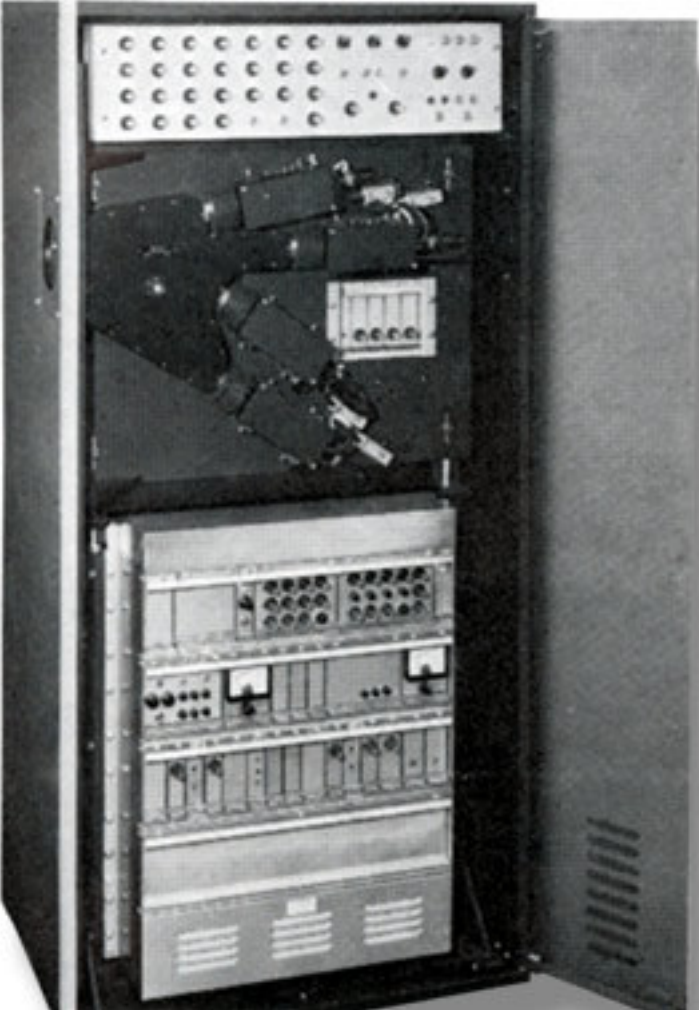


European and American Television Cameras

	Make	Pye TVT
	Model	Mk8 colour Telecine
	Country	UK
	Camera Type : 4 Plumbicon free standing telecine camera.	
	Camera Description : Purpose designed 4 Plumbicon telecine camera based on Pye Mk7/8 components from the "Range 70" system. It was housed in a large free standing cubical with an aperture on the side facing the projector and/or multiplexer. The projector was a Philips EL5100 for 16mm. film and a FP20 for 35mm. film.	

Associated equipment
See Pye Mk7 & Mk8 for details.

Data		Data	
Tube details	4 x Plumbicons 30mm.	Line standards	625/50 525/60
Lens details	Field lens.	Colour standards	R, G, B, & Y outputs
Sig. to Noise	47dB in 5.5Mhz B/W linear channel.	Drives or locking	M. syncs and M. Blanking
Sensitivity		Colours	Black & silver
Resolution	400L @40% modulation uncorrected	Dimensions *	H x W x L mm.
Viewfinder	None	Date introduced	c. 1967/8
Camera cable			
Power supply	In base of cubical.		

Features

A Shutter in the projector light house was used for exposure control, and provision was made for an aperture corrector and "TARIF" control. The video chain uses the pulse injection test signal as used on the other "Range 70" monochrome cameras. It uses a dichroic mirror and prismatic light splitter.

References

"A colour Telecine Camera Using Four Plumbicons Tubes", by M. Cosgrove RTS. Vol. 12 No. 3

History

This, the last of the Pye camera line, was discontinued as Philips preferred the 3 tube LDK65 design.

Used By

Two were supplied to the BBC for the opening of the colour service at Alexandra Palace. Ref. M Cosgrove, RTS Vol. 25/1