


European and American Television Cameras

	Make	Marconi
	Model	Mk9 A&B B3265
	Country	UK
	Camera Type :	
	Studio Colour	
Camera Description : Full facilities studio camera with interesting offset lens and viewfinder making for a very compact camera.		

Data	Data	
Tube details	3 x Plumbicons 30mm.	
Lens details	Zoom, 10:1 to 42:1 Special mount	
Sig. to Noise	49dB Pal, unweighted	
Sensitivity	800Lux at f4	
Resolution	100% at 5Mhz	
Viewfinder	18cm. Tilts	
Camera cable	BICC T1889 to 3000ft.	
Power supply	95-130v & 190-260v 48-60Hz. 350 VA or 24 volts DC	
	Line standards	625/50 525/60
	Colour standards	PAL/NTSC or RGB outputs
	Drives or locking	Colour pulses or Genlock opt.
	Weight *	34Kg.
	Colours	Black & off white
	Dimensions *	408H x 360W x 580L mm.
	Date introduced	1978
		*Excluding Lens & Viewfinder

Associated equipment

CCU, Remote control panel, full range of studio equipment

Features

Auto Black, White, HOP, auto cable length compensation, dynamic gain, two filter wheels, two programme mike circuits. A triax option was offered with a cable length of 1500m. The later B version CCUs had microprocessor registration. About 1981/2??

References

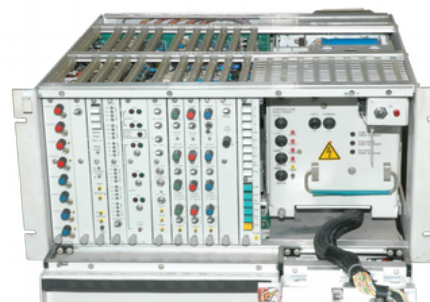
Communications and Broadcasting Volume 4 Nos. 2 and 3 (a Marconi publication). Product catalogue. Advert RTS Journal September 1978. Shown at IBC 1978.

Notes

The MkIX shares the same camera optics and main chassis with MkVIII however there are detail changes in the bodywork. The electronics are almost completely reworked. The CCU of the MkIX is completely different and is much smaller than the MkVIII and can be self-contained when an SPG module is fitted. Alas it is alleged that the aperture correctors were poor and that the PSU module was unreliable. Tom Mayer states in IEE Colloquium that only 100 Mk9's were sold (see footnote). Describing the camera as a "Cut down Version of the MkVIII". "Video" march 1980 reports that Roger Appleton, chief engineer, at LWT says the MkIX is one of the best cameras available today. The 7" viewfinder, B3128, is used on the MkV, MkVI, MkVII, and with some modifications on the MkVIII and MkIX cameras. It has a high brightness of 2150 lumens and can resolve over 600 lines. It has proved to be reliable in service considering they are all 40 years old now. Some of the early CRTs have a defect with the tube faceplate bonding. This leads to spots on between the tube and the front glass and in severe cases making the tube unusable.

Used By

LWT ordered 5 for studio One. Three MkIX and a MkIXP have been ordered by Southern television to be installed in their outside broadcast truck. COFAA in Mexico ordered 6 MkIXB to go with the 3 MkIX that they already have, these will be upgraded to B state. BBC Scotland had 3 MkIX with 15:1 zoom lenses in their studio B, reported in "video" march 1982. Anglia TV. TVS (television south) (footnote) Many more than this were sold, I have camera serial No. 333.



Marconi MkIX CCU.