

# 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

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

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

