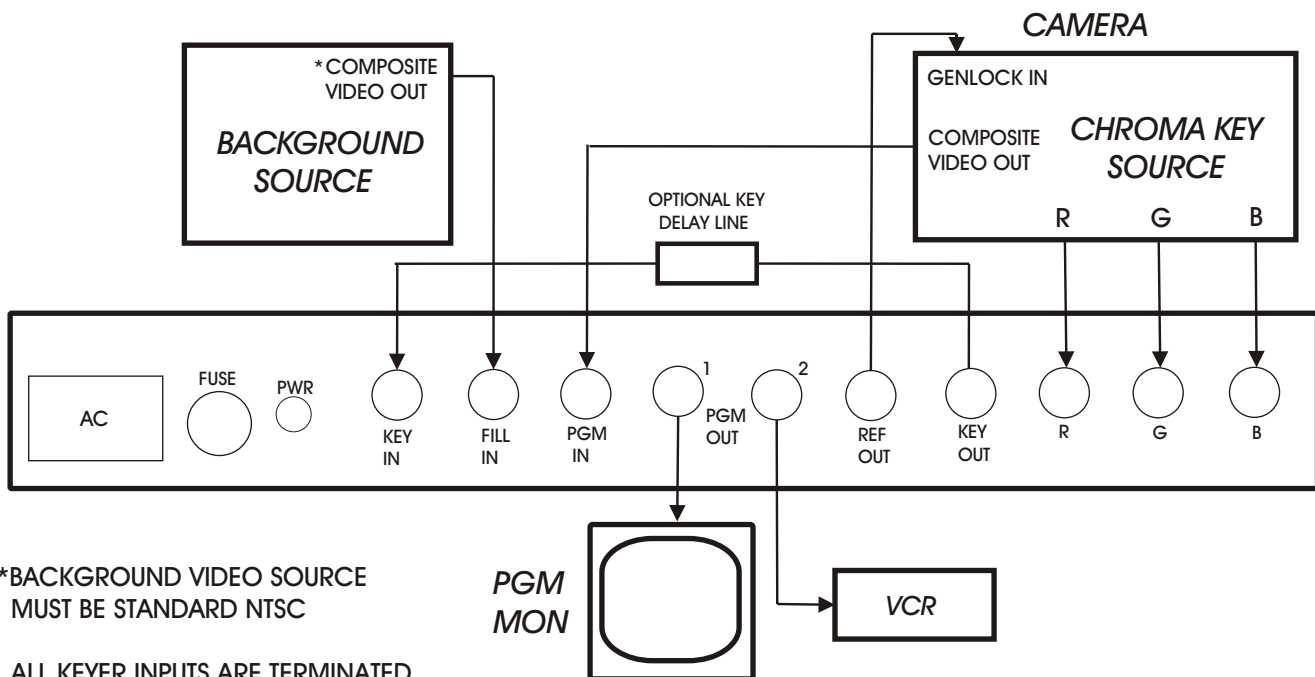




MASTERKEY™ CK-1 RGB CHROMA KEYSER



The Masterkey CK-1 is the ideal unit for small productions, where clean, life-like chroma keying is required. Housed in a one rack unit chassis, the economical CK-1 is well suited for installations involving non-technical personnel. The three operational controls are located behind the front panel, which enables the keyer adjustments to be optimized at installation. This "set and forget" design makes the CK-1 perfect for unattended or semi-automated operation in arcades and virtual entertainment establishments.



*BACKGROUND VIDEO SOURCE
MUST BE STANDARD NTSC

ALL KEYSER INPUTS ARE TERMINATED
INTERNALLY

MASTERKEY is a registered trademark
of Broadcast Video Systems Corp.

broadcast video systems corp.

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MASTERKEY CK-1 SPECIFICATIONS

Video Inputs

Foreground (PGM)..... 1 Vp-p, 75 ohm terminating
Background (FILL)..... 1 Vp-p, 75 ohm terminating
RGB from Foreground source..700 mV comp or non-comp,
75 ohm terminating

Video Outputs

Program (2)..... 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)..... 95 ns
Path length (key processor)... 26 ns
Available in NTSC or PAL

Electrical

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

Mechanical

Main chassis..... 19" x 12" x 1.75"

Operational Controls

~Hue: selects chroma key background color
~Slope and Gain: controls the degree of transparency of foreground
versus background