

# DIFFICULT TO CAPTURE?



With Hotronic's Digital Proc Amp,  
In Even The Harshest Environments You'll Walk Away  
Feeling Like The King Of The Jungle.



# SDI PROC AMP

Hotronic's SDI Proc Amp provides excellent video correction in non-ideal camera environments such as field news event recording. It's fully compatible with digital cameras, ensuring correct video levels, color saturation, and hue when editing. The Digital Proc Amp uses an advanced digital processing technique to provide high quality broadcast signals for television broadcast. The easy to use digital video adjustment and LCD display, for monitoring video setting status, makes this product ideal for efficient and cost effective operation. It automatically recognizes and accepts both NTSC and PAL serial video.



## Features

- SMPTE 259 compliant
- Automatic cable equalization
- Simple connections: SDI in  $\rightarrow$  SDI out
- Direct access control buttons for easy access
- Precision preset capable proc amp controls
- Adjustable white, black, and chroma clipping within legal limits
- Proc amp status LCD display for easy monitoring
- Reset function for quick video reference
- Flexible 8-bit or 10-bit compatibility
- Digital Camera compatible
- Performance is unaffected by temperature changes
- Digital potentiometer precision adjustments
- Single +5 volt power supply
- Ancillary data and digital audio are left intact
- Optional vertical interval blanking

## Specifications

Video Resolution	10-bit or 8-bit
Video Input	75 ohm BNC
Video Output (2)	75 ohm BNC
Jitter	Less than 600ps
Video Level	$< \pm 3$ dB
Chroma Level	$< \pm 3$ dB
Set up	$< \pm 15$ IRE
Chroma Phase	$< \pm 15^\circ$
Throughput Delay	$\sim 1.5$ ms

## Physical

Size	9" wide x 3" high x 6" deep Tabletop
Power	Less than 10W
Weight	3 lbs
Ambient Temperature	10° – 40° C Operating

*Specifications subject to change without notice*



Hotronic, Inc. 1875 South Winchester Boulevard, Campbell, California 95008 USA  
Phone 408 378-3883 Fax 408 378-3888 [www.hotronics.com](http://www.hotronics.com)