

# SQ-500

## Aspect Ratio Converter



eyeheight

### Main Features

High quality field based processing.

All common pre-set aspect ratios.

SDI input, SDI and analogue CVBS, RGB, Y/C or YUV outputs.

AES audio and timecode delay included with monitoring analogue audio output.

Flexible picture size and position adjustments with 4 memories.

Built-in H & V aperture corrector (AK)

Line 23 removal

Left and Right variable blanking.

2 channels per 1RU chassis.

2 GPI's

optional mechanical relay bypass.

optional EDH re-insertion.

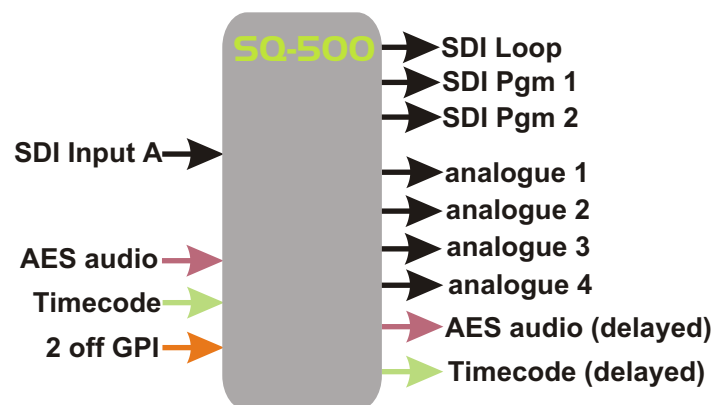
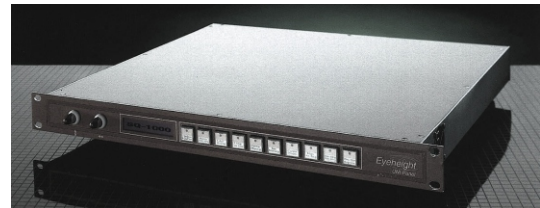
### Description

This unit has been designed as an extremely cost effective, high quality, aspect ratio converter for use in broadcast applications.

All aspect ratios are available, for example:

- Full frame 4:3 to/from anamorphic
- 16:9 letterbox
- 14:9 to/from letterbox
- 15:9 letterbox
- 16:9 to/from letterbox
- 14:9 letterbox
- 16:9 to/from full frame 4:3

### Block Diagram



### Technical Specification

Associated equipment	UB-1000 Uni-Box Chassis. UP-1000 1RU Control Panel
Number of video inputs	1 SDI 270 Mbit/s input. RL < -15 dB.
Input line equalisation	At least 100 metres of PSF 1/3 or equivalent cable.
Number of video outputs	1 Active loop-through. 2 Programme outputs. 4 analog BNC's which can be either 2 CVBS outputs 1 RGBS output 1 YUV output 1 Y/C output
Power requirements	100 to 250 V AC. 50 Watt.