

AUDIOPROBE

Quick Start Guide

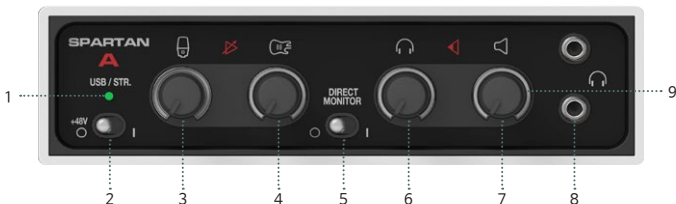
ENGLISH



PRIOR NOTICE

- Products features, specifications, system requirements, and availability are subject to change without prior notice.
- Latest information regarding device drivers and others can be found at www.audio-probe.com.

FRONT VIEW



1. LED Indicator USB Link/Stream If SPARTAN A is connected to a computer and communicates with the driver properly, the LED lights up as green (USB Link). The LED turns orange while carrying out communication between SPARTAN A and a computer. Do not unplug the SPARTAN A from the computer while the orange light is on.

2. +48V Phantom Power Switch When this switch is on, the XLR jack features +48V phantom power. Phantom power is used to power condenser microphones. Check your microphones specification.

3. Mic Input Gain Control Knob Adjust Microphone preamp gain by rotating this knob.

4. Instrument Input Gain Control Knob Adjust Instrument preamp gain by rotating this knob.

5. Direct Monitor Switch Turn on this switch to monitor input sources on outputs. Monitor mix is based on -3dB Pan Law.

6. Headphone Level Control Knob By rotating this knob you can adjust HP output level .

7. Line Output Level Control Knob By rotating this knob you can adjust Line Output level.

8. Headphones Connect your headphones on this connectors.

9. Signal Indicators The Signal Indicators of all channels allow you to check input and output signal status easily. Brightness-controlled Green light turns on according to intended signal level. Red light turns on when a signal reaches to peak level on input channels. An excess signal beyond 0dBFS is totally distorted in digital recording domain. Make sure that input level does not exceed 0dBFS in your recording software.

REAR VIEW



- 1. Line Output(Balanced)** Connect balanced connectors for active speakers and mixers.
- 2. Instrument Input** This Hi-Z input preamp that has been designed especially for connecting a passive pickup system directly.
- 3. Microphone Input** Connect a microphone. When using a condenser microphone, turn on +48V switch to power the microphone.
- 4. MIDI Input and Output** Standard MIDI In/Out connectors.
- 5. USB High Speed Connector** Connect properly to USB2.0 or USB3.0 Host port according to the installation guide.



WARNING

When turning on and off +48V switch, a loud noise may be occurred. It may damage connected speakers or headphones as well as especially your valuable ears.

Before you operate the +48V switch, Set [DIRECT MONITOR] to [OFF]. Also decrease the input gain and output level by rotating the knob.

SOFTWARE PANEL - SETTINGS



LATENCY

LATENCY is a small time delay which is needed on your computer to work with the audio signals that come in and go out. By reconfiguring this, you may record with shorter time delay. But shorter latency needs more processing power of your computer. If you experience problems like clicks, pops and noises, use larger latency for stable operation.

SAMPLE RATE

•SET BY HOST APPLICATION If this is checked, Sample Rate of SPARTAN A is set automatically by host applications (e.g. Pro Tools, Cubase, Studio One). Otherwise, Sample Rate may be set manually.

RESET TO DEFAULTS Software Panel goes to their default value by pushing this button.

CAPTURE PROBE™ [Windows only]

'CAPTURE PROBE'™ is a unique tool for capturing internal audio signals without signal loss. By default, only PHYSICAL INPUTs are routed to logical Input of computer. You can find a detailed knowledge base on our website for practical use of CAPTURE PROBE.

•PHYSICAL INPUT CAPTURE

You can assign physical signals to logical inputs. '+' button allows you to mix by mono.

L	+	R	Physical Inputs and Logical Inputs
Off	Off	Off	All physical inputs off.
Off	Off	On	Right(Instrument) Physical Input → Right Logical Input
Off	On	Off	N/A
Off	On	On	Right Physical Input → Left and Right Logical Input
On	Off	Off	Left(Mic) Physical Input → Left Logical Input
On	Off	On	Left Physical Input → Left Logical Input Right Physical Input → Right Logical Input (Default)
On	On	Off	Left Physical Input → Left and Right Logical Input
On	On	On	Mix signal of Left and Right Physical Input → Left and Right Logical Input

•WDM PLAYBACK CAPTURE

If you check this, all WDM (e.g. Windows Media Player, iTunes) output streams are copied and mixed to assigned input streams.

