

KEY200

Down Stream Keyer / Mixer

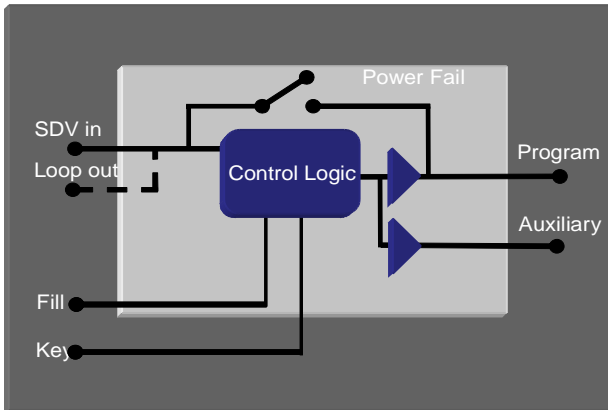
INSERTERS

SWITCHES

CONVERSION

KEYERS

MIXERS



Full 10 bit digital keying

A-B mix and cut

Fade to black operation

Power-fail bypass

Simple GPI control

The KEY200 module can be used for keying graphics onto serial digital video, with control over cuts and fades. Internal processing is done to 12 bit resolution ensuring the highest quality of picture. It's compact size allows multiple modules in a 1U frame, making it ideal for multi-level keying applications. It can also operate as a simple A-B mixer allowing cuts and fades between two sources. The KEY200 is transparent to embedded audio and VBI signals. It is part of our Series 200 interface range, enabling the keyer to be mixed with other cards, such as the AMX202 digital audio mixer, giving greater flexibility.

- Inputs:** 3 x SDV in (Program, Key, and Foreground/Fill)
Serial Digital Video (270Mb/s) to EBU Tech. 3267-E (SMPTE259M)
- Outputs:** Program (PGM) out. (Power bypass relay connects SDV in to PGM out)
Second output is set by link to be loop of input (LOOP) or another program out (AUX)
Serial Digital Video (270Mb/s) to EBU Tech. 3267-E (SMPTE259M)
- Control:** Dip switch allows setting of: Mix / Key mode; bypass (takes graphic off air); set output to black; set foreground to black (enables Fade to Black)
Links on the module allow: Manual / Auto standard detect; manual setting to 525 / 625
GPI control allows external fade up/down, with tally output.
RS232/422 control is optional (requires CPU card, contact Microvideo for details).
- Physical:** Eurocard size module for mounting in our 1U or 3U frames.
- Power usage:** 5W.
- Frames:** Up to 6 modules will fit in a Microvideo 1U frame and 14 in a 3U frame.
- Ordering:**
- | | |
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| KEY200 | Down stream keyer/mixer |
| FR1U-20 | 1U rack mounting frame for series 200 cards (dual PSU) |
| FR3U-10 | 3U rack mounting frame for series 200 cards (single PSU) |
| FR3U-20 | 3U rack mounting frame for series 200 cards (dual PSU) |
| -CB | Control Bus wiring for 3U frame |

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