



# Asus xonar u7 series User Manual

7.1 usb soundcard & head-phone amplifier



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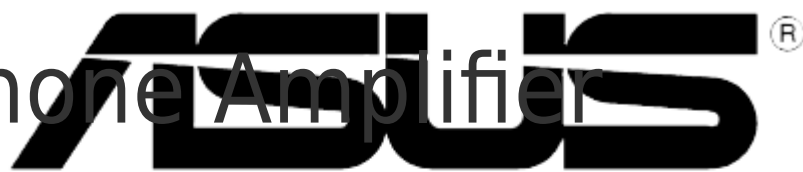




# Xonar U7<sup>®</sup>

## Series

# 7.1 USB Soundcard & Head- phone Amplifier



# User Manual

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7.1-channel usb audio card (119 pages)

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### [Amplifier Asus Essence STX II Quick Start Manual](#)

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## Summary of Contents for Asus xonar u7 series

### [Page 1: User Manual](#)

Xonar U7 Series 7.1 USB Soundcard & Head- phone Amplifier User Manual...

[Page 2](#) Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

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### [Page 4: Introduction](#)

Introduction Package contents Check your ASUS Xonar™ U7 audio card package for the following items: • ASUS Xonar U7 7.1-Channel USB Audio Card • Driver CD • S/PDIF TOSLINK optical adapter x 1 • Quick Start Guide • USB Cable x 1...

### [Page 5: General Specification](#)

Sample Rate and Resolution Analog Playback Sample Rate and Resolution Analog Recording Sample Rate and Resolution S/PDIF Digital Output Sample Rate and Resolution ASIO 2.0 Driver Support  
44.1K/48K/88.2K/96K/172.4K/192KHz @ 16/24bit Resolution Analog Playback Sample Rate and Resolution Analog Recording Sample Rate and Resolution S/PDIF Digital Output  
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44.1K/48K/88.2K/96K/172.4K/192KHz @ 16/24bit ASUS Xonar U7 User Manual...

[Page 6](#) Output volume knob/Output selection / Microphone Volume) Digital S/PDIF Output High-bandwidth coaxial port supports 192KHz/24bit with one S/PDIF TOSLINK optical adapter Driver Features Operating System Windows 10 / 8.1 / 8 / 7 / XP (32/64bit) ® ASUS Xonar U7 User Manual...

## [Page 7: Hardware Overview](#)

Hardware overview Xonar U7 Audio Card Top view Rear view Bottom view ASUS Xonar U7 User Manual...

[Page 8](#) The USB Audio 1.0/2.0 switch is located at the bottom side of the audio card. USB Audio 1.0 connections have the following limitations: • Only supports playback features. • 7.1 speakers, Headphone, Mic In / Line-In, and SPDIF-Out can only support sample rates of 44.1KHz/48KHz @16-bit. ASUS Xonar U7 User Manual...

## [Page 9: Driver Installation](#)

To install the device driver: Insert the ASUS Xonar U7 support CD into your optical drive. If Autorun is enabled, the ASUS Xonar Card Driver screen appears automatically. Go to step 4. If Autorun is not enabled on your computer, perform step 2.

## [Page 10: Uninstalling Or Reinstalling The Xonar U7 Driver](#)

6. Restart your computer when prompted. 3.2.2 Reinstalling the Xonar U7 Card Driver To reinstall the Xonar U7 card driver: 1. Uninstall the existing software or driver. 2. Follow the installation process to reinstall the driver. ASUS Xonar U7 User Manual...

## [Page 11: Connecting Speakers And Peripherals](#)

Connecting Speakers and Peripherals Input connection 4.1.1 Connecting to a USB 2.0 port on your computer Description Items Connects to your computer using a USB Type B-A USB Port lead. ASUS Xonar U7 User Manual...

[Page 12](#) 4.1.2 Connecting a digital audio system S/PDIF Items Description S/PDIF Output port Connect an AVR to this S/PDIF output port. ASUS Xonar U7 User Manual...

[Page 13](#) Connect the microphone's 3.5mm plug into this Mic in Line-In port port for voice communication, recording or karaoke. Connect the 3.5mm plug of the CD/MP3 Player or any other Line level analog audio sources into this Line-In port for sound recording. ASUS Xonar U7 User Manual...

## [Page 14: Output Connection](#)

Output connection 4.2.1 Connecting Stereo Headphones HP Out Mic In/Line In Items Description Headphone Out The Headphone Out port has a built-in high-quality Port amplifier to drive headphones. Connect your stereo headphones directly to this port. ASUS Xonar U7 User Manual...

[Page 15](#) Connects to the Center/Bass-channel 3.5mm plug of a Center/Subwoofer 5.1 channel pair of headphones. Out port Connects to the rear surround input plug of a 5.1 channel Rear Surround pair of headphones. Out port ASUS Xonar U7 User Manual...

[Page 16](#) Connects to the front right input port of 2 channel Front (R) Out port speakers using the RCA cable. Connects to the front left input port of 2 channel Front (L) Out port speakers using the RCA cable. ASUS Xonar U7 User Manual...

[Page 17](#) Front (R) Out port speakers. Connects to the front left input port of 4 channel Front (L) Out port speakers. Rear Surround Out Connects to the rear surround input port of 4 channel port speakers. ASUS Xonar U7 User Manual...

[Page 18](#) Front (L) Out port speakers. Connects to the Center and Subwoofer input ports of 5.1 Center/Subwoofer channel speakers. Out port Connects to the rear surround input port of 5.1 channel Rear Surround Out speakers. port ASUS Xonar U7 User Manual...

[Page 19](#) 7.1 channel speakers. port Connects to the Center/Subwoofer input port of 7.1 Center/Subwoofer channel speakers using the mini-jack cable. Out port Rear Surround Out

Connects to the rear surround input port of 7.1 channel speakers. port ASUS Xonar U7 User Manual...

### [Page 20: Software Utilities](#)

Sonic Studio comes with advanced sound algorithms and virtual surround effects to enhance your gaming and entertainment experience. For more details about using Sonic Studio, please refer to the Sonic Studio and Sonic Radar manual. ASUS Xonar U7 User Manual...

### [Page 21: Sonic Radar Overview](#)

- For more details about using Sonic Radar, please refer to the Sonic Studio and Sonic Radar manual.
- This feature is for Xonar U7 Echelon only. ASUS Xonar U7 User Manual...

### [Page 22: Dolby Home Theater V4](#)

- Intelligent Equalizer - Dolby Digital Output
- For details on features and settings, please refer to Dolby's official manual ® for Dolby Home Theater V4.
- This feature is for Xonar U7 Echelon only. ASUS Xonar U7 User Manual...

### [Page 23: Troubleshooting](#)

Control Panel and double click the Sonic Studio Pro icon to make it visible in the system tray again.

- After driver installation is complete, it's recommended that you reboot your computer to complete setup. If the icon still doesn't appear, please try reinstalling the driver package.

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[Page 24](#) AV receiver. For Dolby Digital or DTS output, check that the AV receiver is in the correct decoding mode.

- If you are using 192KHz PCM output, make sure that your decoder can support 192KHz decoding. Try changing it to 44.1K or 48KHz first.

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