capable of carrying heavy loads without distortion.

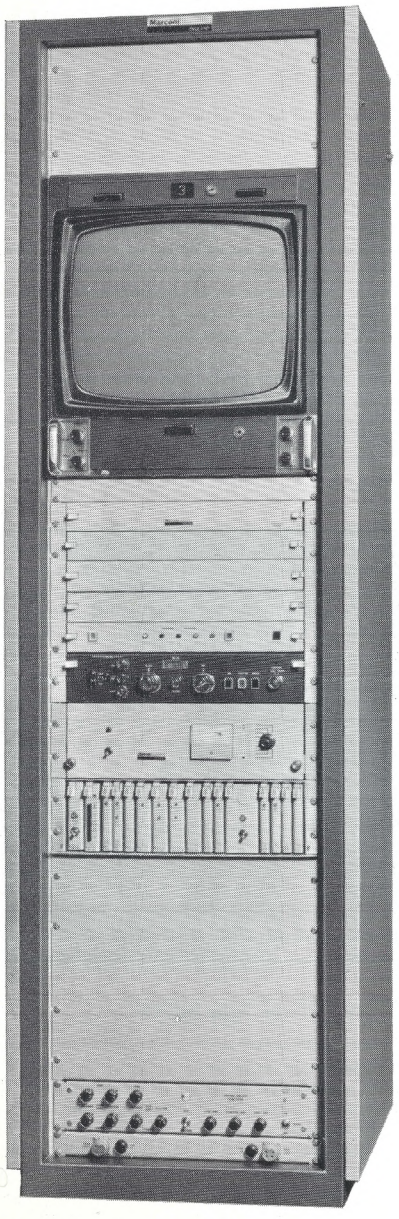
The depth is 580mm (23in) inside the door frames to allow for mounting of heavy units which can be supported from both front and back cabinet members. Provision is made for the attachment of air ducts, or alternatively vented top panels can be provided.

The standard cabinet is supplied with one door and is complete with cable straps, tapped securing angles and a plain top panel.

The cabinet is designed to fit into standard containers for shipping and is finished in light and dark grey textured acrylic.

Dimensions:

Height	2·08m (6ft 9·75in)
Width	572mm (22·5in)
Depth	610mm (24in)



Rack Cabinet Type B4303

Control Console Type B4313

The Type B4313 Control Console is built up of standard sections, each of which can house a wide variety of control panel arrangements bringing great flexibility to equipment housing.

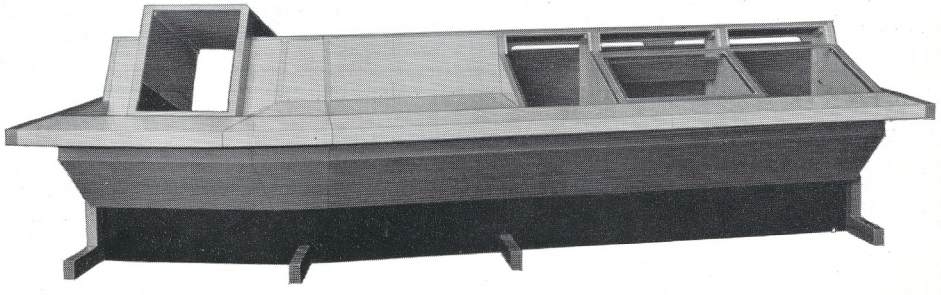
The illustration shows a console fitted partly with blank panels which from left to right are a Picture and Waveform Monitor section, producers section and mixer section. The console has been designed with operating experience firmly in mind and the well in front of the monitor housing takes the camera remote controls.

The producer's desk has an extra large flat script surface, and talkback panels fit in the rear vertical section. The width of this section can be increased, as shown by the addition of an angle section, making a position for a producer's assistant available. The mixer section has space for large areas of control panels, sloping at the optimum angle for comfortable operation.

The control console is constructed of hardwood and covered with decorative laminate and reinforced with metal. Standard finish is 'off white' for the desk, light wood grain for the rear, sides, and underside, with a black 'kicking' panel.

Dimensions:

Height of desk surface 690mm (27in)
Depth of desk surface (monitor position) 330mm (13in)
Depth of desk surface (producer's position) 700mm (27·5in)
Width of monitor section 760mm (30in)
Width of mixer section 1·44m (56·5in) (may be varied).



