

Sheriff Serial Digital Legaliser

Don't want to be caught producing illegal signals?

Highly saturated colours can cause analogue transmitters — both composite and component — to overload and shut down. Before you break the "Gamut Law," call in the Sheriff. It uses advanced technology to eliminate gamut errors or illegal colours from your signals.

Don't risk being rejected because of illegal colours. Increase your confidence by letting Sheriff do the work for you. Delivering reliable performance at a price you can afford, Sheriff:



FEATURES

- Makes your colours legal without changing the hue
- Ensures your saturation is within legal limits for analogue transmission
- Displays any illegal colours on a pixel by pixel basis
- Has programmable tolerance bands that meet all your requirements
- Provides a menu of different clip and knee characteristics so you can easily limit the YCbCr signals to any desired range
- Includes composite monitoring output - ideal for graphics and QA applications
- Unique "Sparkle" display highlights every illegal pixel
- "Sparkle" display shows how illegal each pixel is
- Has preset and user configurable settings
- Choose legaliser method to suit application (Desat, Clip, Y-Offset)
- Includes safe area generator - all safe title & graphics
- Includes blanking regenerator - fix blanking errors
- Counts both the frequency and severity of your gamut errors

Courtyard

Input of excellence, output of quality

SPECIFICATION

Conforms to relevant EBU, CCIR, SMPTE specifications.

Inputs:

Power: 220 Volts 50Hz
110 Volts 60Hz

Video: Serial Digital

Serial: RS 232

Outputs:

Video: Serial Digital (2)
Composite (1)

Mechanical - Rack Electronics:

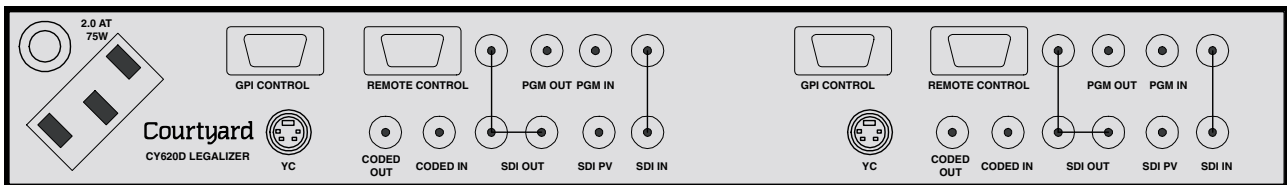
Height: 1U
Depth: 425mm
Weight: 8kg

Ordering Information:

Code	Description
CY620	Sheriff serial digital legaliser
CY620/01	Second channel option
CY620/02	Power fail bypass option
CY620/03	SDI preview option

NB : Each Sheriff is supplied with a handbook.

Courtyard Electronics Limited reserves the right to alter the specification without prior notice.



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