

Which keyer do you need?

	Safire 3	Safire 3 Xpress	LKEY 3	LKEY-SQZ	MultiLogo V132	MultiLogo V132 8G	MultiLogo V432	MultiLogo V432 8G
Main use	Chroma keyer	Chroma keyer	Linear keyer	Squeeze back keyer or picture-in-picture effects device	Logo keyer with internal storage for 250 graphics	Logo keyer with internal storage for 500 graphics	Logo keyer with internal storage for 250 graphics	Logo keyer with internal storage for 500 graphics
Input formats (50Hz and 59.94Hz where unspecified)	1080p23.98/24/25/29.97/30/50/59.94/60, 1080PsF23.98/24/25/29.97/30, 720p50/59.94/60, 1080i50/59.94/60, 2048x1080PsF/p23.98/24/25/29.97/30 (4:2:2 10 bit), 625i, 525i	1080p23.98/24/25/29.97/30/50/59.94/60, 1080PsF23.98/24/25/29.97/30, 720p50/59.94/60, 1080i50/59.94/60, 2048x1080PsF/p23.98/24/25/29.97/30 (4:2:2 10 bit), 625i, 525i	1080p23.98/24/25/29.97/30/50/59.94/60, 1080PsF23.98/24/25/29.97/30, 720p50/59.94/60, 1080i50/59.94/60, 2048x1080PsF/p23.98/24/25/29.97/30 (4:2:2 10 bit), 625i, 525i	1080p23.98/24/25/29.97/30/50/59.94/60, 1080PsF23.98/24/25/29.97/30, 720p50/59.94/60, 1080i50/59.94/60, 2048x1080PsF/p23.98/24/25/29.97/30 (4:2:2 10 bit), 625i, 525i	720p, 1080i, 625i, 525i	720p, 1080i, 625i, 525i	720p, 1080i, 625i, 525i	720p, 1080i, 625i, 525i
Number of video inputs	3 (Foreground, Background, External Key)	3 (Foreground, Background, External Key)	3 (Foreground, Background, External Key)	3 (Video A, Squeeze Video, Key/Video B)	1	1	4	4
Number of video outputs	1 main and 1 auxiliary	1 main and 1 auxiliary	1 main and 1 auxiliary	1 main and 1 auxiliary	Program and Preview	Program and Preview	Program and Preview	Program and Preview
Chroma key (real-time)	●	●						
Linear or self key internally-stored graphics over source					●	●	●	●
Linear or self key graphics from external graphics machine	●	●	●	●			●	●
DRAM internal graphics storage, backed up to Flash					4 GB	8 GB	4 GB	8 GB
Number of keyers	2 (chroma and linear/self)	2 (chroma and linear/self)	1	1	3	3	3	3
Mix between sources	●	●	●		●	●	●	●
Simple DVE with horizontal and vertical picture resizing and repositioning				●				
Internal simple wipes	Masks can be used to provide simple manual wipe	Masks can be used to provide simple manual wipe	Masks can be used to provide simple manual wipe					
Fades	●	●	●	●	●	●	●	●
Masks	●	●	●	●	●	●	●	●
Foreground colour correction (RGB lift and gain)	●							
Record sections of live feeds, with trimming					●	●	●	●
Generate simple text					●	●	●	●
Look-ahead preview					●	●	●	●
Reference timing	From Foreground, Background or Key input or from SD Black and Burst or HD tri-level syncs, with frame synchroniser on each input	From Foreground, Background or Key input or from SD Black and Burst or HD tri-level syncs, with frame synchroniser on each input	From Foreground, Background or Key input or from SD Black and Burst or HD tri-level syncs, with frame synchroniser on each input	From Video A, Squeeze Video or Key/Video B input or from SD Black and Burst or HD tri-level syncs, with line synchroniser on each input	From input 1 or from SD Black and Burst or HD tri-level syncs, with 1 line TBC	From input 1 or from SD Black and Burst or HD tri-level syncs, with 1 line TBC	From input 1 or from SD Black and Burst or HD tri-level syncs, with 1 line TBC	From input 1 or from SD Black and Burst or HD tri-level syncs, with 1 line TBC
Video delay (on each input)	Up to 10 frames additional user delay in one frame steps		Up to 10 frames additional user delay in one frame steps					
Relay bypass protection	●	●	●	●	●	●	●	●
Output embedded audio	From any chosen input	From any chosen input	From any chosen input	From any chosen input	From video input or audio store	From video input or audio store	From selected video input (1 to 4), Program/Preview bus, audio store or external AES input	From selected video input (1 to 4), Program/Preview bus, audio store or external AES input
Cross-fade audio between video inputs							●	●
Audio mixing					●	●	●	●
Mix in audio clips (voiceovers/sound effects)					From audio store	From audio store	From audio store or external AES input	From audio store or external AES input
AES outputs for audio monitoring							●	●
Performing sequence of operations using timeline control				●				
GPI inputs and outputs	6 GPI inputs	4 GPI inputs	6 GPI inputs	6 GPI inputs	4 GPI inputs and 1 GPI output – plus additional 8 GPI inputs and 8 GPI outputs if ML-GPI8 fitted	4 GPI inputs and 1 GPI output – plus additional 8 GPI inputs and 8 GPI outputs if ML-GPI8 fitted	8 GPI inputs and 3 GPI outputs	8 GPI inputs and 3 GPI outputs
Number of presets	40	5	40	40	256, with partial presets and preset import/export	256, with partial presets and preset import/export	256, with partial presets and preset import/export	256, with partial presets and preset import/export
Frame slots used	1	1	1	1	1 (2 if ML-GPI8 fitted)	1 (2 if ML-GPI8 fitted)	2	2