B4313 Control Console

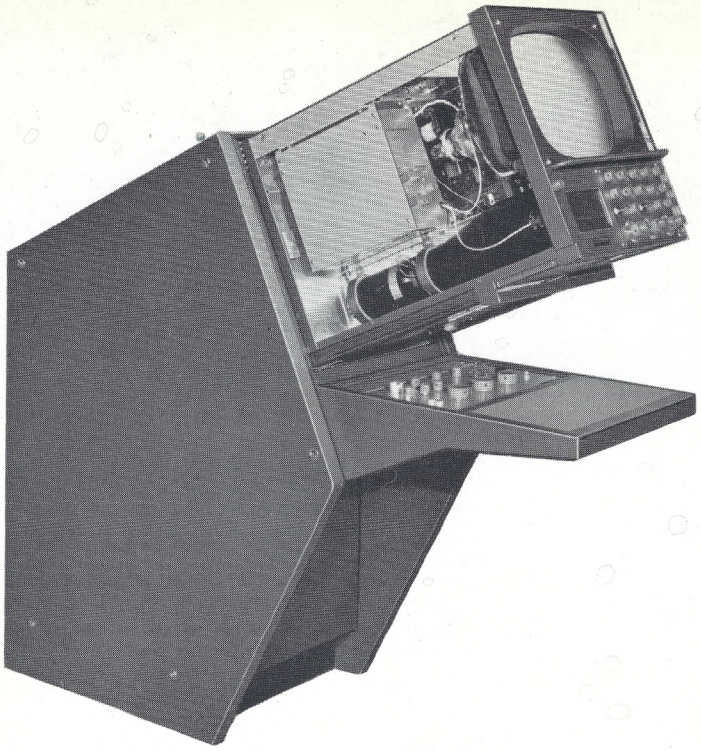
Studio Warning Lights

These lights are available in boxes measuring 394mm (15·5in) × 108mm (4·25in) × 76mm (3in). The boxes are finished in Oyster Hammer and contain a 60W 250V tungsten filament tubular lamp.

The following versions are available :—

Edition	01	ON AIR	Red
	02	REHEARSAL	Green
	03	STANDBY	Green
	04	VIDEO	Red
	05	AUDIO	Red
	06	TRANSMISSION	Red
	07	NO ENTRY	Red

A wall mounting relay box measuring 229mm (9in) × 152mm (6in) × 79mm (3·1in) is also available. This unit provides up to three 2 pole changeover 24V relays. The relay contacts are rated at 5A.



Portable Carrying Case Type B4322

This case has been designed to house the B4306 frame described below and is used where equipment is in mobile service. Two versions are available :

BB01–4322 for 133mm (5·25in) module frames and

BB01–4322–51 for 178mm (7in) frames.

Both cases measure 500mm (19·75in) wide by 438mm (17·22in) deep. Recessed carrying handles are provided and the case construction allows good ventilation.

Modular Equipment Frame Type B4308

This is an open frame designed to fit in a 483mm (19in) rack, intended to support Distribution Amplifiers Type B1337 and B4004. Up to ten units can be accommodated. The units are spaced on 40·7mm (1·6in) centres and are fixed by screws into tapped holes in the frame.

Dimensions 483mm (19in) by 133mm (5·25in).

Studio Console Type B4311

This console fulfils the need for a compact individual housing. When a Picture and Waveform Monitor is fitted, the monitor is supported on a servicing tray and most of its weight is taken by constant-tension ejector springs. The monitor may easily be withdrawn for servicing.

The desk section has a laminated board writing surface. The consoles may be bolted together in groups on plinths which fit side by side to give a uniform height and appearance. The finish is textured acrylic.

Dimensions :

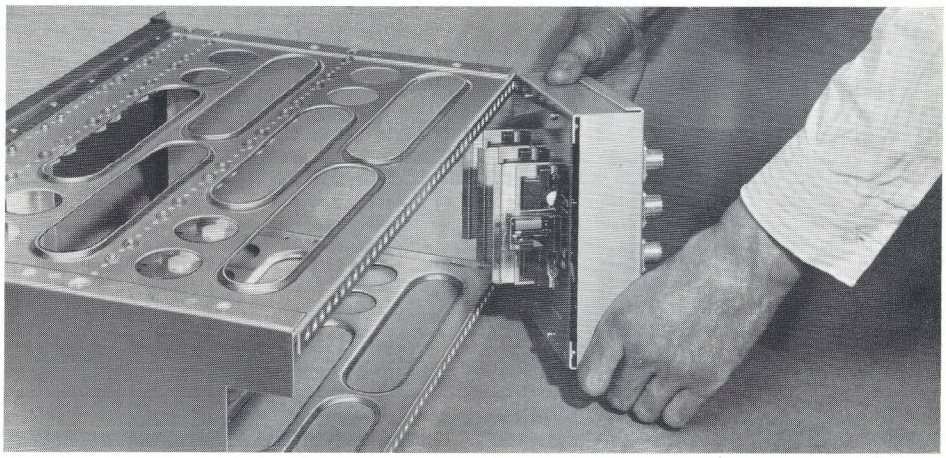
Height	1·35m (4ft 5in) including mounting brackets
Width	407mm (16in)
Depth	1·6m (5ft 3in) including desk

Modular Equipment Frame Type B4306

Designed for 483mm (19in) racks, the B4306 frame is available in 178mm (7in), 153mm (5·25in) and 69mm (3·25in) form offering an extremely flexible method of housing equipment modules. The frames are provided with nylon slide buttons which are set in position to suit the width of the modules. Blank panels are provided when an equipment does not occupy an entire frame and each module is locked in position by a nylon catch.

A back connector which bolts on the rear of the frame, provides input and output connexions as well as module interconnexions. A coding system on the modules prevents incorrect insertion.

Extension boards are available which permit access to modules under operating conditions. Finish is silver and aluminium.



Fitting the back-mounting connector kit to Modular Equipment Frame Type B4306

The information contained herein is subject to confirmation at time of ordering.

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