

# CARBONITE UltraA

| 24-Input Production Switcher.

From the very beginning... The Carbonite Team at Ross have been focused on bringing you a **precise mixture of power... And magic.**

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**ROSS**<sup>®</sup>  
LIVING LIVE!



| Production **Wizardry.**



1RU All Metal Chassis

#### INSANE HORSEPOWER

Don't let the size of the box fool you. Carbonite Ultra offers an insane list of production features:

- 24 SDI inputs.
- 14 SDI outputs.
- Up to 3 MEs with 4 full function keyers & transition keyer.
- 4 MiniMEs with 2 full function keyers.
- 2 floating UltraChrome chroma keyers.
- 8 floating DVEs.
- 4 MediaStores, each with key + fill.
- 4 MultiViewers with a total of 64 windows.
- Intelligent memory system and timeline macros.
- Complete set of I/O frame syncs, format converters, colour correctors and proc amps.
- Support for SD, HD, 3G 1080P and 12G UHD video standards.
- Includes XPression LiveCG for high-quality production graphics.
- Serial and Parallel Tally and GPI/O connections.
- LiveEDL data capture for non-linear editing suites.

INDUSTRY STANDARD. NEXT GENERATION.

More powerful, more compact, and more affordable than ever. Carbonite Ultra uses the latest technology to distill the best of the Carbonite series into a single, next generation platform.



#### NEW & IMPROVED

Ultra-compact and ultra-powerful. Carbonite Ultra is a sleek 1RU chassis that improves upon the most popular Carbonite features and adds new format-independent hardware to handle multi-format productions with ease.

The new FrameGlow feature lets you customize the look of your switcher with a programmable RGB LED bar. FrameGlow is great for differentiating multiple chassis, monitoring switcher status and for use as an impossible-to-miss alarm indicator.

#### PROVEN-PLATFORM

Carbonite Ultra is built on the industry-standard of Carbonite, the production switcher series that powers amazing productions for thousands of Ross customers worldwide. Experience the value of a software-defined switcher platform backed by a team with over 40+ years of production switcher development and one of the highest-rated customer support teams in the industry.

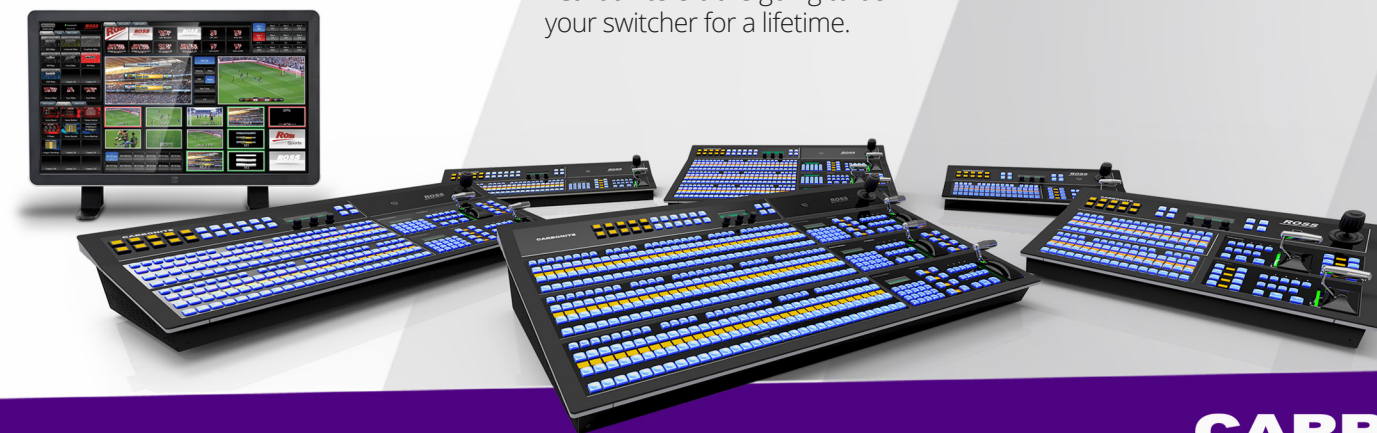
#### MORE AFFORDABLE THAN EVER

Yet again, Ross has re-defined the price / performance of a mid-size production switcher. Carbonite Ultra makes it more affordable than ever to introduce big switcher features into your productions – **starting at \$10,900\***

\*USA pricing, international prices will vary.

#### FAMILIAR CONTROL

Carbonite Ultra makes you productive immediately with a range of control choices and an included SoftPanel. Any of the Carbonite Black Series control panels can be paired with Ultra – an interface proven and familiar to tens of thousands of users globally. For novice operators, ViewControl lets you manage your show through a simple touchscreen interface. RossTalk protocol support takes multi-product integration and control to the next level.



#### SOFTWARE-DEFINED

What you see now is barely scratching the surface. Carbonite Ultra's custom hardware platform is 240% more powerful than its predecessor, the Ross team will be using this processing power to deliver cutting-edge features via software updates and offer exciting future functionality. Carbonite Ultra is going to be your switcher for a lifetime.

#### FORMAT INDEPENDENT

Video the way you need it. Carbonite Ultra handles video in all common formats, and with a full set of I/O processing resources – including frame syncs, format converters, colour correctors and proc amps – putting together a show in your required production format is a breeze.

#### 12G / UHD BY DESIGN

Ultra's next software release will provide 12G / UHD support with 18 inputs & 10 outputs in 12G mode, which includes 1 full ME & 2 MiniMEs as well as Chroma Key, MediaStores, and 4K DVEs – **Carbonite Ultra represents unbelievable value for a 12G / UHD switcher.**



**CARBONITE** Ultra

# CARBONITE Ultra

Ross Video has a complete range of technical services available to ensure that your Carbonite Ultra 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 production switcher 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.

Carbonite Ultra comes standard with a 1 year comprehensive warranty. **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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House of Worship  
Education  
Corporate

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Motion Graphics & Clip Servers  
Replay & Production Servers  
Robotic & Camera Systems  
Control Systems  
Routing Infrastructure  
Signal Processing Infrastructure  
News, Live & Social Production Management  
Media Asset Management

### SERVICES

Creative Services  
Mobile Production

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