

# Specifications — SS 200 Sync Stabilizer

## Video

|                 |                 |
|-----------------|-----------------|
| Gain .....      | Unity           |
| Bandwidth ..... | 300 MHz (-3 dB) |

## Video input

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| Number/signal type .....         | 1 RGBHV, RGBS, RGsB                                    |
| Connectors .....                 | 5 BNC female                                           |
| Nominal level .....              | 0.7 Vp-p for RGB                                       |
| Minimum/maximum levels .....     | Analog: 0.4 V to 1.8 Vp-p with no offset at unity gain |
| Impedance .....                  | 75 ohms                                                |
| Horizontal frequency .....       | 30 kHz to 145 kHz                                      |
| Vertical frequency .....         | 30 Hz to 170 Hz                                        |
| DC offset (max. allowable) ..... | 1.0 V                                                  |

## Video output

|                              |                                    |
|------------------------------|------------------------------------|
| Number/signal type .....     | 1 RGBHV, RGBS                      |
| Connectors .....             | 5 BNC female, (1) 15-pin HD female |
| Nominal level .....          | 0.7 Vp-p for RGB                   |
| Minimum/maximum levels ..... | Analog: 0.5 V to 1.8 Vp-p          |
| Impedance .....              | 75 ohms                            |

## Sync

|                               |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| Input type .....              | RGBHV, RGBS, RGsB                                                                  |
| Output type .....             | RGBHV, RGBS                                                                        |
| Input level .....             | TTL: 5 Vp-p                                                                        |
| Output level .....            | TTL: 5 Vp-p, unterminated                                                          |
| Input impedance .....         | 75 ohms or 510 ohms, selectable                                                    |
| Output impedance .....        | 75 ohms                                                                            |
| Min./max. input voltage ..... | 2 V to 5 Vp-p                                                                      |
| Polarity .....                | Positive or negative (follows input), or force to negative out (switch-selectable) |

## General

|                                |                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| External power supply .....    | 100 VAC to 240 VAC, 50/60 Hz, external, autoswitchable; to 12 VDC, 0.5 A, regulated                                                        |
| Power input requirements ..... | 12 VDC, 0.2 A                                                                                                                              |
| Temperature/humidity .....     | Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing<br>Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing |
| Rack mount .....               | No, but furniture mountable with included or optional brackets                                                                             |
| Enclosure type .....           | Metal                                                                                                                                      |
| Enclosure dimensions .....     | 1.3" H x 5.7" W x 4.5" D<br>3.3 cm H x 14.5 cm W x 11.4 cm D                                                                               |
| Product weight .....           | 1.1 lbs (0.5 kg)                                                                                                                           |
| Shipping weight .....          | 3 lbs (2 kg)                                                                                                                               |
| Vibration .....                | ISTA 1A in carton (International Safe Transit Association)                                                                                 |
| Listings .....                 | UL, CUL                                                                                                                                    |
| Compliances .....              | CE, FCC Class A                                                                                                                            |
| Warranty .....                 | 3 years parts and labor                                                                                                                    |

**NOTE** All nominal levels are at  $\pm 10\%$ .

**NOTE** Specifications are subject to change without notice.

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