

# ALLEN & HEATH®



# XONE:96®

PC SOFTWARE RELEASE NOTES

X96\_PCSRN\_v4430\_1

# DRIVER INSTALLATION (PC)

This release delivers Microsoft Windows® PC system, ASIO compatible, Device Driver support for **XONE:96**

Xone Product	<b>Xone:96</b>	
Device Driver (PC)	<b>X96_v4430.zip</b>	[XONE96_v4430.exe]
Supported OS:	Microsoft Windows®	7
	Microsoft Windows®	8
	Microsoft Windows®	10



## Installing XONE Device Software

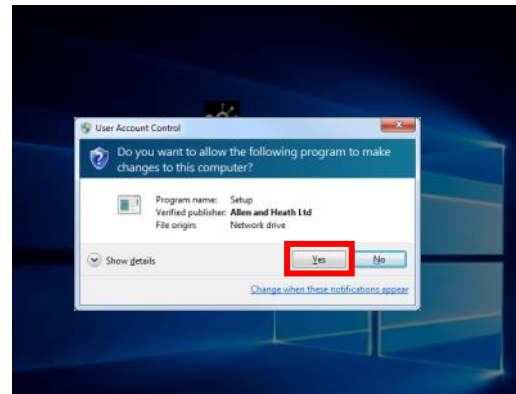
In order to access all internal dual-soundcard channels of the Xone:96 for use with Windows® PC, you will need to install the dedicated, ASIO® compatible, Device Drivers.

Check you have downloaded the current Device Software bundle, available for download from the Allen & Heath website: [www.allen-heath.com/xone96](http://www.allen-heath.com/xone96)

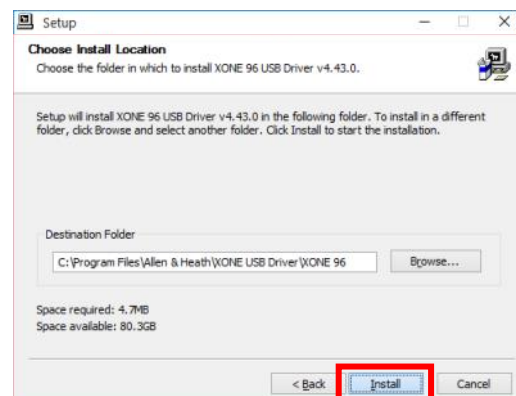
### PLEASE FOLLOW INSTALL INSTRUCTIONS CAREFULLY

**NOTE:** Please ensure you are logged on to the PC with Administrator access enabled

- When the driver package has downloaded, extract the installer to your computer desktop. Follow the on-screen instructions as detailed below:  
The installer will also prompt you through the steps necessary to install this software.
- Double-click on the **XONE:96 Driver Setup** file to begin.



- Click **Yes** on the User Account Control prompt to confirm and continue installation.
- Click **Next** to run the installer application.

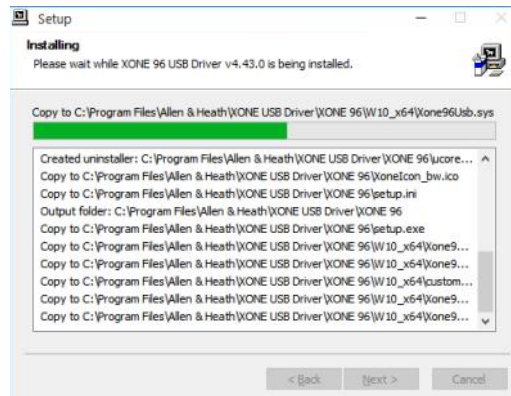
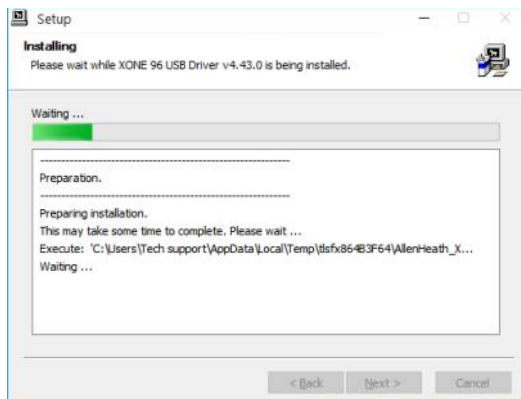


- Click on the **Install** tab to pre-install the Device Drivers to the default system folder. A series of messages will be displayed...

