

SS 200

Sync Stabilizer with ADSP™



FEATURES

- Input: Female BNCs for RGBHV, RGBS, RsGsBs, or RGsB
- Dual output: Female 15-pin HD and female BNCs for RGBS or RGBHV
- 300 MHz (-3 dB) RGB video bandwidth
- Compatible with any analog RGB signal with horizontal frequency between 30-145 kHz and vertical frequency between 30-170 Hz
- ADSP™ - Advanced Digital Sync Processing
- Strips sync on green
- Horizontal shift control
- DIP switches for horizontal shift, restoration or removal of serration pulses, and input termination
- Detachable bracket included for mounting near a projector
- Optional under-desk and through-desk mounting kits available
- External international power supply included, part # 70-055-03

DESCRIPTION

The Extron **SS 200** is a 300 MHz (-3 dB) Sync Stabilizer that accepts RGsB, RGBS, or RGBHV and outputs digitally restored RGBHV or RGBS. It outputs simultaneously on a set of five BNC connectors and a female 15-pin HD connector so the user can send output to the projector no matter what type of input connector the projector uses. Digital displays — such as LCD, DLP™, and D-ILA®/LCoS — often have trouble with sync signals that have been altered through previous processing. The SS 200 uses Extron's ADSP™ - Advanced Digital Sync Processing to re-establish the proper timing relationship between the video signal and the sync signal, so that problems are prevented. Other applications include converting RGsB or RGBS to RGBHV, since many digital displays require an RGBHV input.

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 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 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
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE: All nominal levels are at ±10%. Specifications are subject to change without notice.

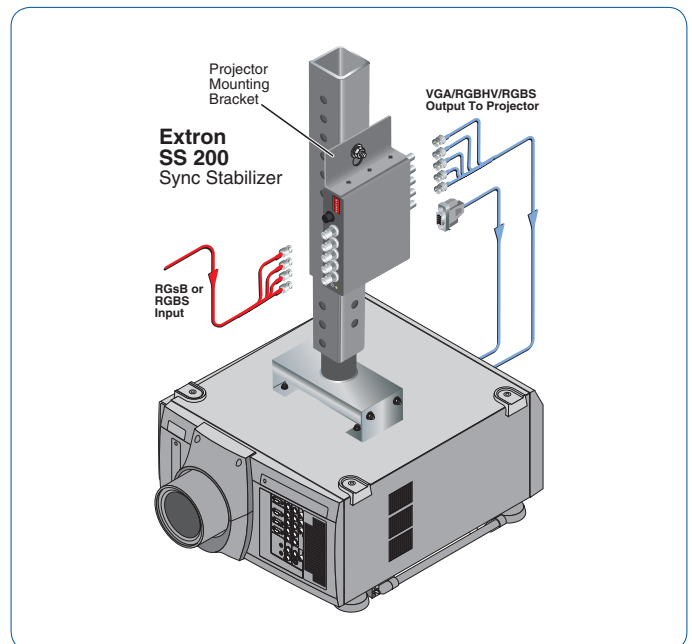
SPECIFICATIONS

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



MODEL

SS 200	Sync Stabilizer with ADSP	60-285-01
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OPTIONAL ACCESSORIES

MBU 125	1U, 1/2 & 1/4 Rack Width, Under-Desk Mount Kit for Two-Piece Enclosure	page 756	70-077-01
MBD 129	1U, 1/2 & 1/4 Rack Width Through-Desk Mount Kit for Two-Piece Enclosure	page 757	70-077-02

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