ALLEN&HEATH®

✳XONE®:PX5

PC SOFTWARE RELEASE NOTES

XPX5_SRN_4670_2

DRIVER INSTALLATION (PC)

This release updates, ASIO compatible, Microsoft Windows® PC system Device Drivers for **XONE:PX5**

Xone Product	**Xone:PX5**
Device Driver (PC)	**XPX5_v4670.zip** [XPX5_v4670.exe]

Supported OS: Microsoft Windows®   11
                      Microsoft Windows®   10
Refer to page 6 for details of software changelogs.

Installing XONE Device Software

In order to access all internal dual-soundcard channels of the Xone:PX5 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/xonepx5

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:PX5 Driver Setup application, XPX5_v4670 to begin.
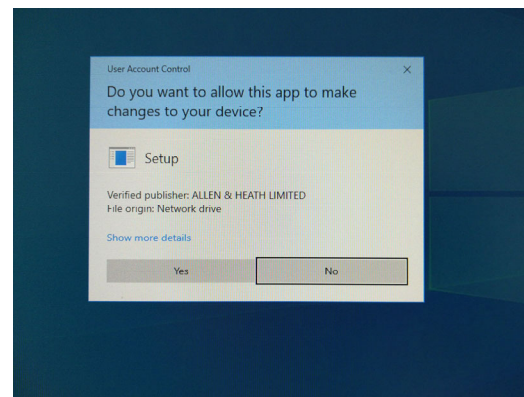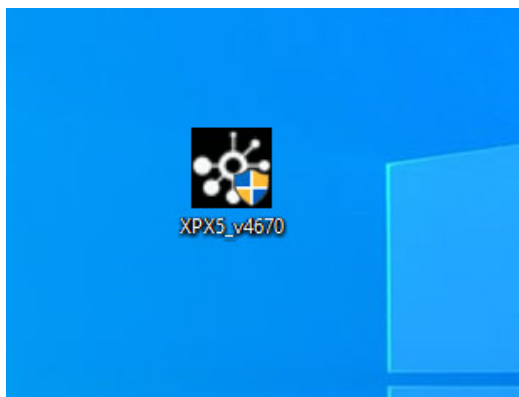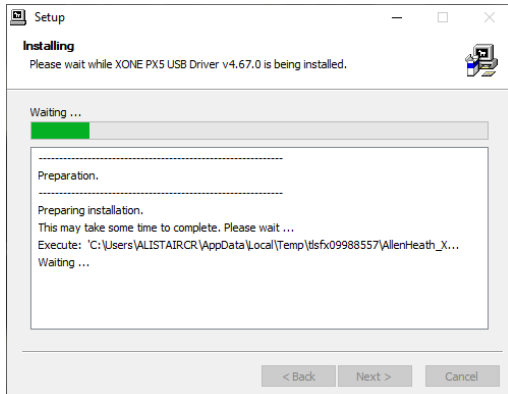
- Click **Yes** on the User Account Control prompt to confirm and continue installation.
- Click **Next** to run the installer application.
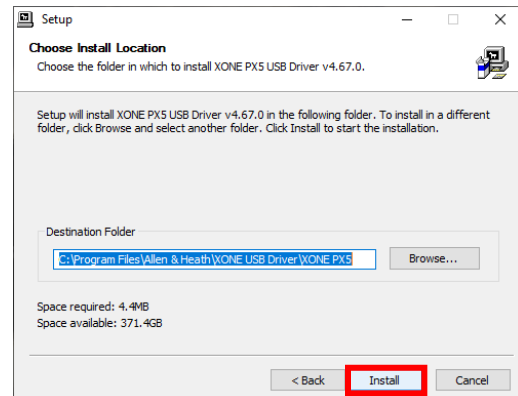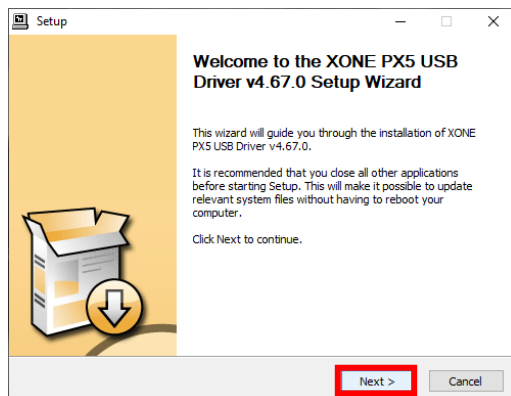
- Click on the **Install** tab to pre-install the Device Drivers to the default system folder.
 A series of messages will be displayed…

