

Asus Xonar U3 PLUS User Manual

Mobile headphone amp usb soundcard

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Summary of Contents for Asus Xonar U3 PLUS

Page 1: User Guide

Xonar U3 PLUS Mobile Headphone Amp USB Soundcard User Guide...

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

Page 3: Table Of Contents

Page 4: Notices

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. If you require assistance please call ASUS Customer Service 1300 2787 88 or visit us at http://support.asus.com...

Page 5: Safety Information

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Page 7: Package Contents

Package contents Check your ASUS Xonar U3 PLUS external USB audio card package for the following items: • ASUS Xonar U3 PLUS external USB audio card • S/PDIF TOSLINK optical

adapter x 1 • USB extension cable x1 • Driver / User Guide CD x 1 •...

Page 8 Audio Frequency Response Performance (-3dB, 24-bit/96kHz 20Hz to 20kHz input): Output/Input Full-Scale 1.7Vrms Voltage Headphone Impedance Optimized for $32 \sim 150\Omega$ S/PDIF optical adaptor x1, USB extension cable x1, Driver CD x1, Quick Accessories Start Guide x1 * Specifications are subject to change without notice. ASUS Xonar U3 PLUS...

Page 9: Card Installation

Driver installation After installing the Xonar U3 PLUS external USB audio card on your computer, you need to install the device driver that enables the Xonar U3 PLUS audio card to work with Windows operating system. The version and content of the support CD are subject to change without notice.

Page 10: Hardware Introduction

Hardware introduction Xonar U3 PLUS external USB audio card layout Light indicator Description Status Play music (not Mute) LED on Play music (Mute) LED off Idle (not Mute) LED on Idle (Mute) LED off Headphone & S/PDIF-Out port Mic & Line-in port...

Page 11: Connecting Speakers

For Digital Speakers SPDIF Out Plug the optical TOSLINK adapter into the S/PDIF-Out port. Then, connect your decoder's S/PDIF In port to the optical adapter with a TOSLINK optical cable. The TOSLINK optical cable is purchased separately. ASUS Xonar U3 PLUS...

Page 12 Connecting headphone / microphone Connecting Line-In audio sources ASUS Xonar U3 PLUS...

Page 13: Xonar U3 Plus Audio Center

After driver installation is complete and your computer has been rebooted, you will find the Xonar U3 PLUS Audio Center's icon in the system tray on the bottom right-hand corner of the screen. Double click this icon to open the Xonar U3 PLUS Audio Center utility.

Page 14 Settings Menu Panel Settings, Mixer/Volume, Effects, FlexBass, and Enhancer. To start using the Karaoke features of the Xonar U3 PLUS, plug in your microphone and click the Karaoke tab in the Xonar U3 PLUS Audio Center. Click the Mixer option and select "microphone".

Page 15: Xonar U3 Plus Audio Center Icon

Click this icon to display driver options. Double-click the icon Information icon to launch the Xonar U3 PLUS Audio Center. Click to restore Xonar U3 PLUS Audio Center application Restore window. Click to find out more about Audio Center version.

Page 16: Music Main Settings

S/PDIF output enables a single digital connection to carry S/PDIF Output high quality audio from your PC to digital speakers and AV receivers via PCM.* * PCM - Pulse Code Modulation is a typical raw audio data format. ASUS Xonar U3 PLUS...

Page 17: Mixer/Volume

Mixer/Volume The mixer page is designed to control the volume for playback and recording on the Xonar U3 PLUS. The Xonar U3 PLUS also provides a high-quality digital monitoring function for playing the recorded audio from the speakers. 8.4.1 Playback Volume...

Page 18 Displays the source name for each volume control slider: Source/Path Name Line-In: Recording from Line-In jack for external audio devices. MIC: Recording from MIC rear panel jack. Reset Click to reset all volume controls to the default settings. ASUS Xonar U3 PLUS...

Page 19: Effects

Clicking this button will apply the environment effect selected More options from the pull-down menu. 21 additional options are available in this menu. Three size settings are available for each environment: Environment size Large, Medium, and Small. ASUS Xonar U3 PLUS...

