

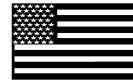
SG-2, SG-4,
SG-5

Black Burst Generators

Manual Version 2.01

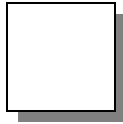


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Black Burst Generators

Introduction

Burst Electronics manufactures a series of NTSC (and PAL) Black Burst, Sync and Tone generators. Models are available that range from single output Black Burst (SG-2) up to five output Black Burst (SG-5).

<u>Unit</u>	<u>Outputs</u>	<u>Options</u>
SG-2	1 Video	Y/C, PAL
SG-4	4 Video, 1 Tone	Y/C, PAL
SG-5	5 Video	Y/C, PAL, Tone

Single Output Black Burst Generator

The SG-2 Black Burst Generator is a single output unit. The output, which contains composite sync, color burst and 7.5 IRE setup (0 IRE in PAL) is a standard 1 Volt video signal. The SG-2 is used to drive Genlock inputs, laydown “black” on tape, or feed a video DA to distribute house black.



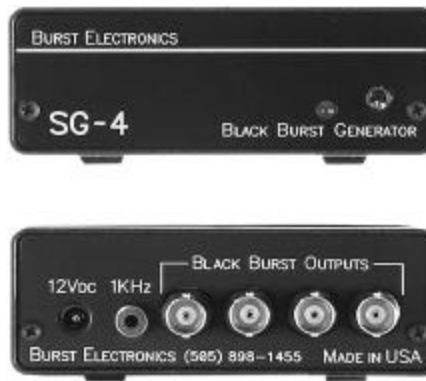
Options available: Y/C (S-VHS/Hi8), PAL

Multi-Output B/B & 4V Sync Generator

The SG-4 Black Burst Generator has 4 stable black burst outputs suitable to drive Genlock inputs of the equipment in an edit suite.

There is also a 1 kHz tone output.

Each output is jumper selectable as either black burst or 4 Volt Sync.



The SG-5 Black Burst Generator has 5 black burst outputs. 1 kHz tone is an optional addition.

The SG-4 and SG-5 can be rack mounted into any of the following rack mounts; RM-4, RM-334, or RM-344



Options available: Y/C (S-VHS/Hi8), PAL,
1 kHz Tone, Rack Mount

Specifications

Output:	1 Volt standard video NTSC (PAL)
Output Impedance:	75 Ohms 1%
Sync Tip:	-40 IRE
Burst:	± 20 IRE, 3.579545 MHz (PAL: 4.433619 MHz)
Setup:	7.5 IRE NTSC (0 IRE PAL)
Video Connector:	BNC (Y/C: 4 pin MiniDIN)
Audio Connector:	RCA (1 kHz, 0 dBm, 1% THD)
Output Protection:	Open or Short, infinite duration
Power Supply:	120 VAC 60 Hz, 3 Watts UL listed Wall Module (included)
DC Powered:	11 to 18 Vdc
Warranty:	One Year Parts & Labor