

MOTU MOTU HD EXPRESS

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COMPUTER AV

VIDEO

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#### HDMI COMPACT VIDEO INTERFACE · Supports Apple ProRes and other

- popular host-based codecs supported by Apple Final Cut Pro (Mac OS X 10.5 or higher) and Adobe Premiere Pro (Windows 7/Vista)
- · HDMI video capture and monitoring for Mac and Windows-based PC computers, via PCI Express (tower) or ExpressCard (laptop) connectivity
- · Captures and plays uncompressed HD and SD in 10-bit 4:2:2 color depth and up to 1920x1080 resolution
- · Capture and monitor analog component HD or SD, plus composite and S-Video
- · HDMI and HD/SD component in/out and composite and S-Video inputs only
- · HDMI provides up to 8 simultaneous channels of embedded audio, analog RCA outputs for monitoring 5.1 or 7.1 surround sound
- Audio inputs include from HDMI, 2x RCA or S/PDIF, outputs are HDMI, 8x RCA or S/PDIF
- · Front-panel headphone jack with dedicated volume control · Half-rack form factor
- HD-EXPRESS-HDMI ..... HDMI interface with PCI ExpressCard .. 495.00 HD-EXPRESS-HDMI-LPTP......As above, laptop version with ExpressCard adapter ...... 495.00

MOTU

#### MOTU HDX-SDI DIGITAL/ANALOG VIDEO PRODUCTION INTERFACE

- · Full-raster ProRes workflow with Final Cut Pro
- HD/SD PCI Express video interface · HD/SD (capture/playback) video interface for
- Mac and Windows laptops or towers
- Cross-platform operation (Mac OS X, Windows 7/Vista) Supports Apple Final Cut Pro (Mac)
- and Adobe Premiere Pro (Windows) · Capture and playback uncompressed
- 10-bit HD and SD from all formats
- HDMI output for 1080 HD monitoring
- Supports video reference, timecode and RS422 machine control
- · Connect analog device through S-Video,
- composite or component connectors
- · 16 channels of audio (analog, SDI embedded, HDMI embedded, AES/EBU)

MSS.COM

- (8) 1/4" TRS audio in/out
- · IRU form factor, rack ears included
- Version with Thunderbolt<sup>™</sup> technology available soon

. PCI Express video interface (Mac/PC) ... .... 849.00 HDX-SDI-EXPRESS ... ExpressCard/34 video interface (Mac/PC)... 849.00

# VIDEO SWITCHERS, SPECIAL EFFECTS AND CHARACTER GENERATORS

Blackmagicdesign



BLACKMAGIC DESIGN ATEM TELEVISION STUDIO This live production switcher combines a professional switcher with a broadcast-quality H.264 encoder. With a user-intuitive software control panel, you can control the ATEM from a Mac or PC laptop. The ATEM features 10-bit digital design for high quality video with a low processing delay. It also has an upstream keyer with chroma, pattern, and linear keying and a built-in multi view allowing 10 channels of video to be displayed on one HDMI monitor. Connections include (4) SDI video inputs (10-bit SD/HD), (4) HDMI video inputs, (1) AES/EBU, (1) USB 2.0 and Ethernet.

IIEM		
ATEM	I_TV_STIINI	n

DESCRIPTION Pro switcher with H.264 encoder...

945.25

ATEM-1-ME-BROADPANEL

PRICE

**BLACKMAGIC DESIGN ATEM PRODUCTION** SWITCHERS Both the 1 M/E and 2 M/E are compact, portable production switchers. Control the switchers with the software control panel via a Mac or PC laptop or the dedicated broadcast panels. The 1 M/E has (4) SDI inputs, (4) HDMI inputs, analog input, USB 3.0, frame resynchronizer, DVE transitions, 6 keyers, multiview and more. The 2 M/E has (12) SDI inputs, (4) HDMI inputs, analog input and USB 3.0. Other features of the 2 M/E include SuperSource multi-layering composite engine, 2 multiview outputs and a second M/E row.



