



# CARDKEY PLUG-IN LINEAR VIDEO KEYER

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The Cardkey plug-in linear video keyer, is a low cost version of our successful *MASTERKEY* linear keyers. This PC board version plugs directly into a Leitch Video DA frame. Up to three Cardkeys may be rack-mounted in the BVS FR710, 1RU frame and power supply. For desk-top use, a single Cardkey may be housed in the BVS FR3 half-rack width frame and power supply. Cardkey is the ideal solution for low cost, fully linear keying of logos and EAS message inserts.

## Features:

- ~Seamless inlays of graphics, DVE's, CG's
- ~Remote mix to key via pushbutton or GPI
- ~Mix rate user adjustable from cut to 5 sec.
- ~Remote tally
- ~Self key or external key
- ~Card edge controls to adjust key transparency
- ~May be used as an A/B mix amp
- ~Upstream, downstream or stand alone
- ~May be cascaded for multi layer keys
- ~Available in NTSC and PAL standards

**broadcast video systems corp.**

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# CARDKEY SPECIFICATIONS

## Video Inputs

Program.....	1Vp-p looping
Key.....	1Vp-p looping
Fill.....	1Vp-p, 75 ohm terminating
Input Return Loss.....	>40 dB @ 4.2 MHz

## Video Outputs

Program (two).....	1Vp-p into 75 ohms
Output return loss.....	>30 dB @ 4.2 MHz
Output isolation.....	>35 dB
Frequency response.....	+/- 0.2 dB to 5.5 MHz +/- 0.5 dB to 8 MHz
Diff. phase.....	<1 degree, 10-90% APL
Diff. gain.....	<0.5%, 10-90% APL
Line tilt.....	<0.5%
Field tilt.....	<1%
Crosstalk.....	>55 dB
RMS Noise.....	<5 mV
Insertion Delay.....	95 ns

## Electrical

Plug-in PC board.....	+ and - 15 VDC unregulated, 180 mA
FR710, 1RU frame & power supply.....	120/230 V, 50/60 Hz, 10 VA