

Carbonite Code 1.1.0

- Release Date: Nov, 2024.

Feature Enhancements

A number of features have been added, or updated, to this version of software. This section provides a brief introduction to these features, and how to use them.

v1.1.0 Features

Audio Delay

You can now apply a delay of between 0 and 20,000 ms to any audio fader.

Bugs Addressed

The following bugs were addressed in this version of software:

- VS-506 — Fix menu issues when too many NDI streams where on the network.
- VS-513 — Fix Split Key.
- VS-515 — Do not show unsupported devices.
- VS-519 — Properly handle NDI sources that skip frames when there is no motion.
- VS-522 — Fix timing errors when output frame drops.
- VS-525 — Fix stretched/zoomed in media wipes in some cases.
- VS-527 — Include more sources in TSL 3.1 and 5.0.
- VS-528 — Fix background shown on the left when DVE is at 100%.
- VS-529, VS-533, VS-537, VS-543 — Various UI bugs.

Installing Carbonite Code

Install the Carbonite Code software on your PC.

The Carbonite Code software can be installed on any Windows® 11 computer with an NVIDIA® graphics card, but performance will be limited by your hardware. The following hardware configuration is recommended.

Hardware Requirements

The following describes the recommended *minimum* hardware configuration for Carbonite Code for customer or business partner supplied hardware.

Item	Server	Desktop
Processor	Intel® Xeon® Silver 4410T (10 Cores)	Intel® i9-12900 (16 Cores)
	<i>Note: Carbonite Code is optimised for use with Intel® CPUs.</i>	
GPU	NVIDIA RTX™ 4000 Ada	NVIDIA® GeForce RTX™ 3080
	<i>Note: Carbonite Code is optimised for use with NVIDIA® GPUs.</i>	
Memory	32GB DDR5	
Storage	100GB SSD	
USB	3 (1×License Dongle, 1×Keyboard, 1×Mouse)	
Network	10G Ethernet Port	
Power Supplies	Select a power supply based on the power and connection requirements of the system components. It is recommended to operate power supplies at 40-80% of their total capacity for optimal efficiency and overhead. For reference, the hardware supplied by Ross Video makes use of redundant ASUS® 1300W 50.5MM SLIM Platinum power supplies.	
OS	Microsoft® Windows® 11 Pro for Workstations	Microsoft® Windows® 11 Pro
	<i>Note: Earlier versions of Windows® may function correctly, but some Carbonite Code features and functionality will not be supported.</i>	

Software Components

Carbonite Code has the following installed components on the Start menu:

- Carbonite Status Monitor — manages all the services required for the switcher. Individual services can be stopped and started.
- License Tool — add or maintain software licenses for the switcher.



CARBONITE CODE

- Uninstall Carbonite Code — remove the switcher and supporting applications from the PC.
- USB Folder — simulates the USB drive that is used by Carbonite switchers to store media items and other system files.

Note: For best performance, do not install any additional third party software applications onto the system, aside from the NDI® Tools and DashBoard. Third party software applications that did not come pre-installed on your system can place demands on system resources that may negatively impact real-time audio/video processing resulting in performance degradation in recording and/or playback. Install third party application at your own risk.

To Install Carbonite Code

The installation wizard will help you install the software on your PC.

Note: If you are using your own hardware, ensure that your USB Licenses Dongle is installed in the PC before installing the software. The switcher software will try to detect the dongle when it starts the application.

1. Launch the CarboniteCode-x64 installer on the PC you want to run the switcher and follow the onscreen instructions.



2. Review the **End User Licensing Agreement (EULA)**, select **I accept the agreement** and click **Next**.
3. Enter a **User Name** and **Organization** and click **Next**.
4. Select where you want the application to be installed and click **Next**.
You can either accept the default location or click **Browse** and select a new location.
5. Ensure that all the Carbonite Code components are selected and click **Next**.

6. Enter a name for the folder on the **Start Menu** that you want to use for the application and click **Next**.
7. Click **Install**.

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