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ITEM	DESCRIPTION	PRICE
ATEM-1-ME-PRODSWITCH	.ATEM 1 M/E switcher,	2RU
ATEM-2-ME-PRODSWITCH	ATEM 2 M/E switcher,	3RU

#### ATEM-PROD-STUDIO-4K



lets you connect up to 8 SD, HD or UltraHD 4K video cameras, disk recorders and computers. It includes chroma key, transitions, media pool, downstream keyers, audio mixer, multi-view

and the world's first 6G-SDI and HDMI 4K video connections. Gain greater control of your ATEM switcher with the ATEM broadcast panels. The compact 1 M/E panel fits within a rack width and controls sources, transitions, keyers, DVE control and more. It has 10 direct cross points and one fader bar. The 2 M/E panel is designed for complex live broadcast events and features 20 direct cross points, 2 fader bars and a second M/E row. Both panels connect via Ethernet and have a loop thru for a computer.

ITEM	DESCRIPTION	PRICE
ATEM-PROD-STUDIO-4K	UltraHD 4K live production switcher	
ATEM-1-ME-BROADPANEL		
ATEM-2-ME-BROADPANEL		CALL

# datavideo

#### DATAVIDEO SE-500 ANALOG VIDEO MIXER/SWITCHER

A 4-channel mixer featuring S-video (Y/C) and composite video inputs. Features include dissolve, fade, wipes, splits, PIP and color processor. Channels are internally synced via a built-in dual-channel TBC 4:2:2 frame synchronizer. Has component (YUV) via breakout cable, S-video (Y/C) or composite video output. The SE-500 displays all 4 input sources via a



single quad output so only 2 video monitors are needed - one for all inputs, one for output. The input display will also automatically change to preview the next transition if selected. Unit can be manually operated or via RS232 interface. The HS-500 is a mobile studio that pairs the SE-500 mixer/switcher with the TLM-702 dual 7" 16.9 widescreen monitor unit in a lightweight suitcase with rear access for cables

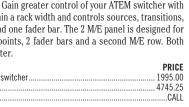
10.5 widescreen monitor unit in a ngittweight suitease with rear access for cubies.			
ITEM	DESCRIPTION	PRICE	
SE-500	. 4-channel video mixer		
TLM702	. Dual 7" 16:9 widescreen monitor unit		
HS-500	. Hand-carried studio with SE-500 switcher and TLM-702 monitor unit.		
SE-500-KIT	. 4-channel video mixer with (2) TLM-702 monitors		
SE-500-DNKIT-NTSC	. 4-channel video mixer with TLM-702 monitor,		
	DN-500 recorder/player, RKM-572 monitor holder		

#### LEASE ALWAYS CONSULT MANUFACTURER'S WEBSITE FOR MOST CURRENT SYSTEM REQUIREMENTS!





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# datavideo DATAVIDEO SE-900 SD **SWITCHER SYSTEM**

This 8-input SD switcher has an expandable core feature set that includes chroma key cards and PIP. This

2-piece switcher (control panel and rack mounted processor) is ideal for SD venues.

The switcher accepts a mix of 8 input cards for DV, SDI,

DVI, YUV and composite. Outputs include DV, SDI, composite,

component and S-video. Each input has a frame synchronizer and TBC. Preview functions include a YUV /composite multi image output with "next source" and "next effect". The SE-900 caters to DV and SDI formats by including an audio delay for DV, and an optional audio embedder for the SDI stream. The SE-900 is sold as a standalone 2-piece switcher with monitors, monitor racks and cases, or prefigured with different inputs in several different kits (see below). Optional input and function cards are available - call for more details and pricing.

ITEM	DESCRIPTION	PRICE
SE-900	SD switcher system (2 pieces)	4454.00
SE-900DV-KIT	SE-900 with (1) SDI overlay card, (1) chroma key card,	
	(6) DV input cards, (2) YUV, CV, S input card	CALL
SE-900STD-KIT	SE-900 with (1) SDI overlay card, (1) chroma key card,	
	(4) DV input cards, (4) YUV, CV, S input card	CALL
SE-900SDI-KIT	SE-900 with (1) chroma key card, (6) SDI in card,	
	(1) SDI out card, (1) external genlock card	CALL
MS-900	Configured and wired SE-900 mobile studio – SE-900 sw	itcher,
	TLM-170M dual 7" LCD monitors, intercom set for eight u	isers,
	PD-1 AC distribution, DN-300 recorder, RP-17 talkback b	reakout
	panel, RP-23 rack mount for DV Bank and Deck, Tray for	SE-900,
	CCS-M1 12 RU table-top mobile case	CALL
<b>Optional Cards:</b>		
	SDI input card	
900-DV25	DV input card	326.00
900-YUV	YUV, CV, S input card	288.00
900-DVI	DVI input card	384.00
	SDI output card	
900-DVK	Chroma key card	1920.00

CG software only - requires Decklink capture card (PC) ...

