

# Colorado Video

"Unique Video Instrumentation"

## video inverter 650

### Description

The Model 650 Video Inverter inverts the active-raster portion of a video signal without affecting sync-tip or color burst polarity. This function provides a real-time "negative" video image.

A front panel switch selects between negative and positive output. A brightness control is provided for adjustment of the inverted picture's black levels.

The loop-through input with two connectors allows connection of both a video source and a destination to the input. For instance, a camera can be connected to one of the Model 650's input connectors and a monitor to the other. In this way, the video image can be observed directly as it comes from the camera via the loop-through input, while the negative image is present at the Model 650's output.

Power input requirement is 9 VAC at about 150 mA. An AC adapter is included. The adapter is UL listed for safety and isolates the Model 650 from ground in order to avoid interference inducing ground-loops.

The Model 650 can be used to view photographic negatives before printing. For color negatives, the video camera needs to be white-balanced to offset the orange appearance of the film.

### Specifications

Video Input & Output:	NTSC or RS-170, 1 Vp-p, 75
Controls:	+/-: sets video output to positive or negative Brightness: sets black-level of negative output
Power Req:	9 VAC, <200 mA, 120 VAC Adapter (UL Listed) included
Op. Temp:	Dew point to 100°F
Indicators:	Power LED
Dimensions:	6.9"W x 4.9"D x 2.4"H sloping to 1.4"H
Connectors:	Video Input and Output: BNC Power: 3.5mm mini-jack



Model 650



Inverted  
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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