



CrossFire®

Click Effects **HD**

**One tool. One platform.
One solution.**

Click Effects CrossFire is a multimedia broadcast server system designed specifically with game entertainment in mind. Available in either HD or SD, you can play video clips, audio clips, integrate stats, head shots, graphics, animation and much more, all on one simple platform.



FEATURES & BENEFITS

- AVAILABLE IN SINGLE AND DUAL CHANNEL
- REAL-TIME STATS
- SPORTS DATA PROVIDER PLUG-INS
- RECORD AND PLAY AT THE SAME TIME
- CREATE CUSTOM GRAPHICS
- PLAY INDIVIDUAL AUDIO CLIPS
- DEDICATED KEY OUTPUT PER CHANNEL
- SYNCHRONIZE ALL CLICK EFFECTS SYSTEMS USING CLICK EFFECTS NETWORK® PROTOCOL
- CONSOLIDATE EQUIPMENT AND PERSONNEL
- ZONE YOUR VIDEO BOARD FOR CUSTOM ADVERTISEMENT SPACE USING DVE EFFECTS
- EASY TO USE
- BUILT-IN MAC AND PC FILE CONVERSION UTILITY

**The new standard in
game presentation.**

**Available with fully redundant
backup option.
Seamlessly back up one or
more systems.**

SEE YOUR SALES REPRESENTATIVE FOR DETAILS



Trusted by the best.



TECHNICAL SPECIFICATIONS

Video		SD	Video		HD
Inputs		1 (analog/digital)	Inputs		1 (digital only)
Program Output		1 (analog/digital)	Program Output		1 (digital only)
Key output		1 (dedicated - digital only)	Key output		1 (dedicated - digital only)
Analog video I/O		1 component or Y/C or composite	Analog video I/O		N/A
Digital video I/O		SDI	Digital video I/O		HD-SDI
Digital bit rate		10 bit YUV 4:2:2	Digital bit rate		10 bit YUV 4:2:2
Genlock input		Analog black burst reference (bi-level)	Genlock input		Tri-level sync
Playback / Conversion			Playback / Conversion		
Video format		NTSC, PAL (4x3 or 16x9 support)	Video format		1080i @ 29.97 fps, 1080i @ 25fps, 720p @ 59.94 fps, 720p @ 50 fps
AVI Codecs		MPEG-2 I-Frame, DV25, DVCAM, DVCPRO50	AVI Codecs		MPEG-2 I-Frame, DVCPROHD
MOV Codecs		Sorenson, H.264, DV25, DVCAM, DVCPRO50, AVID™, Apple™ ProRes 422	MOV Codecs		DVCPROHD, AVID™ DNxHD ¹ , XDCAM ER 35, Apple™ ProRes 422 ¹
Graphic File Formats		bmp, tga, tif, jpg, gif, png	Graphic File Formats		bmp, tga, tif, jpg, gif, png
Audio			Audio		
Analog inputs		1 stereo pair (balanced XLR)	Analog inputs		N/A
Analog outputs		1 stereo pair (balanced XLR)	Analog outputs		N/A
Digital inputs		1 stereo pair AES/EBU (unbalanced)	Digital inputs		1 stereo pair AES/EBU (unbalanced)
Digital outputs		1 stereo pair AES/EBU (unbalanced)	Digital outputs		1 stereo pair AES/EBU (unbalanced)
Embedded SDI		1 stereo pair (Input and Output)	Embedded SDI		1 stereo pair (Input and Output)
Playback / Conversion			Playback / Conversion		
Audio Format		48k sample rate, 16 bit, stereo, uncompressed	Audio Format		48k sample rate, 16 bit, stereo, uncompressed
File Formats		wav, mp3, wma	File Formats		wav, mp3, wma
Storage			Storage		
Storage Time		20 hours @ 50Mb/s (variable bit rate from 10Mb/s to 50Mb/s)	Storage Time		17 hours @ 125Mb/s (variable bit rate from 50Mb/s to 300Mb/s)
Capacity		500GB (standard) 1TB, 2TB, 4TB RAID (upgrade)	Capacity		1 TB RAID (standard) 2TB, 4TB RAID (upgrade)
Remote Control			Remote Control		
Protocol		VDCP, PBus II, Click Effects Network®, Intelligent Interface (IIP)	Protocol		VDCP, PBus II, Click Effects Network®, Intelligent Interface (IIP)
GPI (optional)		25 in/out triggers	GPI (optional)		25 in/out triggers
SMPT E (optional)		SMPT E timecode based playback	SMPT E (optional)		SMPT E timecode based playback
System			System		
Network Ports		(2) Gigabit Ethernet	Network Ports		(2) Gigabit Ethernet
COM Ports		(1) RS-232, (2) RS-422 (optional)	COM Ports		(1) RS-232, (2) RS-422
Power Supply		600 watt 120-250 VAC	Power Supply		Redundant 600 watt 120-250 VAC
Chassis		7" x 19" x 25" H-W-D 4RU	Chassis		7" x 19" x 25" H-W-D 4RU
Weight		60 lbs	Weight		60 lbs

¹ Video file conversion is required prior to playback