. HD/SD-SDI distribution amplifier, 1-in, 4-out...

Desktop 17" 16:9 HD-YUV LED monitor

#### DATAVIDEO HS-2000 MOBILE **HD VIDEO PRODUCTION STUDIO/**

SWITCHER This unit features a 17" LCD monitor to display multiview outputs, 1 DVI-D input, 3 HD-SDI inputs and 1 selectable DVI-D/HD-SDI input, a built-in 4-channel audio mixer, a 5-channel wired intercom with belt packs for camera ops. Monitor shows review input, program output, and picture-in-picture preview. Program output allows connection to external digital video recorder, which can be viewed on the unit's screen. Also features

luma key, built-in TBC and frame synchronizers

on all inputs, and HD resolutions up to 1920x1080i and 1280x720p. Comes in a protective aluminum case.

ITEM

CG100

VP445

TLM-170H....

DESCRIPTION HS-2000

Mobile HD-SDI/DVI video production studio/switcher.



datavideo DATAVIDEO SE-2000 HD-SDI

VIDEO SWITCHER This unit features 13 transitions with border, 5 individual speed keys (for instant selection with take effect), and the ability to insert up to 14 pre-stored logos. Includes 3 dedicated HD-SDI inputs, 1 DVI-D input and

1 switchable input, a tally output, a DVI-D preview output, and HD-SDI and HD-YUV program output formats. Also features luminance key, PIP, freeze image, memory enough for 5 user presets, RS232 control, and 4-input audio mixer with XLR connectors. 12V DC adapter is included.

ITEM	DESCRIPTION	PRICE
SE-2000	HD-SDI video switcher	



960.00

191 00

1344 00

PRICE

.CALL



FOR.A HVS-300 SERIES PORTABLE HD/SD VIDEO SWITCHER AND CONTROL PANEL This 1RU switcher can be operated via the front control panel, by mini panel or through software control. HD resolutions up to 1080/60i, 4:2:2:4 10-bit processing, 4 HD/SD-SDI inputs and outputs each, (frame synchronizer, up-converter, re-size engine on each input). The HVS-300HS is expandable with I/O card options that include DVI-I, HD/SD analog component and analog composite inputs or outputs. The device's built-in 16-split multi-viewer supports 4-, 10- or 16-split view with tally and title display. Also features dual PIP function, an up-stream keyer and DSK (both with 2D DVE), advanced Chroma Key, a variety of 2D and 3D DVE transitions, 100+ wipe patterns and 2 channels of still stores.

ITEM	DESCRIPTION	PRICE
HVS-300HS-B	1RU HD/SD switcher - standard version	CALL
HVS-30RU	Remote unit for HVS-300HS	
HVS-300U	Operation unit for HVS-300HS	
HVS-30HSDI	HD/SD digital input card	
HVS-30HSD0	HD/SD digital output card	
HVS-30HSAI	HD/SD analog input card	
HVS-30HSA0	HD/SD analog output card	2136.79
HVS-30PCIN	PC input card	2136.79
HVS-30PC0	PC output card	
HVS-AUX8	8-button aux control box	
HVS-AUX16	16-button aux control box	

# Morita **HORITA KCT-50**

**CHARACTER GENERATOR** 

A stand-alone video character generator with built-in text editor, that works with a standard PC keyboard (no PC required) to superimpose captions and titles of up to nine lines of 20 characters each, on analog composite video.

