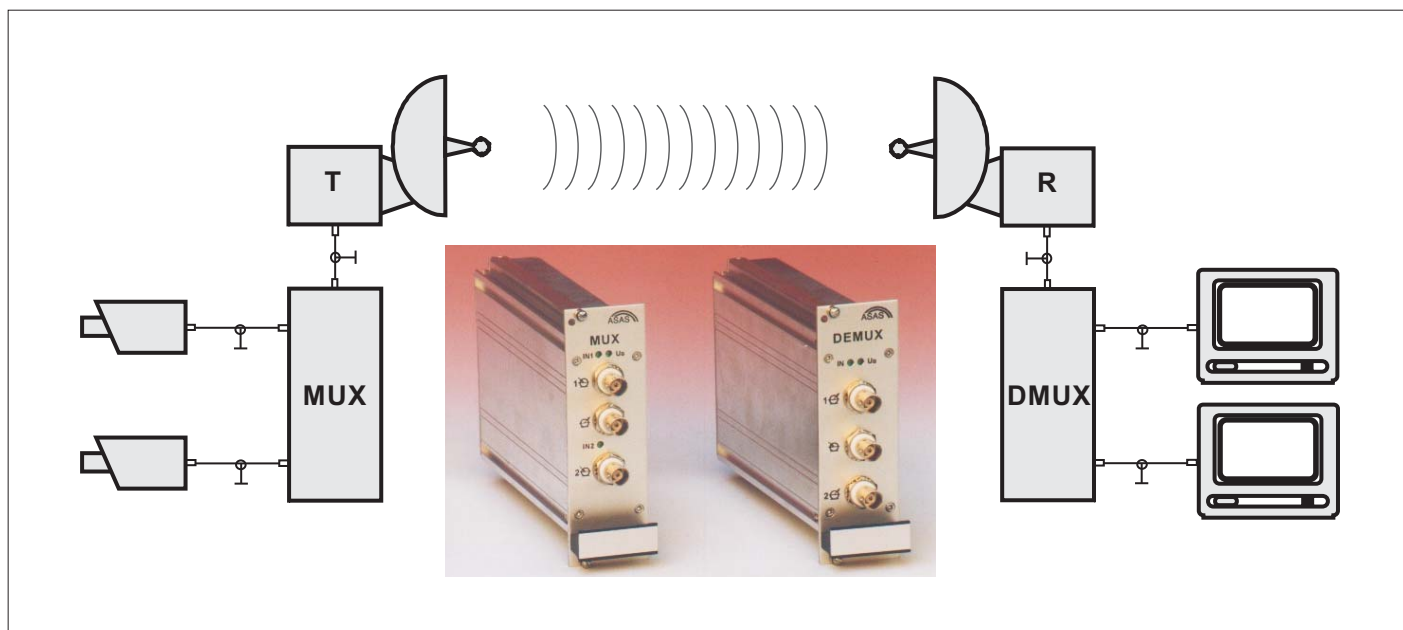


APPLICATIONS AND FEATURES

- Two video signals on one cable or one transmission channel with restricted bandwidth, such as in radio or infrared systems.
- Processes the composite-colour video signals of two unsynchronised video cameras.
- Movements of persons or vehicles are displayed smoothly; i.e. as in real time.



The video multiplexer accepts composite-colour video signals (FBAS) from two unsynchronised video cameras and combines them with a time-multiplex process into a single signal.

The incoming monochrome or colour signals in PAL format are precisely synchronised in an internal timebase corrector with respect to the frame, horizontal and vertical sync pulses.

The output signal from the multiplexer can be handled just like any other video signal.

In other words, it can be connected to the inputs of video distribution systems,

crossbar systems, analogue and digital recording systems or the transmitter input of RF or infrared LED or laser links.

The demultiplexer recovers the two composite-colour camera signals as full frames and makes them available at two separate outputs.

Movements of persons or vehicles are displayed smoothly, as in real time. It is technically impossible for stored pictures to be displayed in the case of a system fault. This complies with the requirements of EBO § 45(7) for use in TV systems for dispatching of trains.

OTHER DATA OF MUX/DEMUX

Case:	19" chassis, 3 units high, 8 units deep, 160 mm long H11 connector on rear
Powersupply:	Input voltage DC 9...30V
Currentconsumption:	MUX/DEMUX 150 mA at input voltage 12VDC
Inputsandoutputs:	MUX - output 1 coaxial; input 2 coaxial (BNC) sockets on front panel DEMUX - output 2 coaxial; input 1 coaxial (BNC) sockets on front panel