- *This may take some time to complete.*
- *Please wait while XONE:PX5 v4.67.0 software is installed…*
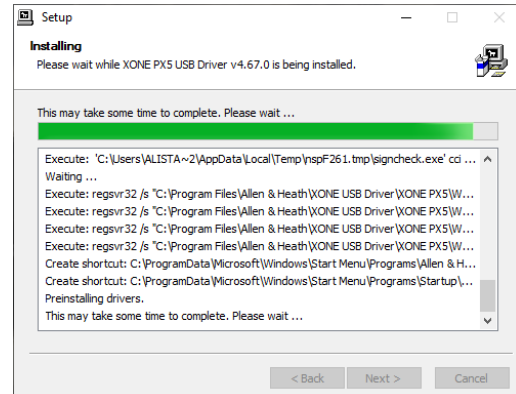
- Click **Install** If promoted to install *Allen&Heath Sound, video and game controllers* software.
- Click **Install** if prompted to install *Allen&Heath XONE:PX Audio Devices* software.
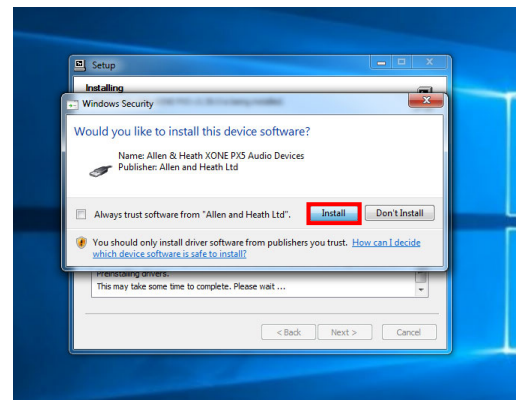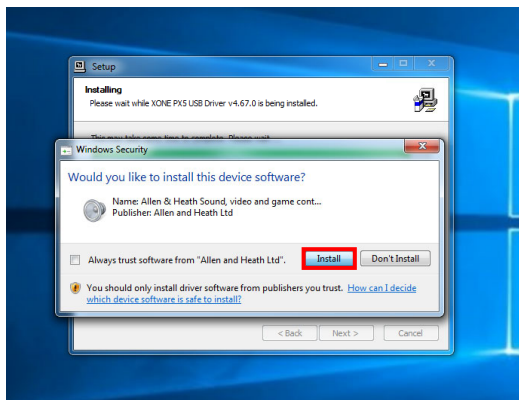
- Connect the XONE:PX5 mixer to your PC via the USB port and power the unit **ON***.
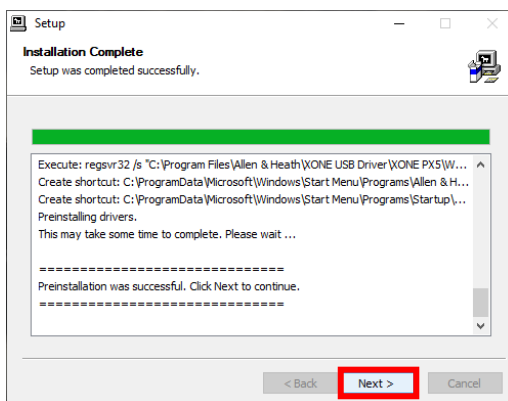
- Click **Next** to continue once the pre-installation process has completed.
- Click **Finish** to complete the Device Driver installation.

* **NOTE:**
It is possible to run the XONE:PX5 Device Driver pre-installation process without connecting the XONE:PX5 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:PX5 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.

### Confirming Driver Installation and Hardware Device connection

Microsoft Windows®
When first connecting the XONE:PX5 to a PC computer after the Device Drivers are installed, check the mixer is recognised correctly by the system before opening your Digital DJ, or DAW, software application.

