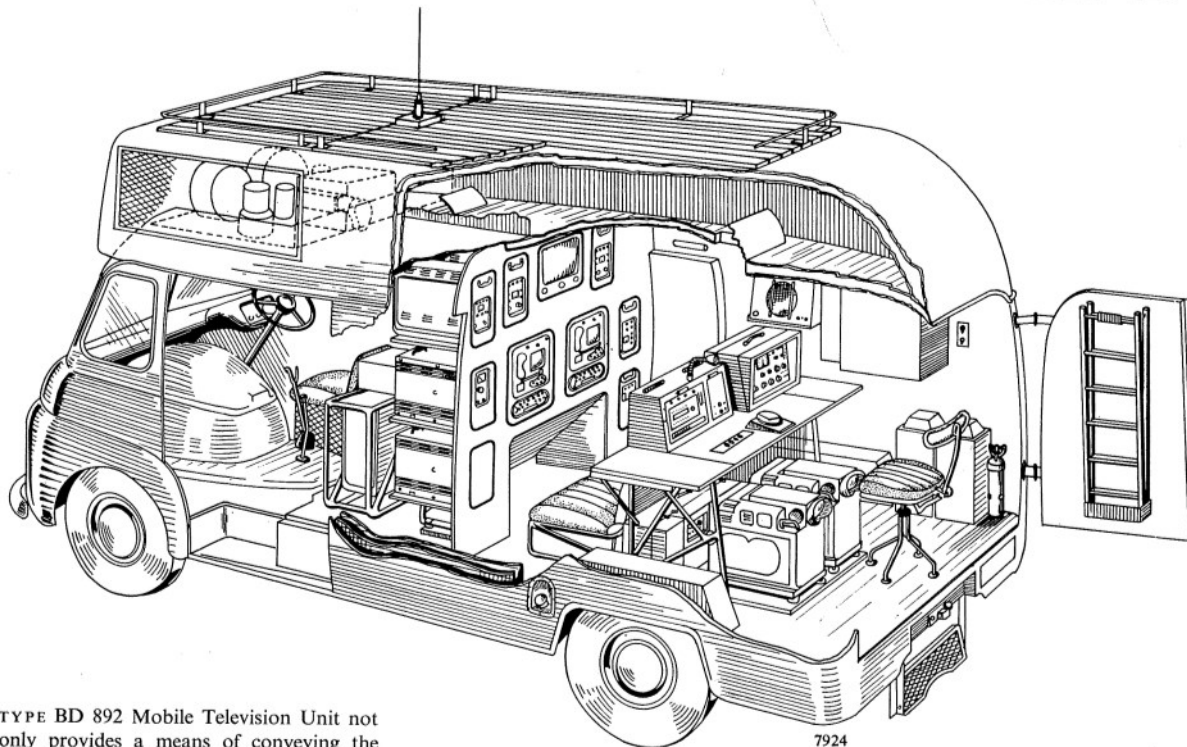




Television Outside Broadcasting Unit (2-camera) Type BD 892



TYPE BD 892 Mobile Television Unit not only provides a means of conveying the camera to the event, but is in itself a complete television control room with full facilities for the artistic production of a programme from a number of camera channels and sending it direct to the broadcasting transmitter.

Two complete camera channels can be housed in the unit. Each camera channel is complete with control, monitoring, synchronizing and talk-back facilities as well as its individual power supplies. The vision outputs of the two camera channels feed into a vision mixer, synchronizing signals are added to the video and the final selected output is fed out of the mobile unit via a line or radio link. Similarly the microphone outputs are amplified and mixed to provide the accompanying sound programme. Full programme monitoring facilities are provided.

The equipment is contained in a standard body, which is mounted on a 30 cwt (1.52 metric tons) 16 ft 10 in. long (5.15 metres approx.) chassis.

The interior of the vehicle is divided into two compartments by a bulkhead. The rear compartment provides accommodation for the production staff and camera control

operators and the front compartment houses equipment racks and servicing facilities.

TYPICAL SCHEDULE OF EQUIPMENT

- 2 Image orthicon cameras
 - 2 Camera control units
 - 2 Picture and waveform monitors
 - 2 Regulated power supply units
 - 1 Focus supply unit*
 - 1 Vision mixer (includes line clamp amplifier)
 - 1 Synchronizing generator.
 - 1 Communication unit
 - 1 14 in. picture monitor
 - 1 Voltage regulator or variac
 - Sound equipment comprising:
 - 1 Audio mixer (with power supply unit)
 - 1 Loudspeaker monitor
 - 2 Omni-directional microphones
 - 1 Commentator's microphone
- A number of optional accessories are available. These include:
- 1 Zoom lens (4 in. to 20 in. or 8 in. to 40 in.)
 - 1 Petrol/electric trailer power unit
 - 1 Commentator's unit
 - 1 Diascope, complete with slides

Data Summary

Standard: 405, 525 or 625-line systems.

Power supplies: DC or AC, 200-240 V, 50 c/s single-phase, 90-120 V 60 c/s single-phase.

Power consumption: 5 kVA (approx.)

Dimensions:

Height	Width	Length	Wheelbase
8 ft 4 in.	6 ft 9 in.	16 ft 10 in.	10 ft 3 in.
(2.54 m)	(2.06 m)	(5.1 m)	(3.13 m)

Weights (approx):

Van without equipment: 2 tons

(2.03 metric tons)

Van fully equipped: 3½ tons

(3.55 metric tons)

* This unit is not supplied if 3 in. image orthicons are supplied.

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