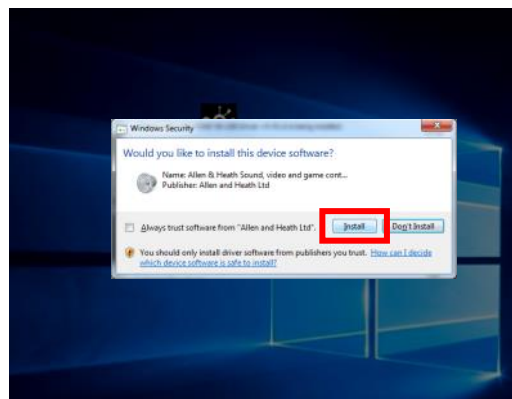
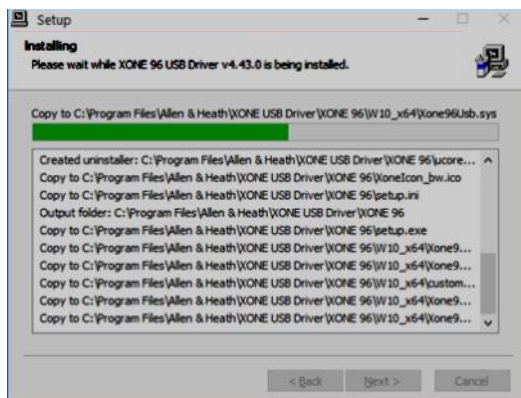
ASIO is a trademark and software of Steinberg Media Technologies GmbH

## DRIVER INSTALLATION (PC) continued

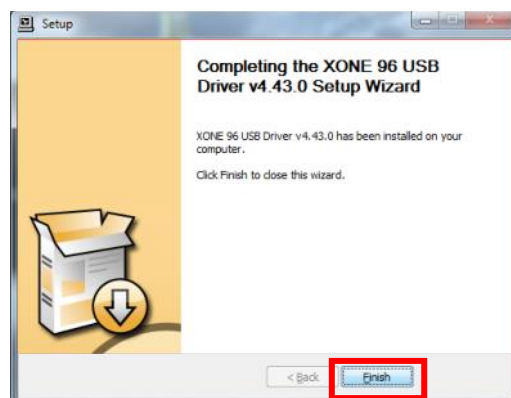
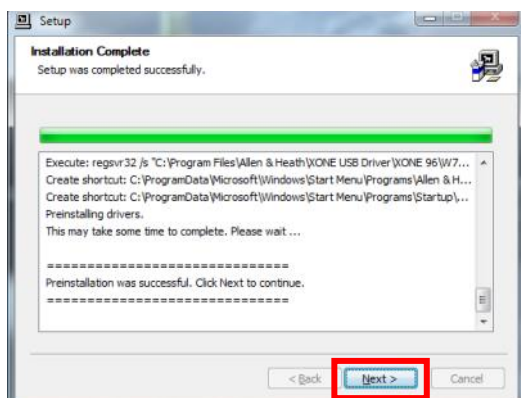
- This may take some time to complete.
- Please wait while XONE:96 v4.43.0 software is installed...



- Click **Install** if prompted to install *Allen&Heath Sound, video and game controllers* software.
- Click **Install** if prompted to install *Allen&Heath XONE:96 Audio Devices* software.



- Connect the XONE:96 mixer to your PC via the USB 1, or USB 2 port and power the unit **ON**\*



- Click **Next** to continue once the pre-installation process has completed.
- Click **Finish** to complete the Device Driver installation.

### NOTE:

It is possible to run the XONE:96 Device Driver pre-installation process without connecting the XONE:96 mixer to your computer.

In this case you will be prompted to “...disconnect and reconnect the device to complete driver installation.”

If the mixer cannot be connected, click **Yes** on the prompt to close the application.

To complete installation, connect the XONE:96 to your PC via USB, power the mixer **ON**.

Wait a few moments for the PC to enumerate the mixer before opening your software application.

