

GRAPHITE



GRAPHITE ON-THE-GO

The Graphite Portable Production Centre (PPC) offers a complete production solution neatly housed in a single compact carrying case. This powerful all-in-one production platform combines unmatched portability and ease of operation with big switcher performance, stunning XPression graphics, instant-access clip servers and pristine RAVE audio. Graphite PPC is easy to set-up and its ultra-quiet fan means it can be deployed just about anywhere, even next to on-air talent!



PORTABLE

Graphite PPC comes in an easy to transport soft-shell carrying case, equipped with a pull-out handle and wheels. The system can be set up in minutes and only requires a single operator to produce dazzling high-impact production.



UNOBTRUSIVE

Ultra-quiet fan cooling means Graphite PPC can be deployed just about anywhere, even in studios with live microphones.



VALUE

Starting at just \$19,995, Graphite PPC puts high-end, true hardware-based production power within reach of just about any facility to maximize your investment.



SPECIFICATIONS

XPRESSION GRAPHITE	
Template Designer	✓
Playout Sequencer	✓
Built-in Motion Graphics Templates	✓
2D / 3D Fonts	✓
Arabic, Asian & Scripted Language Support	✓
3D Primitives	✓
Imported 3D Models	✓
Video Clip Support (within a template)	✓
XPression Video Codec License	✓
XPression Video Coder Application	✓
Automated File-based Ingest, Transcoding & Publishing	Optional
Animation Timeline	✓
Graphical Keyframe Editor	✓
Continuous Animations	✓
Stagger Animations	✓
Visual Logic	✓
Virtual Cameras	✓
Seamless Continuous Tickers	✓
TrueD! Anaglyphic Stereoscopic Preview	✓
Render to Disk	✓
Output Framebuffer Layers	Unlimited
Virtual Preview Channels (up next & look-ahead)	✓
High Definition Formats (HD)	✓
Standard Definition Formats (SD)	✓
Project Video Format Conversion	✓
Custom Resolution Video Formats (DVI Out)	✓
RossTalk (TCP/IP Strings)	✓
P-bus	✓
Custom Keyboard	Optional
DashBoard Sequencer Control	✓

OPTIONAL XPRESSION WORKFLOW TOOLS AND APPLICATION

Studio Single Channel Edition (SCE)
 Studio Multi-Channel
 Project Server
 openMAMTM Connectivity
 Ross Streamline Asset / Order Management
 DataLinq Server
 XPression Gateway
 MOS Plug-in
 NLE Plug-in
 Template Builder
 CII Gateway
 Desktop Preview Server
 XPression Tessera

XPRESSION CLIP FEATURES

1 Channel of Baseband Video Ingest
 2 Channels of Playout
 No Pre-roll
 Back-to-back Transitions
 Clip Browser with Searching
 Clip Trimming and Looping
 VDCP, AMP, P-bus, and RossTalk Automation Protocols
 P-bus Manager for Intelligent Clip Assignment
 Clip Manager Application with User Rights or Database Management and Synchronization Setup



SPECIFICATIONS

RAVE AUDIO MIXER	
48-Channels	<ul style="list-style-type: none"> • Up 16 PC Audio • Up to 2 Media Stores • 48 Configurable Channels <ul style="list-style-type: none"> - Up to 48 SDI-embedded audio channels - Up to 4 XPression Channels - Up to 3 Stereo AES - Up to 24 Mono Analog
OUTPUT CONTROLS	
Fader Volume	-∞dB to + 20dB
Post-Fade Audio Meter	✓
Post-Fade Peak Indicator	✓
Solo Clear	✓
PFL Clear	✓
Audio Aux Mixers	12 assignable pre or post-fader
Configurable Audio Outputs	<ul style="list-style-type: none"> • 8 channels pairs or 16 mono channels per SDI-input • Audio breakout module outputs • PC Audio Output
INPUT CONTROLS	
Selectable embedded SDI-channel pairs	8 channel pairs per SDI-input Assignable to any available fader
Sample Rate Converters	Available to: <ul style="list-style-type: none"> • AES Input ports (2-channels) • Input BNCs 1-6 (16-channels)
Fader Volume	-∞dB to + 20dB
Pre-Fade Audio Meter	✓
Pre-Fade Peak Indicator	✓
Balance Control on Stereo Inputs	✓
Pan Control on Mono Inputs	✓
Mono Mode	Duplication of Mono channel (L or R) to create L-L / R-R channel pair
Mute	✓
Solo	✓
Pre-Fade Listen	Unlimited
Audio Follow Video (Assignable)	✓
Audio EQ	4-band EQ control on any fader (high shelf, dual mid-shelf, low-shelf)
Compression / Limiting	Channel-by-Channel compression/limiting with variable attack and release parameters (assignable pre or post-EQ)

RAVE AUDIO BREAKOUT PANEL	
Analog / Microphone Inputs	8
Analog Outputs	5
AES Digital Audio Inputs	1
AES Digital Audio Outputs	1
Adjustable Pre-Amps Gain on Analog Inputs	0-60dB
Phantom Power on Analog Inputs	48V
Digital Pads on Analog Inputs	-200dB
Digital LCD Front Panel w/ Multi-Function Control Panel Interface	✓
Number of GPI/O	24
Number of Tallies	16

