



# Broadcast Television Technology Trust and the TV Camera Museum



The restoration work is progressing well, but there are a lot of items to be found to preserve originality, can you help?



**Pulse & Bar Generator** **BBC GE4/504** Gresham Lion Electronics Ltd. Dual standard Pulse & Bar Generator. These were commercially available and used by the GPO amongst others.  
**A Valve unit.**



**PL259 SO238 Tee** This vintage tee with the unusual layout is used on the rear of the picture monitors for "loop through" and this offset layout gives a better cable arrangement.



Small chrome plated **cupboard latch**, To Match original fittings, several needed. It is thought that these may have been used on small boats in the 1970s



Possibly have one pending restoration.



Philips **record replay amplifiers** to suit the Philips EL3503 deck. ~ 1963. handbooks and Circuits for amps & deck needed.



Vintage **Papst 5 inch fan** 115v or 230v. These all metal fans were common in the 60's but now are prone to bearing failure & noise. Again looking for correct type for originality. Used a lot and need several



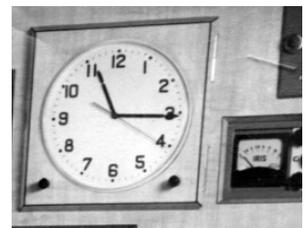
### Oscilloscope tube

As spares for the waveform monitors  
Mullard/Philips type DG16-22 or CV2352  
An unusual rectangular face plate 6x2"

### BBC white units :-

- GE4/508 Pluge generator
  - GE1/508A Sawtooth and lift generator.
  - AM4/507 0dB distribution amplifier
  - AM4/508 6dB distribution amplifier
  - AM18/508 Stabilising amplifier
  - CH1/13E or F Portable case 10-12 slot
- Any units considered for the general collection

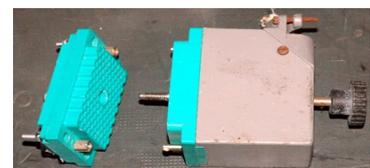
This picture is the original 1963 clock, and it was a mains synchronous one. It is estimated to be 6" dia and would be by a British manufacturer, Smiths, or Westclock. It is set into a wooden frame with bevelled edges, that is not part of the clock. This frame opens, the hinges can just be made out on the right hand edge, to allow for the setting of the time on the rear of the clock motor.



**Pye Monitor type 84 2844** These are the 14" versions. Two more are needed + some for spares in any condition.

### Elcon or Varicon connectors

These go between the camera control unit and the control panel and are the 75 pin size.



### Radio Microphone Receiver

This is the BBC designed RC4-1 receiver. It was not part of the original MCR21 installation, but was retro-fitted soon after MCR21 entered service and would be a suitable substitute for the Eddystones which are quite rare.

## Locks



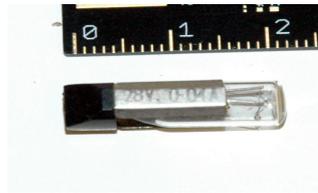
These are the Yale locks that are fitted to the side lockers. Some of the original ones are there but all are in poor corroded condition. Possibly Yale type 229 or M69

## Bulbs



This tiny bulb is used to illuminate the meters on the power distribution panel.

Two are used in series from a 2 volt transformer. (1 volt each!!)

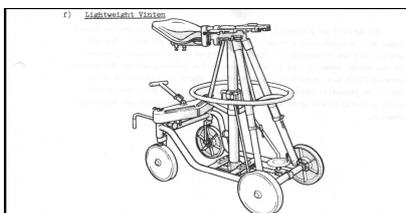


For the BBC Vision mixer, 28V at 40ma.

2 cm. Long same style as the standard GPO type but much shorter!



Standard GPO bulb 24v in the lower current rating 40 ma or 60ma. To save cooking the buttons!

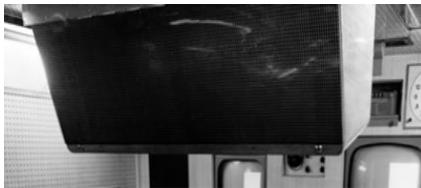


## A Vinten camera Dolly

One thing we have been trying to source is a dolly like the one in the picture. Mainly because it featured in the BBC publicity pictures taken outside Wembley in 1963

## Pye Mk6 camera

However if any small parts can be found that would be most useful. Focus control, Viewfinder hood, Lenses, Cue light, Documentation & Handbooks

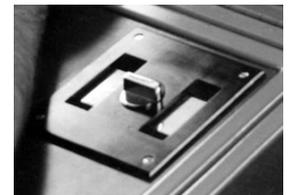


## Loudspeaker

The original was a Pye type 845703, a little larger than the BBC one (LS1/2) that is currently fitted. Pictures of the MCR in service show the Pye LS so it would be nice to find or make it. It is a curious "not square" shape.

## Ashtray

These are the original ash trays. There is some debate as to if they should be reinstalled if we were ever to find them



MCR21 needs a better starting handle. It needs to be a very long one, a reach of 925mm.

## EMI Monitor type TV124

This monitor was used outside and is the correct commentators monitor.

A nasty thing made by EMI to a BBC spec! It was or purported to be waterproof.



- **We have a bit of a space crisis**
- **The camera collection and library continues to grow.**
- **A indoor home for MCR21 to keep the weather off is urgently needed. Not too far from here. Ideally both needs at the same place....**
- **Can you can help**



Explore our YOUTUBE page with this QR code, Please "like" the videos  
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