# DEVICE CHECK (PC)

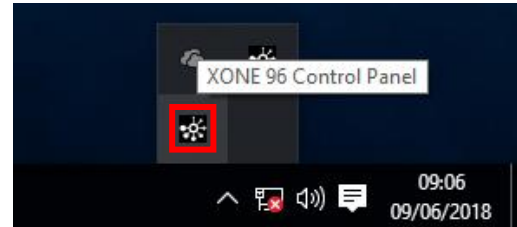
## Confirming Driver Installation and Hardware Device connection

Microsoft Windows®10

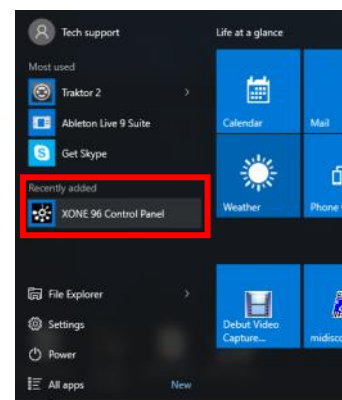
When first connecting the XONE:96 to a PC computer after the Device Drivers are installed, check the mixer is recognised correctly by the system before opening Digital DJ, or DAW, software application.

- Connect the XONE:96 to your PC via USB 1 or 2
- The corresponding USB 1/ 2 ACTIVE indicator illuminates BLUE when the mixer is powered ON.

- Click the **Show hidden icons** tab on the Taskbar
- Check XONE:96 Control Panel icon is displayed as shown

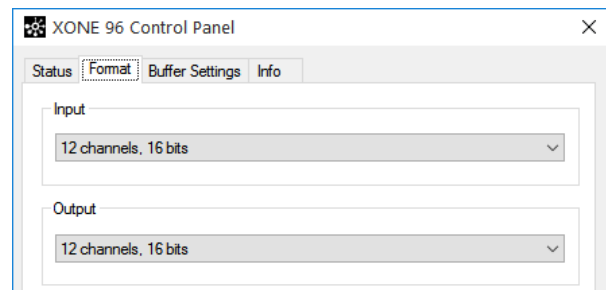


- Next, click on the Windows Start icon.
- The XONE:96 Control Panel icon should be displayed under **Recently added** apps



- Open the XONE 96 Control Panel

- Status view displays: XONE:96 USB 1 (or USB 2) and Current Sample Rate
- Format view Input and Output sections display: 12 channels and the currently selected bit depth.
- Sample Rate is selectable from 44.1 to 96kHz.
- Bit depth is selectable between 16bits and 32bits
- Device Settings can be adjusted as required to suit applications or host system's CPU capacity.
- See p.4 for details of supported buffer sizes.



- Next, open the Hardware Device Manager dialogue. Navigate to:

*START / Settings / Devices / Device Manager*

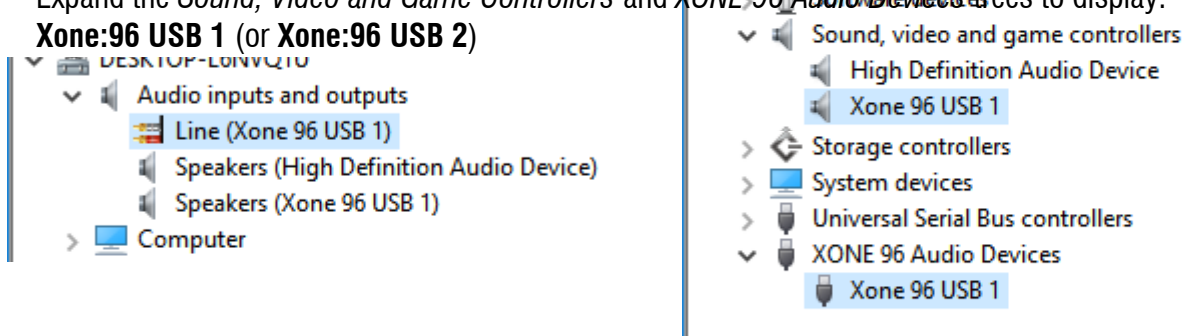
- With the Device Drivers for the internal soundcards correctly installed, XONE:96 is listed as a hardware device under three device trees.