The horizontal and vertical size and position,

black/white, mask on/off, and contrast for the characters is user adjustable. Date and time information can also be automatically inserted in a variety of formats. Up to 25 KCT-50s can be connected and controlled from a single PC keyboard. ITE

EM	DESCRIPTION	PRICE
T50	Character generator	379.28

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INTELIX FLX-8X8A MODULAR FLEX MATRIX SYSTEM The FLX-8X8A is a card-based matrix distribution system, consisting of two input and two output slots. Insert any combination of HDMI, DVI, VGA, Y/Pb/Pr Component Video, and/or HDBaseT input cards with HDMI, DVI, and HDBaseT output cards. Use any input type with any output type. This matrix can drive both local and remote zone outputs via twisted-pair cabling. In addition to modules, the unit has built-in RS232 and ethernet connectors, front panel control, EDID management, and a 8x8 balanced stereo audio switcher for whole premise audio capabilities.

ITEM		PRICE
FLX-8X8A	8x8 flex matrix distribution system	
FLX-HI4	4-port HDMI input card	
FLX-DI4	4-port DVI input card	
FLX-RI4	4-port RGB, YUV, SV, YC, CV scaling input card	
FLX-BI4	4-port HDBaseT input card	
FLX-H04	4-port HDMI output card	
FLX-D04	4-port DVI output card	
FLX-B04	4-port HDBaseT output card	



**INTELIX HIGH-DEFINITION TWISTED PAIR VIDEO MATRIXES** These units have HDMI inputs, HDMI outputs and twisted pair extender outputs. 8x8 features front panel touchscreen for source selection. All models support 1080i and 1080p video and are HDMI 1.3b and HDCP compliant. They are rack mountable, include wireless remote and are controllable by the front panel, Ethernet, IR or RS232. Features pass-through IR channels for distributing remote IR commands from in-room controllers via twisted pair extenders over a maximum of 150ft twisted pair cable.

ITEM	DESCRIPTION	PRICE
DIGI-HD-4X4	. 4 HDMI in/4 HDMI out, 4 twisted pair out HD matrix	1255.16
DIGI-HD-4X8	. 4 HDMI in/8 HDMI out, 8 twisted pair out HD matrix	3376.76
DIGI-HD-8X8	. 8 HDMI in/8 HDMI out, 8 twisted pair out HD matrix	CALL





KRAMER HIGH-PERFORMANCE MATRIX SWITCHERS These professional matrix switchers can route any input to any or all outputs simultaneously. Multiple memory locations allow for storage of multiple switches as presets. The VS-48HDCPXL and VS-88HDCPXL support DVI and HDMI signals on DVI-D connectors, are HDCP and HDTV compatible, support EDID PassThru and have a maximum data rate of 6.75 Gbps (2.25 Gbps per graphic channel). The VS-44HDXL and VS-88HDXL support up to 3G HD-SDI and HD-SDI dual link signals. They have Active Input Type™ Reporting, a maximum data rate of 3 Gbps, and a "Take" button that executes multiple switches at once.

ITEM	DESCRIPTION	PRICE
VS48HDCPXL	4x8 HDCP compliant DVI matrix switcher	
VS88HDCPXL	8x8 HDCP compliant DVI matrix switcher	
VS44HDXL	4x4 3G HD-SDI matrix switcher	
VS88HDXL	8x8 3G HD-SDI matrix switcher	



KRAMER VP-725NA 21-INPUT DIGITAL SCALER/SWITCHER The VP-725NA is a presentation scaler/switcher with multiple signal format sections and balanced stereo audio. The unit has 5 independent 4x1 video sections: composite, S-Video (Y/C), component (YUV), computer graphics and HDMI, plus a single USB input. It also scales any video input up or down to a selectable graphics or HDTV output resolution and provides glitch-free switching between sources through FTB™ (fade-thru-black) switching technology. Includes rack ears, remote control, and null-modem adapter.

TEM	DESCRIPTION	PRICE
/P725NA	21-input digital scaler/switcher with stereo audio	. 3192.00



KRAMER VP-411DS CG VIDEO/STEREO AUDIO STANDBY SWITCHER This standby switcher will switch to a secondary input when the primary input's signal is lost. Offers computer graphics resolutions of VGA through UXGA and higher (thru 15-pin HD connectors) as well as unbalanced stereo audio signals (through 3.5mm mini-jacks). The VP-411DS features KR-ISP™ Advanced Sync Processing that ensures compatibility with a wide variety of computers by restoring the sync signal waveform. IR remote included. Controllable by RS232, front panel (which features lockout capability) or contact closure.