Page 20 Click the "+" button to add the defined parameters to the Add / save User Defined

list as a preset. Click the "-" button to delete a saved preset from the User Delete Defined list. ASUS Xonar U3 PLUS...

Page 21: Flexbass

Item Description Click this button to disable or enable all FlexBass functions. On/Off Select the speaker type connected to the Xonar U3 PLUS. Small/Large speaker option If your speaker type cannot handle low-frequency signals (bass), select "Small" speaker type. Xonar U3 PLUS will filter out the bass signals and send them to the subwoofer channel.

Page 22: Karaoke Main Settings

Higher crossover frequency values would result in reduced bass signals. Karaoke Main Settings To start using the Karaoke features of the Xonar U3 PLUS, plug in your microphone and click the Karaoke tab in the Xonar U3 PLUS Audio Center. Click the Mixer option and select "microphone".

<u>Page 23</u> Click dropdown box to select presets or switch to Manual Mode. Click this button to access advanced controls and customize Advanced Setting presets. Click this button to temporarily disable all sound effects to Bypass compare audio before and after sound effects are applied. ASUS Xonar U3 PLUS...

Page 24: Advanced Settings

Select check box if you intend to record music audio with Mix with Wave On your voice. Select check box to record the vocal only and it's possible Software Monitoring (StereoMix) to hear the background music. ASUS Xonar U3 PLUS...

<u>Page 25</u> Click edit to delete, rename, import, or export master preset. Edit Preset 8.7.3 HPF/LPF High Pass Filter affects frequency ranges below the set cutoff frequency. Low Pass Filter applies to frequency ranges above the set cutoff frequency. ASUS Xonar U3 PLUS...

<u>Page 26</u> The time that the volume of the background music returns to Release Time normal when the microphone stops detecting vocal. Adjusts the time that the background music will fade in or Fading Time out. ASUS Xonar U3 PLUS...

<u>Page 27</u> Click the dropdown box to view current preset parameters Preset or select Manual Mode to change parameters under the Advanced Settings Panel. Drag the slider up or down to change the gain of each Frequency Band frequency band. ASUS Xonar U3 PLUS...

<u>Page 28</u> Low diffusion represents irregular and grainy sound. Modal density in late reverbation decay. High density Density represents more natural sounding timber. Low density represents more hollow or "colored" space like the bathroom. Intensity level for room effect Room ASUS Xonar U3 PLUS...

Page 29: Mixer

The tool-tip displays percentage increments. Click this button to mute or unmute the audio channel. Mute/Unmute button Left and Right volume controls for each speaker/channel Source/Path Name Resets all volume controls to the default settings. Reset ASUS Xonar U3 PLUS...

<u>Page 30</u> The audio will be mixed into the streams from your PC and all DGP effects will be applied to both the source and the output. Click to reset all volume controls to the default settings. Reset ASUS Xonar U3 PLUS...

Page 31: Intensifier

8.9 Intensifier The Xonar U3 PLUS provides powerful features for karaoke, including Key-Shifting and Vocal Cancellation. Key-Shifting can change the pitch of the karaoke background music. Vocal Cancellation can reduce the original vocals in songs while retaining the music and symphony for karaoke.

Page 32: Troubleshooting And Faqs

The audio card driver could not be installed on my PC. Instructions: Make sure that you have properly plugged Xonar U3 PLUS into a USB port. Check that the Windows hardware device manager has discovered a USB audio device. If no device is found, try scanning for new

hardware or restart Windows.

Page 33 Q1: Does the Xonar U3 PLUS support Windows 7 / 8 / 8.1 / 10? Answer: Yes, the Xonar U3 PLUS driver package does support Windows 7 / 8 / 8.1 / 10 32/64-bit and most key features are available.

Page 34 The S/PDIF protocol specification (IEC-60958) can only carry 2-channel PCM data or non-PCM AC3/DTS data. So, when a user selects PCM output for S/PDIF, the Xonar sound card will always deliver 2 channel PCM data through the S/PDIF output port. ASUS Xonar U3 PLUS...