

Modulation	Anode voltage (amplitude)
Receiver	Superregenerative. Mounted on R aerial pole.
Quench frequency	500 Kc/s
Power supply	A.L. 220V. 50 c/s.
Power consumption	175 VA.

D.M.G. 4a K

Code name	Michael II D
Purpose	Light directional link and relay duties Site testing. Rack mounted
Capacity	Two channels: I 300-2400 c/s. Telephone or field T/P. II 6000 and 8000 c/s double current
Frequency	500 - 560 Mc/s
Wavelength	60 - 54 cms.
Normal polarisation	Vertical
Range	Optical (50 - 100 kms.)
Antenna system	Horizontal row of 3 full-wave wideband dipoles with reflector, or as for DMG 5 K. Separate aerials for T and R.
Antenna mounting	On mast or tower up to 50 m. high.
Transmitter	Push-pull small triodes, type R.L. 12 T1.
Transmitter power	0.4 watt.
Modulation	Anode voltage (frequency modulation).
Wavemeter	Continuously tuneable cavity resonator.
Receiver	Superhet with auto tuning correction from the discriminator. Push-pull diode mixer, no R.F.
Intermediate frequency	2 Mc/s.
Power supply	AC 220 V. 50 c/s.
Power consumption	250 VA.

DMG 5 K

Code name	Michael II R.
Purpose	Rack mounted light directional link and relay station.
Capacity	Two channels, separately connectable: I 300-5500 c/s 2 or 4 wire telephone or 3 channel T/P II 7400/8000 c/s tone telegraphy