

# SCOPE Application v7

## Release Notes Build 1705

Thank you very much for using Sonic Core SCOPE v7. This document contains important information about compatibility, installation and known issues related to the release.

### 1. What is new in SCOPE Application v7?

One of the main points we have focused on in SCOPE v7 is compatibility and optimizations related to **Windows 10**. The Hardware Driver, ASIO and DSP system layers have been adapted and improved, as well as the resource management. For SCOPE XITE, you now can find a Properties Page at the Driver Settings (Windows Device Manager) which only was available for SCOPE PCI boards before. It allows you to configure Wave Devices, Output Buffering and more.

**New Appearance:** The Application user interface as well as Mixers, Effects, Tools, Message Boxes and cursors have been revised.

**New Plug-Ins** coming with SCOPE v7: SC-Channel M, SC-Channel S, SC-Autogate, SC-Brickwall EQ (see the Effects menu), Quad Space Shepard Generator QSSG (see the Plug-Ins menu), Arpeg02 (see the Synths menu), MINIMAX v7 (Drone and Unison Mode), Lightwave v7 (Drone and Unison Mode)

**Updated Plug-Ins / Bug fixing:** ControlRoom, SB404, GateSEQ1 Modular Module, MasterVerb, Masterb Classic, E-Reflector, Miniscope, Miniscope MK2

**Application / Bug fixing:** If you are used to work with SCOPE you will find a lot of minor bug fixes and improvements that will make the use of SCOPE more efficient and easier.

**Known Bugs:** (Dated Dec. 1st, 2017) STS Samplers can cause crashes on 64 Bit Windows systems. Wave In causes crackles. At this time not all of the known bugs might be fixed. We appreciate your feedback related to further development and bug fixing. Free Updates to SCOPE v7 will follow.

### 2. SCOPE v7 Compatibility

This Release replaces earlier versions SCOPE v5 and v5.1. It is compatible with SCOPE PCI-Boards and XITE-1 for PCs running Microsoft Windows including Version 10:

#### Hardware Compatibility

Sonic Core SCOPE XITE-1 and XITE-1D

Sonic Core 3-/6-/14- and 15 DSP SCOPE PCI Boards

Creamware Pulsar I / Pulsar II / Luna / Elektra / PowerSampler, SCOPE Professional / Project / Home

#### Microsoft Windows Compatibility

32- and 64- Bit Versions of Windows 10 / Windows 8 and 8.1 / Windows 7 / Windows XP (SP3)

### 3. Computer Recommendations

#### Configuration:

CPU: Intel i5 or i7

Mainboard: ASUS, Intel Chipset

RAM: 16 GB, Kingston

Graphics Card: Dual Head, 2 GB, passive, Nvidia GeForce or AMD Radeon

Hard Drive (System / Programs): 250 GB SSD

Hard Drive (Data): 2 TB, Western Digital (optional: RAID, mirrored)

Power Supply: 500 W, silent

DVD burner, internal

2 x TFT Screen, Resolution 1920 x 1200 (WUXGA)

Operating System: Microsoft Windows 7 or Windows 10

**In the PC BIOS**, deactivate these settings for optimization:

Intel EIST, Intel C State, C1E Support, Overspeed Protection, Hyperthreading, Execute Bit Support  
Set Limit CPUID MaxVal to 3 (less important), Intel Virtual Tech, Intel VT-d Tech

**In Windows**, set the energy save settings to maximum. Do not deactivate USB or PCI.

### 4. Before Installation

Microsoft Hardware Driver Certification now requires SHA256 signing algorithm that might not be known by your Windows yet and leads to Driver installation failure when running the SCOPE Setup.

**If you are using Windows XP**, the Service Pack 3 is required.

**If you are using Windows 7**, be sure you have the Security Update KB 3033929 installed. Turn on the Windows Update Feature to automatically install the Patch or download for manual installation:

Security Update for Windows 7 (32 Bit):

<https://www.microsoft.com/en-us/download/details.aspx?id=46017>

Security Update for Windows 7 (64 Bit):

<https://www.microsoft.com/en-us/download/details.aspx?id=46148>

**XTC / VST Mode installation** is not part of the SCOPE v7 Setup and will be provided as a separate Installer shortly.

**If you update from SCOPE v5.1 we recommend to make a backup** of your installation (default at Program Files/SCOPE PCI or SCOPE XITE) before installing SCOPE v7! Install SCOPE v7 either to the SCOPE v5.1 folder or to a new folder. The Setup process will not overwrite your presets or projects.

If SCOPE v7 is not provided with a DVD, please download the Setup file from the Sonic Core Server:  
[www.scope.zone/server](http://www.scope.zone/server)

## 5. After Installation

- Be sure to restart Windows after the Installation is complete
- Adding registration keys to SCOPE v7 can be done by just importing your keyfile.v5
- Check the Windows Sound Settings to assign the SCOPE Wave and MIDI Drivers
- SCOPE v7 should always started as Administrator to grant access to the system layer
- Enjoy your work with SCOPE v7

We thank you for using SCOPE v7!  
Your Sonic Core Team