- Expand (click on >) the *Audio inputs and outputs* tree to display:

**Line (Xone:96 USB n)** and **Speakers (Xone:96 USB n)**

- Expand the *Sound, Video and Game Controllers* and *XONE 96 Audio Devices* trees to display:

**Xone:96 USB 1 (or Xone:96 USB 2)**



# DUAL INTERNAL SOUND CARD, USB 1 - USB 2

## Digital Architecture (USB) Specification

Hi-Speed USB2.0 [USB B] | macOS Class Compliant | PC ASIO compatible [see p.2]

Analogue/Digital Line-up

0dBu = -14dBFS

Audio Channels:

2 x 24 Channel | 12 in / 12 out [6 x Stereo pairs]

USB Audio Inputs [USB 1 and USB 2]:

2 x 6: [CH 1- 4 | SEND1 | MST/SEND2]

USB Audio Outputs [USB 1 or USB 2]:

2 x 6: USB1 / USB2 [CH 1- 4 | CH A - D]

Supported Variable Buffer Sizes:

32 / 64 / 128 / 256 / 512 / 1024 / 2048 / 4096 / 8192 samples

Supported Sample Rates:

44.1 kHz / 48kHz / 88.2kHz / 96kHz

Supported Bit depth:

16 bit / 32 bit

USB MIDI Channels:

2 x MIDI IN / 2 x MIDI OUT [USB 1 and USB 2]

XONE:96 soundcard channels are arranged in stereo pairs and will be displayed in your chosen Digital DJ, or DAW, software as follows:

USB AUDIO ROUTING		
Mixer Channel outputs <i>to</i> Computer [USB1 and USB2]		
Soundcard Input	XONE:96 Outputs	DAW Input
USB 1 / USB 2_1	CH1 L (RIAA or LINE)	Ch 1 L
USB 1 / USB 2_2	CH1 R (RIAA or LINE)	Ch 1 R
USB 1 / USB 2_3	CH2 L (RIAA or LINE)	Ch 2 L
USB 1 / USB 2_4	CH2 R (RIAA or LINE)	Ch 2 R
USB 1 / USB 2_5	CH3 L (RIAA or LINE)	Ch 3 L
USB 1 / USB 2_6	CH3 R (RIAA or LINE)	Ch 3 R
USB 1 / USB 2_7	CH4 L (RIAA or LINE)	Ch 4 L
USB 1 / USB 2_8	CH4 R (RIAA or LINE)	Ch 4 R
USB 1 / USB 2_9	SEND 1 L (PRE or POST)	Send 1 L
USB 1 / USB 2_10	SEND 1 R (PRE or POST)	Send 1 R
USB 1 / USB 2_11	SEND 2 L or MST L	Send 2 L / MST L
USB 1 / USB 2_12	SEND 2 R or MST R	Send 2 R / MST R
Mixer Channel inputs <i>from</i> Computer [USB1 or USB2]		
Soundcard Output	XONE:96 Inputs	DAW Output
USB 1 / USB 2_1	CH 1 USB 1 or USB 2_L	Ch 1 L
USB 1 / USB 2_2	CH 1 USB 1 or USB 2_R	Ch 1 R
USB 1 / USB 2_3	CH 2 USB 1 or USB 2_L	Ch 2 L
USB 1 / USB 2_4	CH 2 USB 1 or USB 2_R	Ch 2 R
USB 1 / USB 2_5	CH 3 USB 1 or USB 2_L	Ch 3 L
USB 1 / USB 2_6	CH 3 USB 1 or USB 2_R	Ch 3 R
USB 1 / USB 2_7	CH 4 USB 1 or USB 2_L	Ch 4 L
USB 1 / USB 2_8	CH 4 USB 1 or USB 2_R	Ch 4 R
USB 1 / USB 2_9	CHA USB 1 or USB 2_L	Ch A L
USB 1 / USB 2_10	CHA USB 1 or USB 2_R	Ch A R
USB 1 / USB 2_11	CHB USB 1 or USB 2_L	Ch B L
USB 1 / USB 2_12	CHB USB 1 or USB 2_R	Ch B R

XONE:96 is also fully **Traktor Scratch Certified** so the internal soundcards bring support for DVS control of Native Instruments' flagship [TRAKTOR SCRATCH PRO](#) DJ software straight out of the box.

For details on configuring the XONE:96 for use with timecode and Traktor

Scratch; Please refer to p.30 of the XONE:96 User Guide (AP11645): [www.allen-heath.com/xone96](http://www.allen-heath.com/xone96)

