

ALLEN & HEATH®



Xone:96®

PC SOFTWARE RELEASE NOTES

X96_SRN_v467_1

DRIVER INSTALLATION (PC)

This release updates, ASIO compatible, Microsoft Windows® PC system Device Driver bundle for XONE:96

Xone Product	XONE:96	
Device Drivers	X96_v467_1	[X96_v467_1.exe]
Supported OS:	Microsoft Windows®	[Win10 Recommended*]



Refer to page 6 for details of software changes.

Installing XONE Device Software

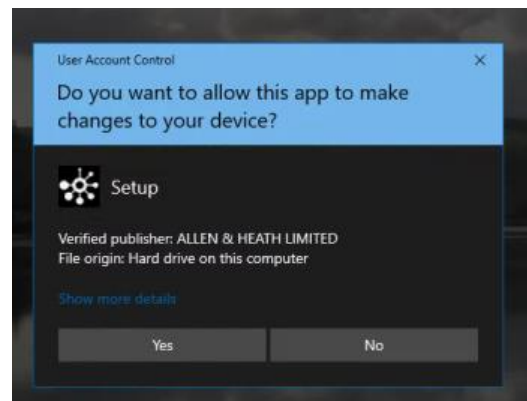
In order to access all internal dual-soundcard channels of the Xone:96 for use with Windows® PC, you will need to install the dedicated, ASIO® compatible, Device Drivers.

Check you have downloaded the current Device Software bundle, available from the Allen & Heath website: www.allen-heath.com/xone-software

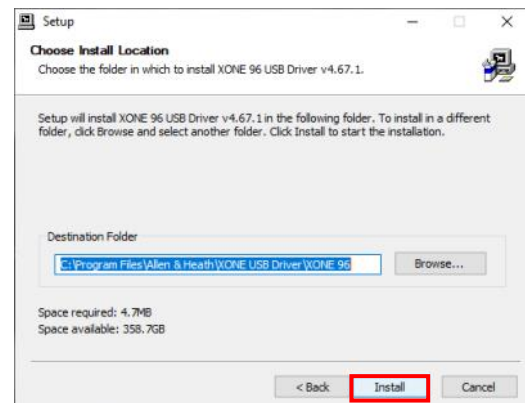
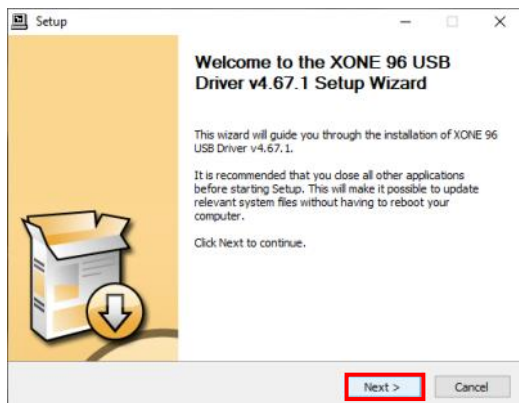
PLEASE FOLLOW INSTALL INSTRUCTIONS CAREFULLY

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 and overleaf. The installer will also guide you through the steps necessary to install this software.
- Double-click on the XONE:96 Driver Setup application X96_v467_1 to begin.



- Click **Yes** on the User Account Control if prompted to confirm and continue installation.
- Click **Next** to run the installer application. And to Confirm uninstallation if updating your drivers.



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

DRIVER INSTALLATION (PC): DEVICE CHECK

Confirming Driver Installation and Hardware Device connection

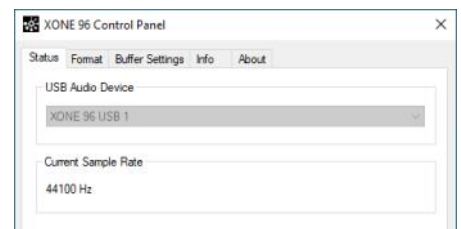
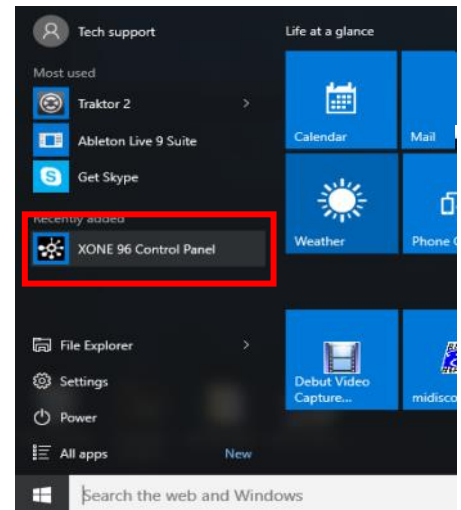
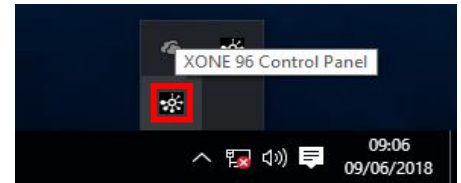
Microsoft Windows®10