- Connect the XONE:PX5 to your PC via USB
- Click the *Show hidden icons* tab on the Taskbar
- Check XONE:PX5 Control Panel icon is displayed
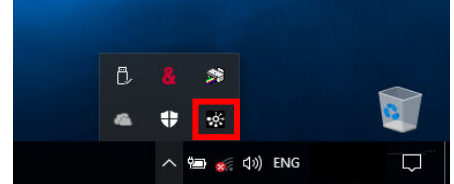
- Next, click on the Windows Start icon.
- The XONE:PX5 Control Panel icon should be displayed under *Recently added* apps
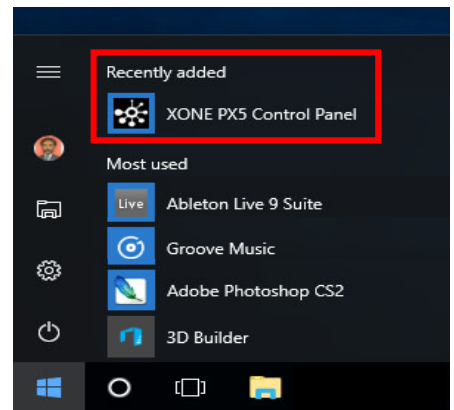
- Open the XONE PX5 Control Panel
- Status view displays: XONE:PX5 and Current Sample Rate
- Format view Input and Output sections display:
  10 channels and the currently selected bit depth.
- Sample Rate is selectable from 44.1 to 96kHz
- Bit depth is selectable between 16bits and 24bits
- Device Settings can be adjusted as required to suit applications,
  or system 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.
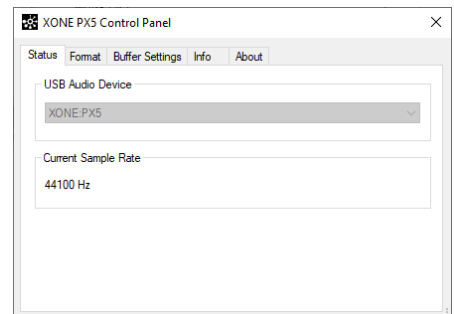
- Next, open the Hardware Device Manager dialogue. Navigate to:
  START / Settings / Devices / Device Manager
- With the Device Drivers for the internal soundcards correctly installed, XONE:PX5 is listed as a hardware device under three device trees.
- Expand (click on >) the *Audio inputs and outputs* tree to display five inputs and five outputs:
  Input 1 - 4 (XONE PX5) + **FX SEND/Main Mix (XONE PX5)** and **Output 1 - 4 (XONE PX5)** + **Output A (XONE PX5)**
- Expand the *Sound, video and game controllers* and *XONE:PX5 Audio Devices* trees to display: **XONE PX5**
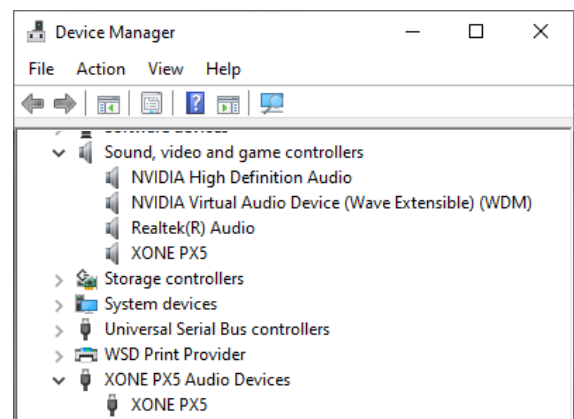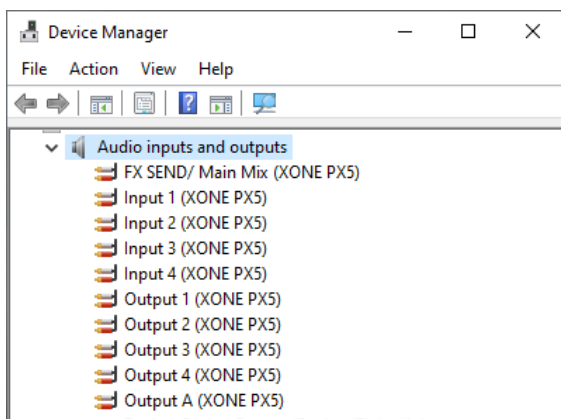
INTERNAL SOUNDCARD SPECIFICATIONS

Hi-Speed USB Soundcard - Default

The Xone:PX5 includes a 20 Channel (5 Stereo IN / 5 Stereo OUT), 24Bit/96kHz, Hi-Speed USB internal sound-card.

Mac USB Class Compliant CoreAudio CoreMIDI interface;
No Driver installation is required for operation with macOS.

