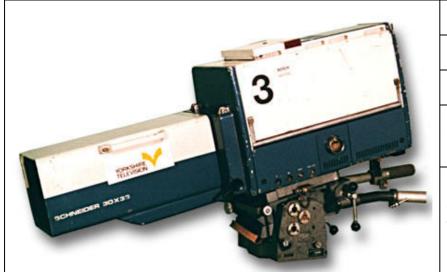
European and American Television Cameras



Make	Bosch
Model	KCU40
Country	Germany

Camera Type : Studio Colour

Camera Description:

Full facilities 3 tube broadcast colour camera, tilting & elevating 7 inch viewfinder.

Data		Data
Tube details	3 x Plumbicons 30mm. (1)	Line standards 625/50 525/60
Lens details	Zoom with quick-change lock. (2)	Colour standards External coder to suit system
Sig. to Noise	45dB	Drives or locking MB & MS
Sensitivity	1500lux f5.6	Weight * 32Kg.
Resolution	100% @5Mhz	Colours Blue/Cream
Viewfinder	7" tilts and rises	Dimensions * 375H x 265W x 540L mm.
Camera cable	TV36 800M (3)	Date introduced Spring 1969
Power supply	220v 50/60hz @ 650VA	

*Excluding Lens

Associated equipment

CCU & PSU 8U high. Large comprehensive set-up control panel with remote OCP. Colour coders, Aperture corrector, Bosch had a full range of associated studio equipment.

<u>Features</u>

Built in diascope, the camera uses white, red and blue tubes for colour analysis. "True separate luminance system with only 3 tubes".

There are two program microphone circuits from the camera head to the CCU. AC power outlet at camera.

General description

A large camera by to-days standards but of modest size at the time. It could take a range of different lenses and had fold down carrying handles on both sides. It used the smaller TV-36 camera cable, noticeably smaller that the G101 cable as used by the EMI 2001 & Marconi MkVII

References

Product brochure. RTS Journal advert Vol.12-7. 1980 Video yearbook.

History

I understand that there were approximately 500 were made.

Notes

The later KCK 40 is an automatic version of the KCU 40.

- (1) P8400HL, P8400B, P8401RF Leddicon tubes.
- (2) The lens was slightly offset to the left as viewed from the front.
- (3) Using an adapter to 3/4" cable 3700ft. is possible.



The Set-up control panel

Used By

YTV and TVE in the UK