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

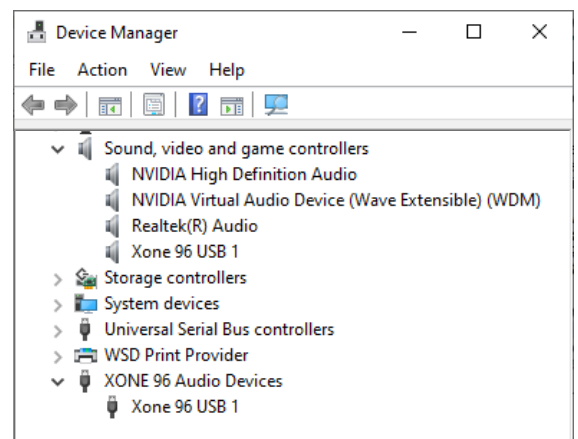
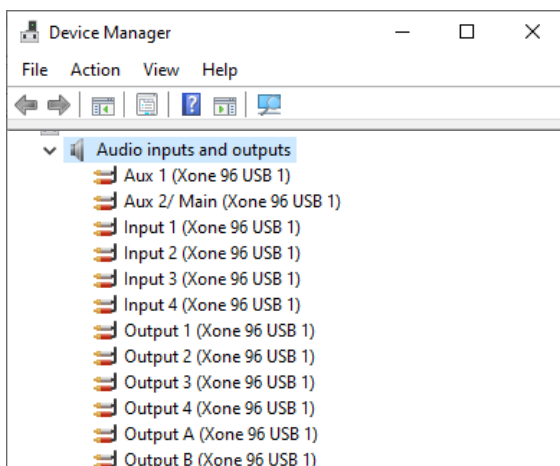
- Connect the XONE:96 to your PC via USB 1 or 2
The corresponding USB 1/ 2 ACTIVE indicator illuminates BLUE when the mixer is powered ON.
- Click the **Show hidden icons** tab on the Taskbar
- Check XONE:96 Control Panel icon is displayed

- 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.
Adjustment is implemented via DAW host audio prefs (ASIO), or system Sound dialogue (WDM)
- See p.5 for supported buffer sizes. See p.6 for updated WDM Audio options



- 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:
Aux 1 (Xone 96 USB n) + Aux 2/ Main Mix (Xone 96 USB n) + Input 1 - 4 (Xone 96 USB n)
and **Output 1 - 4 (Xone 96 USB n) + Output A - B (Xone 96 USB n)**
- Expand *Sound, Video and Game Controllers* and *XONE 96 Audio Devices* to display: **Xone 96 USB n**



DUAL INTERNAL SOUND CARD SPECIFICATIONS, 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 brings support for DVS control of Native Instruments' flagship **TRAKTOR PRO 3** DJ software straight out of the box.

For more details on configuring the XONE:96 for use with timecode and Traktor, please refer to p.30 of the XONE:96 User Guide (AP11645): www.allen-heath.com/xone96/



DEVICE SOFTWARE CHANGELOGS

Xone Product	Xone:96			
Device Drivers (PC)	X96_v467_1.zip	[X96_v467_1.exe]		
Supported OS:	Microsoft Windows®	[Win10 Recommended*]		
Operating System:	Compatible	Support Active		
Windows® 10	✓	✓	Updated	03/2021
Windows® 8.1	✓	✗		
Windows® 7	✓	✗		

Software changelogs:

Xone:96 Device Driver bundle. v4.67_1

- ✓ XONE96-27 **FIXED**: Bundle includes Xone96Dfu.exe, 1.0.2 Audio Firmware installer app.*
- 🔗 Refer to PC Software Release Notes [X96_WDSRN_2.pdf](#) for Audio Firmware information.
- ⓘ * NOTE: v1.0.2 Firmware is pre-installed in hardware above serial#: X96X - 894498

! Active support closed for legacy Microsoft Windows® Operating Systems.

- ⓘ * Windows10 is now recommended for all PC users.
- 🔗 For more information, please visit: <https://support.microsoft.com/>

Xone:96 Device Drivers. v4.67.0

- ⓘ Updates full ASIO support for Microsoft Windows® PC.
- ⓘ Implements new options for WDM Audio operation with all five (stereo) channels now displayed and selectable for WDM supported applications.
- ⓘ Playback and Recording default is CH1; **Output 1 (Xone 96 USB n) / Input 1 (Xone 96 USB n)**
- ⓘ To re-route USB audio via different soundcard channels for playback;
- 🔗 Go to: *Start > Settings > System > Sound. Output. Choose your output device*
- 🔗 Select the required channel for USB playback to the mixer:
eg: For USB playback with applications supporting WDM audio only via Xone:96 CH A
- 🔗 Select: **Output A (Xone 96 USB n)**
- 👉 Set the top panel **CH A** source select switch to the corresponding USB port (**USB 1** or **USB 2**)
- ⓘ To re-route USB audio via different soundcard channels for recording, VST-FX, etc;
- 🔗 Go to: *Start > Settings > System > Sound. Input. Choose your input device*
- 🔗 Select the required channel for USB output from the mixer:
eg: For USB recording with applications supporting WDM audio only;
- 🔗 Select: **Aux 2 / Main (Xone 96 USB n)**
- 👉 Set the top panel USB 11/12 switch UP to **MST**
- ⓘ Minor bug fixes and improvements

Known Issues:

- ✓ **FIXED**: XONE96-26: Clicks in Ableton Live 9 at high sample rates running Safe Mode
- ⓘ This is a local application issue. Please ensure your DAW software is up to date.

If you experience a problem installing Xone:96 Device Software, please contact
Allen&Heath Product Support <http://support.allen-heath.com>

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