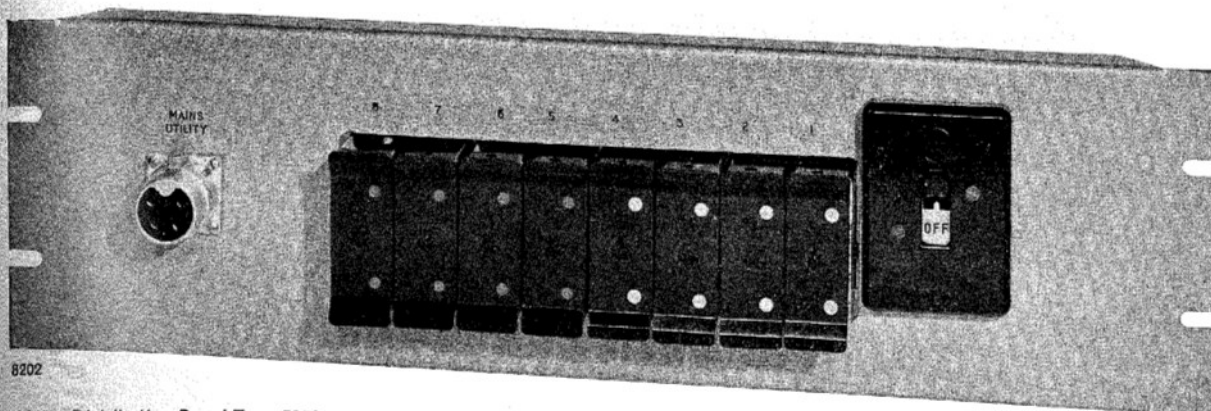


Marconi Television Auxiliary Units



8202
Mains Distribution Panel Type 5350

Coaxial Patching Panel Type B 4350

This unit consists of 56 Musa-type coaxial connectors mounted on a 19 in. (48 cm) panel to facilitate patching between various lines carrying video, synchronizing signals and so on.

Cable Equalizer Unit Type 2634

A loss at high frequency occurs in long runs of coaxial cable and equalization becomes necessary. This is effected by the Type 2634 which is a screened box containing L, C and R components, the values of which may be easily calculated by means of an ABAC, to give a characteristic inverse to that of the cable so providing equalization.

This unit is normally connected to the output of a vision distribution or line clamp amplifier located at the end of the cable run, which amplifier restores the signal level. For special applications equalizing amplifiers with gains of 15 dB or more are available.

Mains Distribution Panel Type 5350

A simple rack-mounting panel for the distribution of mains supplies to units, consisting of 8 fused outlets, a mains isolating switch of 60-amp capacity and a local utility socket (taken via one fuse). Connections are by clamp-screw terminals.

Dimensions:

Type 5350 A (8 × 5-amp) and	
Type 5350 B (8 × 15-amp)	
Height	5½ in. (13.4 cm)
Width	1 ft 7 in. (48.3 cm)
Depth	3 in. (7.6 cm)
Weight	4 lb (1.8 kg)

Test Meter Type B 4105

The test meter consists of a three-inch square-faced moving-coil meter, mounted in a rectangular metal case. It is fitted with a flexible lead terminating in a two-point jack plug. The meter can be conveniently held in the hand. Alternatively, it may be laid down, hung up or fixed to a rack or wall.

The meter movement has a full-scale deflection of 1.5 mA and a total resistance of 40 ohms. Two scales are provided, 0-15 mA and 0-150 mA.

Television studio equipment which is designed to use this meter is provided with built-in shunt and series resistors. The meter can be used with other equipment by the addition of suitable resistors.

Data summary

Scale length: 2½ in. (5.7 cm)

Accuracy: ±2% of full scale.

Meter plug: 2-point jack plug 0.247 in. diameter.

Dimensions:

Length	5½ in.	(14 cm)
Width	3½ in.	(9.6 cm)
Overall depth	2½ in.	(6.4 cm)
Lead length	5 ft 6 in.	(168 cm)
Weight	1½ lb	(0.7 kg)

Finish: Oyster-grey hammer enamel.

Cable Drums

A range of drums is available to suit most types and lengths of camera cable. The drums are of sturdy metal construction, and sizes are manufactured providing minimum cable winding radii appropriate to cable specifications.

THE MARCONI COMPANY LIMITED Broadcasting Division

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Part of the area devoted to testing the Mark VII Camera Chain

Equipment Testing

Each major item of equipment leaving the Marconi factory carries a comprehensive test report, as evidence that the equipment has been carefully and thoroughly tested.

Television studio equipment is now tested in a recently-constructed area, well-appointed and equipped with up-to-date test equipment. The illustration above shows part of this area with a Mark VII colour camera being checked-out in the foreground.

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