

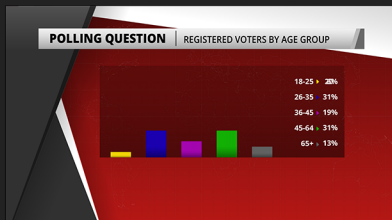
XPression

Real-time motion graphics engine scales to meet any production workflow demands.

Channel 1



Channel 2



> XPression GO! & GO2! systems are powered by Dell

NEWS

ELECTIONS

SPORTS

ENTERTAINMENT

HOUSES OF WORSHIP

SOCIAL

VS/AR

Ross Video's XPression line of real-time motion graphics systems, clip servers, workflow tools, and purpose-built software applications deliver complete solutions for your most demanding tasks.

XPression GO2! Series

EASE OF USE

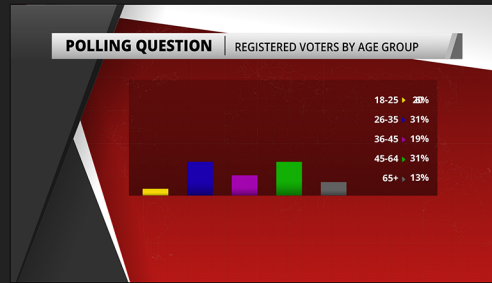
To bring the power of XPression everywhere you go, Ross Video has added Dell and AJA to XPression and created the XPression GO2! Series.

The XPression GO2! Series adds support for up to two channels (video/key pairs) of 1080P content. Depending on the Edition of the XPression GO! software used. XPression customers will find the same quality in our rack-mounted systems with up to two channels of content, internal keyers, and a portability factor never before offered with XPression, making this your GO2! configuration for XPression.

Channel 1



Channel 2



XPRESSION GO! & GO2! SERIES LAPTOP HARDWARE PHYSICAL SPECIFICATIONS

FEATURE	DESCRIPTION
HEIGHT	Front 1.02" (25.98mm) – Rear 1.13" (28.6mm)
WIDTH	15.75" (400mm)
DEPTH	10.38" (263.6mm)
WEIGHT	6.65lbs, 3.01kg

XPRESSION GO! & GO2! SERIES LAPTOP SPECIFICATIONS

FEATURE	DESCRIPTION
OPERATING SYSTEM	Microsoft® Windows® 10 Professional, 64-bit
PROCESSOR	11th Gen Intel Core Processor i7-11850H (8 Core, 24MB Cache, 2.50GHz to 4.80GHz, 45W, vPro)
MEMORY	32 GB, 2x16 GB, DDR4, 3200MHz, Non-ECC, SODIMM
GPU	NVIDIA RTX A4000 w/8 GB GDDR6
STORAGE MEDIA	Boot (System) Drive: 128GB PCIe M.2 SSD
MEDIA DRIVE	M.2 2280 512 GB, Gen 4 PCIe x4 NVMe, Solid State Drive
NETWORK	1x 10/100/1000 Mbps Ethernet controller integration on system board 1x Wi-Fi 802.11ac 1x Bluetooth 4.2 1x Miracast
POWER SUPPLY	240W E5 Power Adapter
USB	2 USB 3.2 Gen 1 Type-A port 1 USB 3.2 Gen 1 Type-A port with PowerShare 2 USB 3.2 Gen 2 Type-C Thunderbolt 4 ports
VIDEO	HDMI 2.1 port 1 Mini DisplayPort 1.4
AUDIO	1 x Microphone/Headphone port (Configurable)
GPI	Unlimited RossTalk™ Smart GPI or TCP/IP

XPRESSION GO! & GO2! SERIES INCLUDED ACCESSORIES

FEATURE	DESCRIPTION
SECURITY KEY	USB License Key
SOFTWARE	XPression Software and Workflow Tools package on USB media
WARRANTY	12 Month System Warranty (parts/labor and software updates) 5-Years Hard Disk Drives

XPRESSION GO2! SERIES SUPPORTED AUDIO I/O

FEATURE	DESCRIPTION
INPUT	16-channel, 16 and 24-bit SMPTE-259 SDI embedded audio, 48 kHz sample rate, synchronous
OUTPUT	16-channel, 16 and 24-bit SMPTE-259 SDI embedded audio, 48 kHz sample rate, synchronous

Taking two channels of XPression to go has never been easier. For productions on the go, traveling to distant locations or working in tight spaces, the XPression GO2! workflow supports a single or dual channel workflow in SD to HD-SDI production formats using technology which fits into a backpack. XPression really can go anywhere.

XPRESSION GO2! SERIES VIDEO FORMATS

FEATURE	DESCRIPTION
SD to 1080p SUPPORT	Up to two channels of: <ul style="list-style-type: none"> 1080p 23.98, 24, 25 1080PsF 23.98, 24, 25 1080i 50, 59.94, 60 1080PsF 23.98, 24, 25, 29.97, 30 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 720p 23.98*, 24*, 25*, 29.97*, 30*, 50, 59.94, 60 625i 50 525i 23.98*, 59.94

XPRESSION GO2! SERIES SUPPORTED VIDEO I/O

FEATURE	DESCRIPTION
INPUT	1x 3Gb/s SD/HD switchable Analog Y, B-Y, R-Y/NTSC/PAL
OUTPUT	4x bi-directional BNC connections for: <ul style="list-style-type: none"> 3G-SDI, SMPTE 425 RGB 4:4:4 8-bit, YCbCr 4:2:2 10-bit 1.5G-SDI, SMPTE 292M Single Link HD-SDI YCbCr 4:2:2 10-bit Dual Link RGB 4:4:4 8-bit, Dual-Link YCbCr 4:2:2 10-bit 270 Mbps SDI, SMPTE 259M-C YCbCr 4:2:2 10-bit, 8-bit

XPRESSION GO2! SERIES SUPPORTED VIDEO STANDARDS

FEATURE	DESCRIPTION
SD	SMPTE 259M
HD	SMPTE 292M, SMPTE 296M, SMPTE 372M and SMPTE 425M A/B
IP	NDI™

XPression®

Ross Video has a complete range of technical services available to ensure that your XPression Go! installation is a success.

Operational Training can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your productions.

Commissioning is a service to help get your graphics system properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

Technical Training can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

XPression Go! comes standard with a 1 year system warranty (parts / labor & software updates) / 5-Years Hard Disk Drives. **Extended Warranties** on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – **Included for the life of your system.**

CONTACT US:

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Technical Support

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ROSS VIDEO

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Augmented Reality & Virtual Sets
Sport & Live Events
Legislative
Mobile Production
House of Worship
Education
Corporate

PRODUCTS

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Motion Graphics & Clip Servers
Replay & Production Servers
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Control Systems
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Signal Processing Infrastructure
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Mobile Production

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