

EVProc Amp

SDI Processing Amp

Full set of controls for adjustment of video gains and levels.

Features:

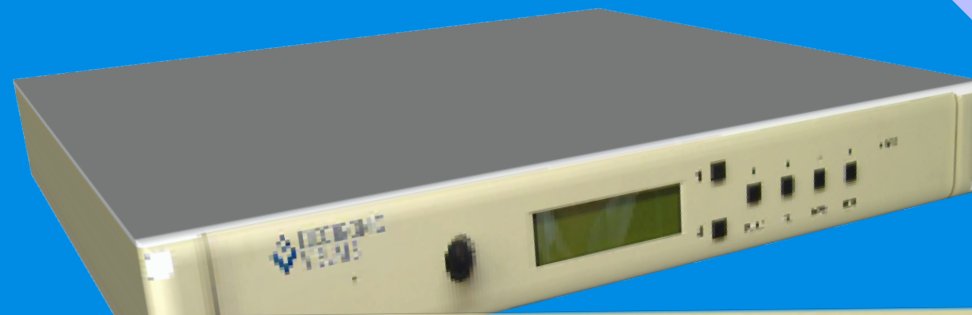
Full control of Digital Video levels

Shows Out of Gamut Pixels

Corrects Out of Gamut Pixels

Split Screen Mode

Front Panel or Remote Control





EVProc Amp Digital Processing Amp

An ideal digital tool box for dealing with problems on incoming video feeds or preventing them on your outgoing tapes or broadcasts.

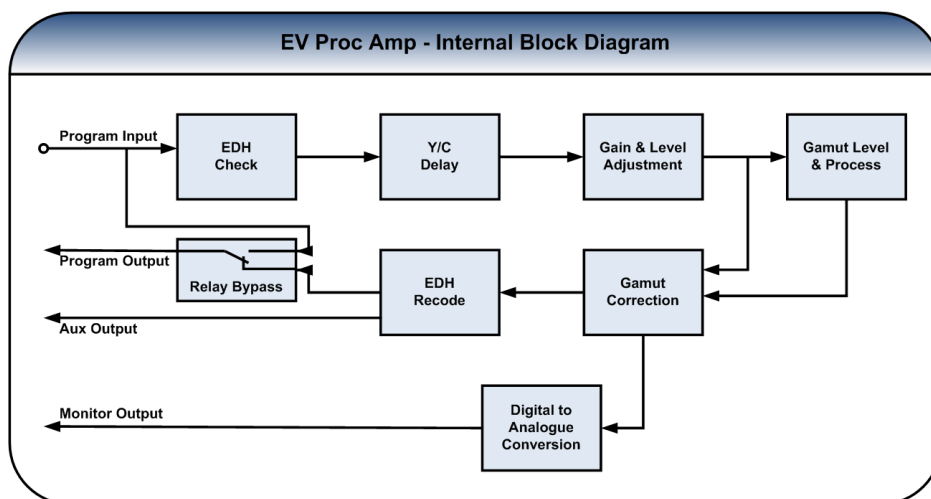
Full adjustment of all the video levels is available:

Controls

Video gain	Chroma gain	Y gain	U gain	V gain
Black Level	Y/C delay	Hue control	U pedestal	V pedestal

Settings

Display illegal	Split Screen	Y/C limit	V blanking	No input detect
Correct illegal	Window select	H cropping	VBI Line blank	EDH Error Count




Technical Specification

Video In/Out	Serial Digital Video (270Mb/s) to SMPTE 259M (EBU Tech 3264E) Active Loop through of input is provided. Power Fail bypass connects Input (SDI in) to the main Program Out. may be manually activated from the rear panel
Monitor Out	Analogue PAL/NTSC output. This can show which areas of the screen contain illegal pixels.
Processing	All video processing is done to 12 bit resolution. No artefacts are introduced by colour space conversion or re-sampling, even when legalising.
Processing Delay 3.7uS	Embedded Audio is passed transparently through the unit, with the same delay as the video. EDH (SMPTE RP165) is checked and recalculated on the output.
Physical	1U rack mounting unit, 240VAC (or 220,110) operation. 60W approx.



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 In line with its policy of continuous development, Electronic Visuals reserve the right to modify specifications without notice.

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