USB Soundcard Specification

Channels:	20 Channel (5 Stereo IN / 5 Stereo OUT),
Supported Variable Buffer Sizes:	32 / 64 / 128 / 256 / 512 / 1024 / 2048 / 4096 / 8192 samples
Supported Sample Rates:	44.1 kHz / 48kHz / 88.2kHz / 96kHz
Bit depth:	24Bit
USB MIDI Ports:	1 x MIDI IN / 1 x MIDI OUT

XONE:PX5 soundcard channels are arranged in stereo pairs and will be displayed in your Digital DJ, or DAW software as follows:

DEFAULT USB AUDIO ROUTING		
Mixer Channel outputs *to* Computer		
Soundcard Input	Xone:PX5	DAW Software IP Option
USB_1	CH1 L (RIAA or LINE)_SND_L_1	Analogue 1
USB_2	CH1 R (RIAA or LINE)_SND_R_1	Analogue 2
USB_3	CH2 L (RIAA or LINE)_SND_L_2	Analogue 3
USB_4	CH2 R (RIAA or LINE)_SND_R_2	Analogue 4
USB_5	CH3 L (RIAA or LINE)_SND_L_3	Analogue 5
USB_6	CH3 R (RIAA or LINE)_SND_R_3	Analogue 6
USB_7	CH4 L (RIAA or LINE)_SND_L_4	Analogue 7
USB_8	CH4 R (RIAA or LINE)_SND_R_4	Analogue 8
USB_9	MASTER L or FXSEND_L_A	Analogue 9
USB_10	MASTER R or FXSEND_R_A	Analogue 10
Mixer Channel inputs *from* Computer		
Soundcard Output	Xone:PX5	DAW Software OP Option
USB_1	CH 1 L (USB)_RTN_L_1	Analogue 1
USB_2	CH 1 R (USB)_RTN_R_1	Analogue 2
USB_3	CH 2 L (USB)_RTN_L_2	Analogue 3
USB_4	CH 2 R (USB)_RTN_R_2	Analogue 4
USB_5	CH 3 L (USB)_RTN_L_3	Analogue 5
USB_6	CH 3 R (USB)_RTN_R_3	Analogue 6
USB_7	CH 4 L (USB)_RTN_L_4	Analogue 7
USB_8	CH 4 R (USB)_RTN_R_4	Analogue 8
USB_9	CH 5 L (USB)_RTN_L_A	Analogue 9
USB_10	CH 5 R (USB)_RTN_R_A	Analogue 10

XONE:PX5 is also fully **Traktor Scratch Certified** so the internal soundcard delivers support for DVS control of Native Instruments' flagship TRAKTOR PRO 3 DJ software straight out of the box.

For details on configuring XONE:PX5 for use with timecode and Traktor, please refer to p.37 of the XONE:PX5 User Guide (AP10733): www.allen-heath.com/xonepx5/

DEVICE SOFTWARE CHANGELOGS

Xone Product	Xone:PX5
Device Driver (PC)	XPX5_v4670.zip [XPX5_v4670.exe]

Operating System:	Compatible	Support Active		
Windows® 11	✔	✔	Updated	12/2021
Windows® 10	✔	✔		
Windows® 8.1	✔	✘		
Windows® 7	✔	✘		

Software changelogs:

Xone:PX5 Device Drivers. v4.6.70

- ✔ Windows®11 support is confirmed.
- ⓘ 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 CH1/2; **Output 1(XONE PX5)** / **Input 1(XONE PX5)**
- ⓘ 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 PX5 CHA;
- ✍ Select: **Output A (XONE PX5)**
- ☞ Set the top panel **CH A** source select switch to **USB**. Turn the **CH** switch ON
- ⓘ 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: **FX SEND / Main Mix (XONE PX5)**
- ☞ Set the rear panel USB 9/10 switch OUT to **MST**

- ! Direct support closed for legacy Microsoft Windows® Operating Systems
- ✍ For more information, please visit: https://support.microsoft.com/

- ⓘ Minor bug fixes and improvements

Known Issues:

- ⓘ FIFTYTHREC-84: Clicks in Ableton Live **9** at high sample rates
  Audible interruptions in the audio stream, manifest as 'clicks', when running Ableton Live **9** at high sample rates (88.2 and 96KHz), with XONE:PX5 **ASIO Buffer Size** set to *Auto* and **USB Streaming Mode** set to *Reliable*.
- ⓘ This is a local DAW software application issue; resolved as follows:
  In the XONE:PX5 Control Panel > Buffer Settings, adjust the **ASIO Buffer Size** to a fixed sample rate, compatible with the capacity of your computer's CPU.
  Where necessary, adjust or reset the **USB Streaming Mode** option.

If you experience any other problem when installing Xone:PX5 Device Software, please contact Allen&Heath Product Support http://support.allen-heath.com