ITEM	DESCRIPTION	PRICE
VP411DS	Audio/video standby switcher	556.00

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KRAMER PROSCALE™ VP-437N ANALOG AND HDMI SCALER/SWITCHER This 7-input scaler/switcher scales composite, component video, S-Video, computer graphics video or HDMI signals up/down to a selectable graphics output resolution. Unbalanced stereo audio input is converted to S/PDIF and analog stereo output and embedded in the HDMI out. Other features include 3:2/2:2 pulldown de-interlacing, up to 1080p HDTV output resolutions, audio follow video, and more. It is ideal for projection systems, conference rooms and home theater set-ups and is rackmountable (rack ears included).

ITEM	DESCRIPTION	PRICE
VP437N	7-input analog/HDMI scaler/switcher, 1RU	956.00

# Panasonic

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PANASONIC AWHS50 MULTI-FORMAT LIVE HD/SD SWITCHER This half-rack unit-wide, 4:2:2 HD/SD live switcher offers 10-bit processing, built-in MultiViewer (4, 9, or 10 images on a single display), chroma

keyer, aux bus with an IP link to

Panasonic's AWRP50 remote camera



controller, and 1080/29.94PsF support. Other features include picture-in-picture with dissolve transitions, color correction, linear and downstream keyers, switchable upconversion, auto or manual video transitions, frame memories, and wipe and PinP preset memories. It has 4 HD-SD-SDI and 1 HD DVI-D inputs - each with 1-bit frame synchronizers, and 2 HD/SD-SDI and 1 scalable DVI-D outputs. The AWHS50 also sports a GPI input, camera tally outputs, an Ethernet control interface, and a 4-pin XLR 12VDC input. Also supports 1080/59.94i, 1080/24PsF, and 720/59.94p.

ITEM	DESCRIPTION	PRICE
AWHS50	Multi-format live HD/SD switcher	
AWRP50N	Remote camera controller	



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Roland **ROLAND V-8 8-CHANNEL VIDEO** MIXER WITH EFFECTS The internal processing of the V-8 is 4:2:2 full-frame digital with more than 500 lines of video resolution. It has a built-in scan converter, providing direct input of RGB signals (VGA-UXGA) from 2 D-Sub terminals on the rear panel. Using the luminance key or chroma key, enables logos or text from your computer to be keyed over background video enabling the display of lyr-

ics, bottom thirds, and announcements.

It includes effects such as colorize and



negative, feedback, afterimage, emboss, and Picture-in-Picture. Customize your transitions between the A and B bus with multiple flavors of simple mix, hard or soft wipes, stretch and slide transitions. It has independent faders on each bus as well as the master output for easy fades and video effects control. The V-8 can be remote controlled from the V-4 and can send remote control signals to the new generation of Roland's digital audio mixer, the RSS M-400 (V-Mixer). Includes multiple composite (BNC), S-video and RGB connectivity, plus MIDI in/out/thru for remote control interfaces.

ITEM	DESCRIPTION	PRICE
V8	8-channel video mixer with effects	2295.00

#### **ROLAND VR-5 A/V MIXER**

AND RECORDER An all-in-one solution for live video production, recording and streaming. Use for video switching, audio mixing, video playback, recording, monitor preview or as output for web streaming and more. Features 5-channel video switcher (3 video sources, PC in, video playback), 2 mono and 5 stereo mixable audio channels, scan converter for PC in,



dual LCD monitors with touch control, 3 video layers for 2 video sources plus downstream keyer, MPEG-4 player/recorder, USB video/audio class device for web streaming and more. Inputs include BNC x 3 composite in, S-Video x 3, PC-RGB D-Sub 15-pin. Outputs include BNC x 2 composite, S-video x 2, and preview out video BNC x 1 composite. Records to SD (1-2GB) and SDHC (max 32GB, class 4 or greater) cards. Supports PC-RGB video 640x480/120Hz, 800x600/120Hz, 832x624/75Hz, 1024x768/80Hz, 1152x864/80Hz, 1152x870/75Hz, 1280x1024/75Hz, and 1600x1200/60Hz.

