

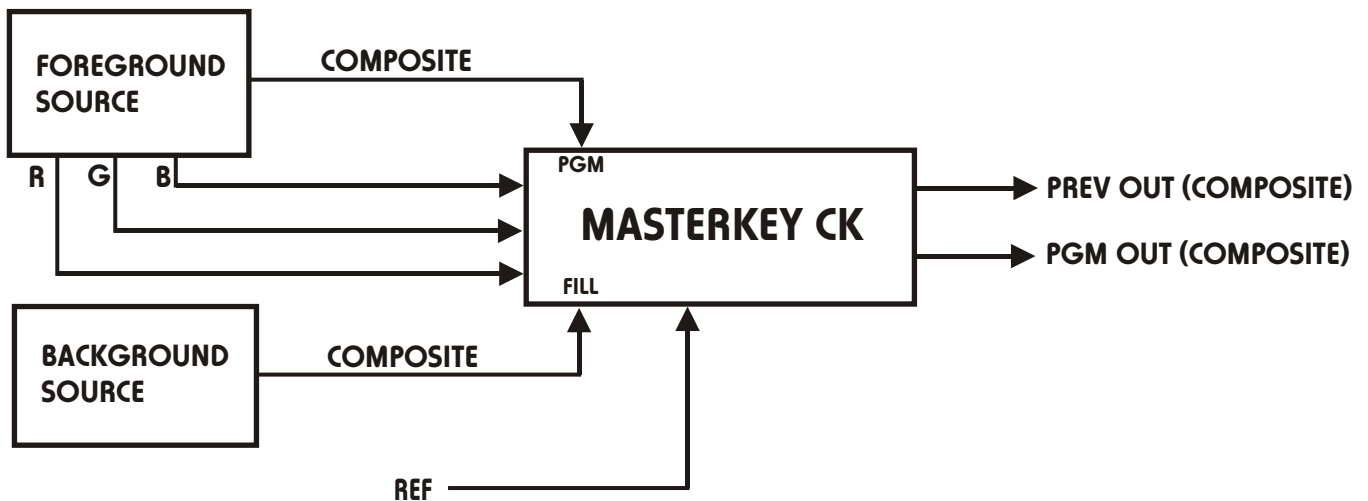


MASTERKEY™ CK RGB CHROMA KEYER



When your production requires a clean, life-like chroma key, the Masterkey CK is the perfect choice. The chroma keyer is housed in a 1RU chassis, and is equipped with a remote panel with controls for key gain and slope, fade to black, and mix to key faders. A hue control, for selection of keying color, is located behind the front cover of the main chassis. Full preview output is provided.

A lower cost Masterkey CK-1 is also available. This model has the same keying features of the above unit, but does not have remote control, preview out, or fade to black.



**BACKGROUND AND FOREGROUND SOURCES
MUST BE SYNCHRONOUS AND COLOR TIMED.**

MASTERKEY is a registered trademark of Broadcast Video Systems Corp.

broadcast video systems corp.

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MASTERKEY CK SPECIFICATIONS

Video Inputs

Chroma Key (RGB).....	700 mV comp or non-comp, looping
Reference.....	Sync 2-4 Vp-p or comp video 1 Vp-p, looping
Foreground.....	1 Vp-p, 75 ohm terminating
Background.....	0.7 Vp-p non-comp or 1 Vp-p comp, 75 ohm terminating

Video Outputs

Program (2).....	1 Vp-p into 75 ohms
Preview.....	1 Vp-p into 75 ohms

Video Performance

Frequency response.....	<+/- 0.15 dB to 5.5 MHz
Differential phase.....	<1 degree (10-90% APL)
Differential gain.....	<1% (10-90% APL)
Tilt (H&V).....	<1%
Crosstalk.....	>56 dB at 3.58 MHz
S/N.....	>60 dB
Input return loss.....	>40 dB
Path length (keyer).....	150 ns
Path length (key processor)...	26 ns

Available in NTSC or PAL

Electrical

Main chassis.....	120/240 VAC, 50/60 Hz, 20 VA
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Mechanical

Main chassis.....	19" x 12" x 1.75"
Remote panel.....	4.5" x 4.5" x 1" deep

Remote
Panel

