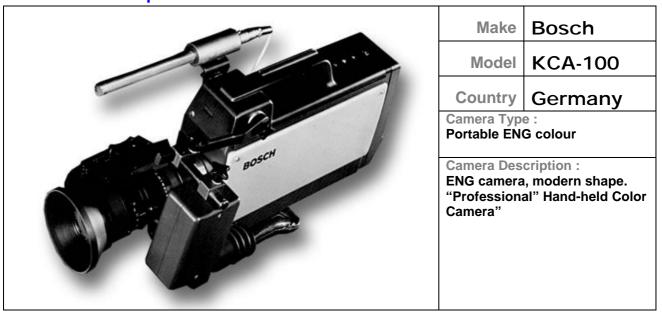
European and American Television Cameras



Data		Data	
Tube details	3 x 18mm. XQ1427 Plumbicons	Line standards	625/50 525/60
Lens details	Zoom	Colour standards	PAL/NTSC/SECAM
Sig. to Noise	51dB (Pal)	Drives or locking	Genlock
Sensitivity	1250 Lux f2.8	Weight *	5.5Kg excluding. lens
Resolution	40% for 5Mhz bars	Colours	Brown/Light Brown
Viewfinder	3.7cm. Magnified viewfinder on arm	Dimensions *	274H x 114W x 375L mm.
Camera cable	Multicore, Triax, fibreoptic, options	Date introduced	before Dec 1979 (2
Power supply	11-15 v. @ 27w. Or Base station		·

^{*}Excluding Lens

Associated equipment

Optional base station. A range of add on rear units to give: ENG, Battery, Genlock, Laser fiber, Multicore cable to base station. Optional 6" studio V/finder.

Features

Auto; black, white, iris, centering. Automatic beam control. Light Bias. Fold down optics for easy service. Alphanumeric information in V/f picture.

General description

Box for picture

References

KCA100 product leaflet. WW. Dec 1979 page 95 (2)

Innovations

Auto focus option using infra red laser.

History

Notes

Price in 1981 was quoted as £18,822 complete

Fibre notes

The fiber add-on adaptors had part numbers of K-102.08.07 and K-110.06.20. The cable had a part number of K-110.07.25 with 6dB/km attenuation. It gives the fiber cable as; 5mm dia. 20Kg/Km, range 4Km, and 50mm min bending radius.. It goes on to describe two FM subcarriers on 11 & 12MHz. that are detected at the receiving end by an avalanche photodiode. Camera status and commands are transmitted in vertical blanking. Two low loss graded index cores are used within a plastic coated camera cable.