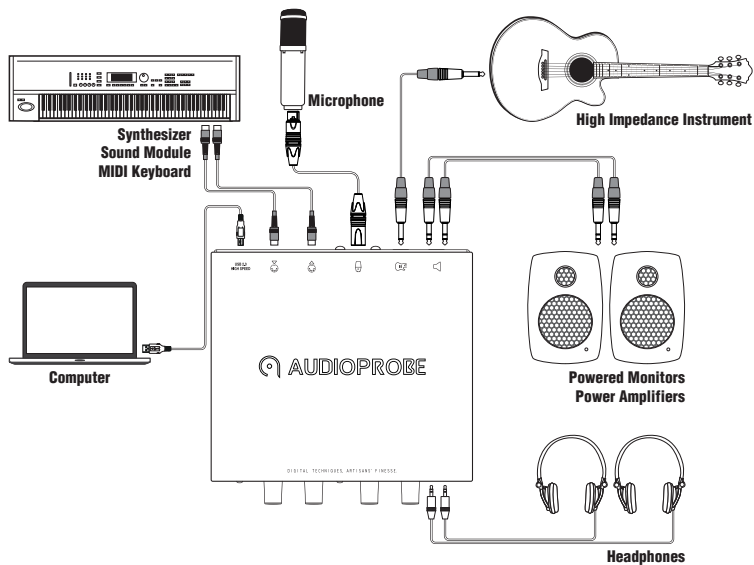
•ASIO PLAYBACK CAPTURE

If you check this, all AISO (e.g. Pro Tools, Cubase, Studio One) output streams are copied and mixed to assigned input streams.



A logical input mixes all enabled audio resources. Therefore you should be careful for the mixed input level not to exceed 0dBFS in recording applications.

SETUP EXAMPLE



©2014 AUDIOPROBE Inc. All rights reserved. AUDIOPROBE® and SPARTAN™ are either trademarks or registered trademarks of AUDIOPROBE Inc. All other trademarks contained herein are the property of their respective owners.

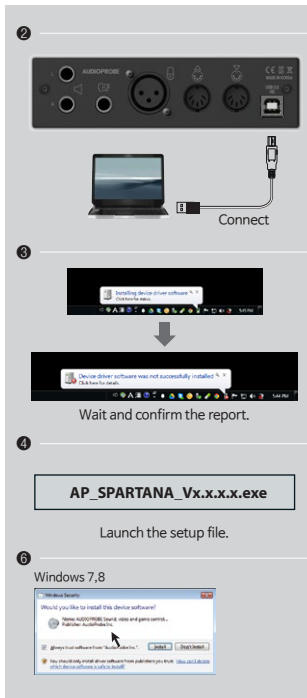
INSTALLING SPARTAN A

Microsoft Windows

1. Download the latest driver software from www.audio-probe.com.
2. Connect SPARTAN A to your computer via USB cable prior to launching software installation.
3. Wait until Windows reports *'Device driver software was not successfully installed.'*
4. Now double-click the file to start the installation process.
5. Follow the driver installer's on-screen instructions.
6. During the process, you may be notified that whether the program you wish to run is a trusted application- Click **'Install'** to proceed with the installation.
7. Once the installation is complete, click **'Finish'**.
8. You may see a green light(USB Link) on the front panel of SPARTAN A, which means that SPARTAN A is being connected to the computer properly.
9. Click the icon  on system tray and make sure that **'DEVICE CONNECTION'** light is on, which is located on the bottom of the control panel.
10. SPARTAN A is now ready to use.



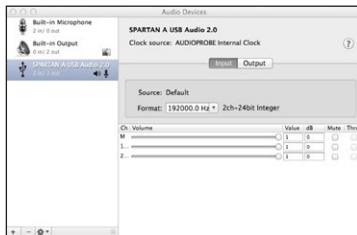
If you re-run the setup file, the driver will be removed.





Mac OS X

OS X (10.6.1 or later) natively supports USB Audio Class 2.0 device with very low latency. Connect SPARTAN A to your Mac via USB cable. You can control the SPARTAN A on '**Audio/MIDI Control Panel**' on your Mac system.



Additional Information and Support

We recommend checking AUDIOPROBE website regularly for driver updates and additional information. (www.audio-probe.com) Alternatively, email us at support@audio-probe.com.

Warranty / Product Registration

AUDIOPROBE warrants its products to be free from defects in materials and workmanship, under normal use and provided that the product is owned by the original purchaser, registered user. Visit our website for terms and limitations applying to your specific product. Registering your new product entitles you to full warranty coverage. Register online at www.audio-probe.com to receive free product updates and more.