ITEM	DESCRIPTION	PRICE
VR-5	A/V mixer and recorder for web streaming	. 3995.00

#### **ROLAND V-800HD**

LIVE VIDEO MIXER An all-in-one, 8-channel (16-input) seamless switcher/mixer. Made for live events or installations where a high variety of video input formats are



required. The unit features a built-in multiviewer output for a HDMI monitor. The 8 mixing channels provide connectivity to 3G/HD/SD-SDI, DVI-A/D/HDMI, RGB, component, and composite formats, as well as 2 channels for still images via USB stick or frame grab. Multi-Zoom enables 1 input to be shared by 3 other inputs, which can be scaled individually to create a virtual multi-camera environment. The unit is adept at handling LED wall sizing challenges and all situations that require a flexible switcher/mixer. Additional effects include a downstream keyer (DSK), a composite keyer, Picture-in-Picture and multiple transitions. With video output resolutions up to 1080/60p and 4:4:4/10-bit processing the highest quality video is achieved. ITEM DESCRIPTION PRICE

V-800HD . 8-channel multi-format live video switcher/mixer ....

Roland ROLAND V1600HD LIVE VIDEO MIXER Ideal in live events or installations requiring a high channel count and the ability to accept a variety of video input formats out of the box. Allin-one 14-channel (16-input) seamless switcher/mixer. Connect HS/SD-SDI x8, DVI-D x2, RGB x2, component x2, S-Video, and composite



inputs. Also input still from a USB thumb drive. Output options include HD/ SD-SDI, DVI-D, RGB, component, S-Video and composite. Contains built-in hires preview monitor, frame synchronizer and up/down scalers. Effects include a downstream keyer, composite keyer, picture-in-picture and 9 wipe patterns. Multi-screen output options including the ability to SPAN the mixer output to two projectors with the ability to edge-blend the center. Supports video resolutions from 480i29.97 to 1080p60, computer resolutions from 640x480 to 1920x1080.

ITEM	DESCRIPTION	PRICE
V-1600HD	16-input, 9-output, live video mixer	CALL

# SONY

CALL



SONY MCS-8M MULTI-FORMAT COMPACT SWITCHER A multi-format switcher with a built-in audio mixer and a frame synchronizer. Features include preset DME wipe patterns, multi-viewer, keyer, 1-channel frame memory input, and a 3D Mode function. It operates in either HD or SD mode with the following inputs - (4) HD/SD-SDI, (3) HDMI (HD only), (3) analog composite (SD only) and (1) DVI-I. The 6-channel audio mixer has audio delay adjustment, a USB port and (2) XLR and (4) TRS outputs.

ITEM	DESCRIPTION	PRICE
MCS-8M	Compact audio/video mixing switcher	CALL



TV ONE S2 SWITCHER/INPUT EXPANSION MODULES Any of the S2 Series can be used as standalone video and audio switcher or as expansion module for the C2 Scaler/Switcher Series. Only one S2 unit can be attached to a C2 product, but several S2 units can be daisy-chained to each other.

ITEM	DESCRIPTION	PRICE
S2-101AA	. 1x2 audio power amplifier	
S2-105CV	. 5x2 composite video switcher	
S2-105CVA	. 5x2 composite video/audio switcher	
S2-105DVIA	. 5x1 DVI-D and stereo audio switcher	
S2-105PC	. 5x1 RGB/YPbPr switcher	505.75
S2-105PCA	5x1 RGB/YPbPr switcher and stereo audio switcher	
S2-105YC	. 5x2 YC (S-Video) switcher	
S2-105YCA	5x2 YC (S-Video) and stereo audio switcher	
S2-106AD	6x2 stereo audio switcher with full processing	
S2-108HD	. 8x2 HD/SD-SDI routing switcher	
S2-109PC	9x1 RGB/YpbPr switcher	
S2-110CV	. 10x2 composite video switcher	505.75
	. 10x2 YC (S-Video) switcher	

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