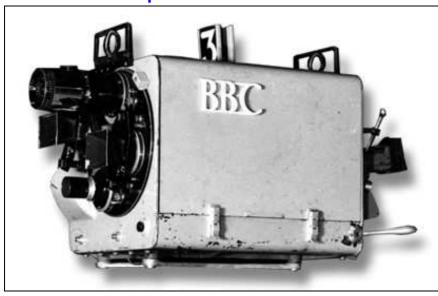
European and American Television Cameras



| Make | Pye |
|---------|-----------------|
| Model | C481L4 (Mk1) |
| Country | UK |

Camera Type :

Studio Monochrome.

Camera Description:

Large camera with a 4 lens turret, removable electronic viewfinder. Interesting "gun sight" carrying handles. Step change in camera width on right side.

Data Data

Tube details Photicon (midget Image Iconoscope) Line standards 405/50 819 lines to order Lens details 4 x turret, with Pye 2 bolt flange Drives or locking Pulses; LD, FD, MS, MB Viewfinder 4 inch Cathodion tube with flat face Colours

and magnifier lens

Dimensions * H x W x L mm.

Camera cable BICC Mk2 in later cameras Date introduced Before Nov. 1948 WW ref.

Associated equipment

CCU (camera control unit) type C2452/6, Camera monitor type C2447 with a 7.5" x 6" screen and a 3" waveform monitor. Power supply unit for the camera, CCU and monitor. These three units had unusual and unique carrying handles. They could be mounted in a purpose designed vertical wheeled trolley.

General description

Large camera with lift up side covers and an unusual viewfinder at the bottom of the rear of the camera. The taking lens was probably the right hand one. Some cameras had a "gun sight" aperture in the handles at the top. The camera had swing out black crackle painted chassis for maintenance, much like the later Pye Mk3. The Photicon unit moves forwards and backwards for focus. Two telescopic arms could be extended from the front of the camera to hold a caption, or test card.

References

WW. Nov 1948 page 412 "demonstrated at Copenhagen exhibition". I suspect that this is earlier that the version supplied to the BBC

Photo Reference

TV Engineering, Amos & Birkinshaw, Iliffe, page195



The camera showing the removable viewfinder

Use of a miniature Image Iconoscope tube (Photicon), in sealed a replaceable housing. It was claimed that the tube unit could be quickly changed by non engineering staff (cameramen). The motorized iris drive to the lenses had an indicator at rear of camera. A telephone style microphone was mounted just below the viewfinder hood for the cameraman's replies. Pye claimed that the Photicon tube gave a "Fine definition and tonal response".

History

Two "pre production cameras were used in the "Pye Humber OB car"

MOLES

WW May 1951 Page ii shows Camera with BICC Mk2 connector. Later versions of this camera used the Pye Pesticon. Total sales believed to be less than 50.

Used By

BBC, MCR3 (1948), Lime Grove studio G (1950)