MN6/501 Waveform Monitor

MCR21 uses 6 of these, BBC designed units, one for each camera and one for each preview monitor.

We have 6 of them, all ex studios so they need some restoration and refitting. A seventh un-converted one is also in Brian's collection. The ones originally installed would all have been the valve version, but the 6 most suitable ones we have are solid state.

Mechanical
The studio version was mounted vertically and has “runners” on the bottom of the unit. The OB version was horizontally mounted with runners along one side, now the bottom. Additionally the front panel lettering is now 90degrees out. Examination of photographs show engraved plates over the studio lettering.
All 6 are in good condition and do not need repainting.

Meters
Only 4 of the waveform monitors need Iris meters and we have the meters to refit. However the scale calibration is for the studio use, the OB version Iris range was f2.2 to f22. New scales, or remarked old ones, need to be fitted and the meters and wiring replaced. These meters connect to the camera CCUs. The other two waveform monitors do not need meters and have blanking plates fitted.

Electronics
All 6 waveform monitors are fitted or refitted with solid state amplifiers with a change of code number to MN6/510. I do have the DDTM but this will need scanning in and some work on the circuits which are A2 and A3 size. The circuitry is quite simple, but it is in the nature of the beast, they will all need attention.

Connectors
To preserve the original state, I would like to restore the original EP4 mains connectors and the 2 pin Iris meter connector.

