



## AVS Audio Video Switch

### MAIN CHARACTERISTICS:

- Change-over for absence of Audio, Video or both
- Manual or automatic change-over
- Alarm mask time user programmable
- Audio input on XLR with impedance selector
- Video on BNC
- Audio and Video monitor on front panel
- Optional internal Audio and Video pattern generator
- Display interface with audio and video meter
- Remote control wired or serial (RS232 or RS485)

The AVS equipment is very useful in any radio or TV station or studio to quickly and automatically replace a base-band Audio and/or Video signal with a secondary source when the Main source is missing. For this purpose the AVS is equipped with two Audio Stereo and Video inputs that acts as Main and Secondary inputs. Furthermore the AVS can be optionally equipped with an internal Audio and Video pattern generator useful if both Main and Secondary inputs fails. The base-band automatic switch-over can be programmed to occur when Video is missing or Audio is missing or both, or can be

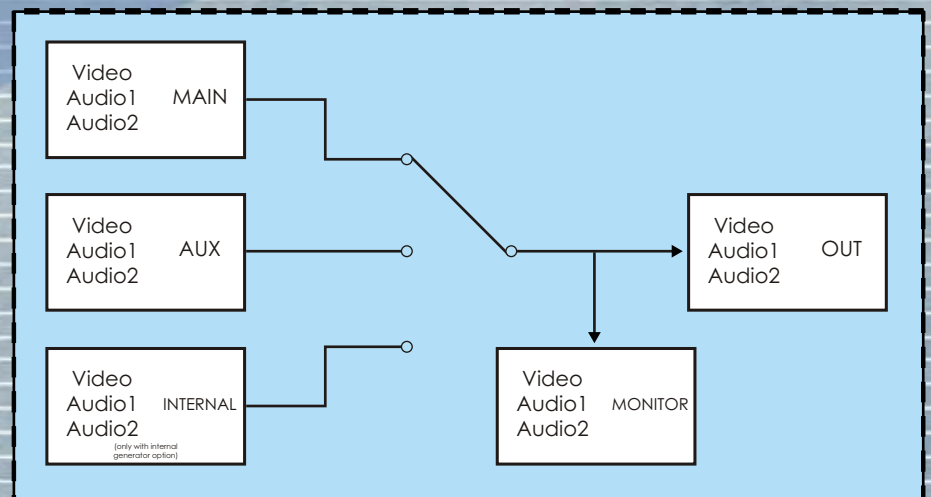
programmed manually to a fixed input. The missing time is user programmable.

The AVS has two independent Video and Audio (one for each channel) detectors. In this way the Main program can be automatically restored when the failure ends. A display on front panel helps the user to program the AVS working modes and to read the Audio and Video input levels. Leds on front panel gives to the operator a quick view of the AVS working mode and status.

The AVS can be controlled by remote by a wired telemetry connector or by serial on front panel RS232 or rear panel Rs485.



▲ Rear panel





## AUDIO VIDEO SWITCH

# Technical characteristics

### VIDEO SECTION

Input Level	1Vpp
Input Impedance	75
Input Connector	BNC Female
Output Connector	BNC Female
Differential Gain	<2%
Differential Phase	<1°

### AUDIO SECTION

Input Level	2Vpp
Input Impedance	600 $\Omega$ or 10k (jumper selectable)
Input Connector	XLR Female
Output Connector	XLR Male
Frequency Response	10 Hz - 15 kHz
Passing Band Ripple	< 0.1 dB
Distorsion	< 0.02%
Noise	< -75 dB

### MONITOR OUTPUT

Video Output Connector	BNC Female on front panel
Audio Output Connector	XLR Male on front panel

### GENERAL

AC Power Supply	80 - 260Vac 50/60Hz
Dimensions	Rack 19" 1U - 44x483x260mm
Weight	3.5kg
Temperature	-5°C to +45°C
Wired Telemeasures	9way SUB MIN, Female
RS232 Port	9-way SUB MIN, TIA/EIA-232-C standard
RS485 Port	9-way SUB MIN, TIA/EIA-485 full duplex(4 wires) standard

*These specifications are subject to change without notice*

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