

# Video Multiplexers



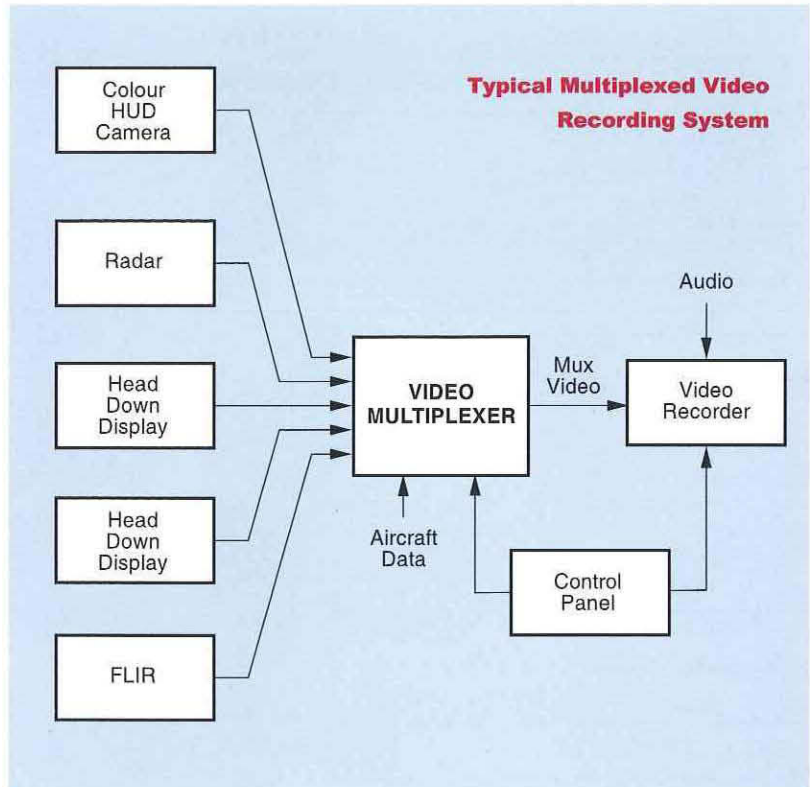
- *Simultaneous recording of up to six video channels*
- *Monochrome or colour video*
- *Variable multiplexing sequences*
- *Avoids multiple tape synchronisation problems*
- *Digital timecode and event data*
- *525 line NTSC or 625 line PAL*
- *Optional cursive/raster scan converter*
- *Various installation options*

**GEC-Marconi**

## Video Multiplexers

GEC-Marconi Avionics produce a range of automatic video multiplexers to enable multi-channel recording on a single video tape. The operational capability of multiplexed video systems far exceeds conventional systems as simultaneous recording of all relevant video information is possible. On replay, the recorded information can be used to re-create the mission and greatly enhance the training or operational benefit from the sortie.

Time division multiplexing is used to rapidly switch between sources on a frame by frame or field by field basis, with no loss of spatial resolution. Up to six channels of monochrome or colour video can be accommodated, with variable update rates selectable during flight. The multiplexing sequences can be automatically adapted to concentrate on particular mission specific video channels.



ARINC Rack Mounted 5 Channel Multiplexer / Control Panel



5 Channel Multiplexer with Optical Radar Scan Converter



2/4 Channel Multiplexer with Digital Scan Converter

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