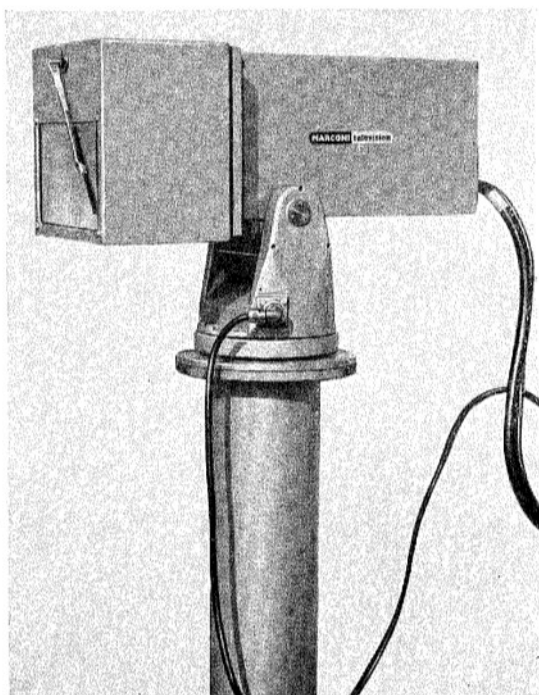


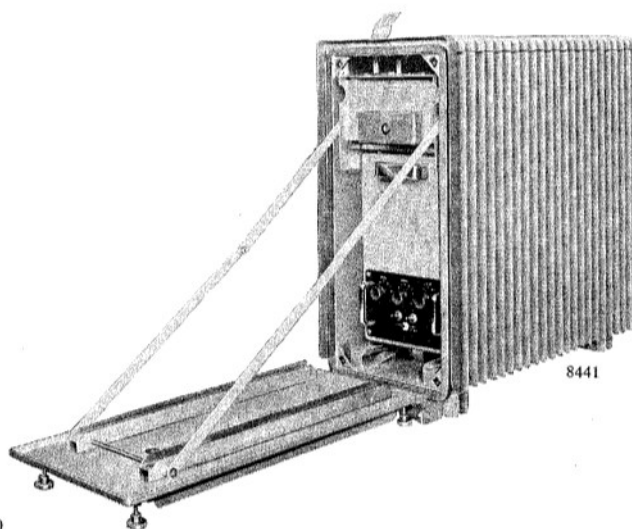


## Dustproof/Weatherproof Housings for Industrial Television Equipment BD 871



*Weatherproof housing for industrial camera fitted to remote pan and tilt unit.*

8440



8441

*Weatherproof housing for camera control unit.*

### CAMERA

The dustproof and weatherproof housing illustrated, accommodates a combined camera, two-lens turret and remote focus attachment. In a standard unit, lenses having a focal length of up to six inches may be fitted to the camera. Longer lenses may be used by employing an extended front piece.

The unit is completely sealed and is intended for operation within an ambient temperature range of  $-20^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ .

For operation at the lower end of this range an internal heater is provided, the dissipation of which may be varied to suit the operating conditions. Thermostatic control and an overheat warning system are provided to protect the camera.

The glass window is kept clear by means of a wiper unit and fogging of the window is prevented by an internal de-mister.

In order to protect the camera from direct sunlight which could cause overheating, a sun shield may be supplied as an optional extra.

As illustrated, the housing may be used in conjunction with a pan and tilt unit.

### CAMERA CONTROL UNIT

This unit comprises a finned case with a hinged front cover.

An axial flow fan is fitted in the roof of the case and provides an internal air circulation to transfer the heat from the control unit to the walls of the case. The case is both dustproof and weatherproof and is therefore suitable for operation under the most rigorous conditions, from a heavy dust laden atmosphere to 100% humidity and driving rain. The sealing is obtained by resilient packing between the joint faces of the hinged cover and by airtight glands at the cable exits.

In the hinged down position the front cover forms a servicing platform onto which the control unit may be withdrawn to obtain access to the preset controls and the connectors.

The unit is designed to work in an am-

bient temperature range of between  $-20^{\circ}\text{C}$  and  $45^{\circ}\text{C}$ , provided a free air circulation exists outside the case.

A temperature operated switch is fitted to provide an overheat warning.

Special watercooled housings are also available when it is necessary to mount the camera in an extremely high ambient temperature, i.e. when a camera is employed for furnace viewing.

### Marconi

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