HORIZON 16

Quick Start Guide V1.1

AUDIENT

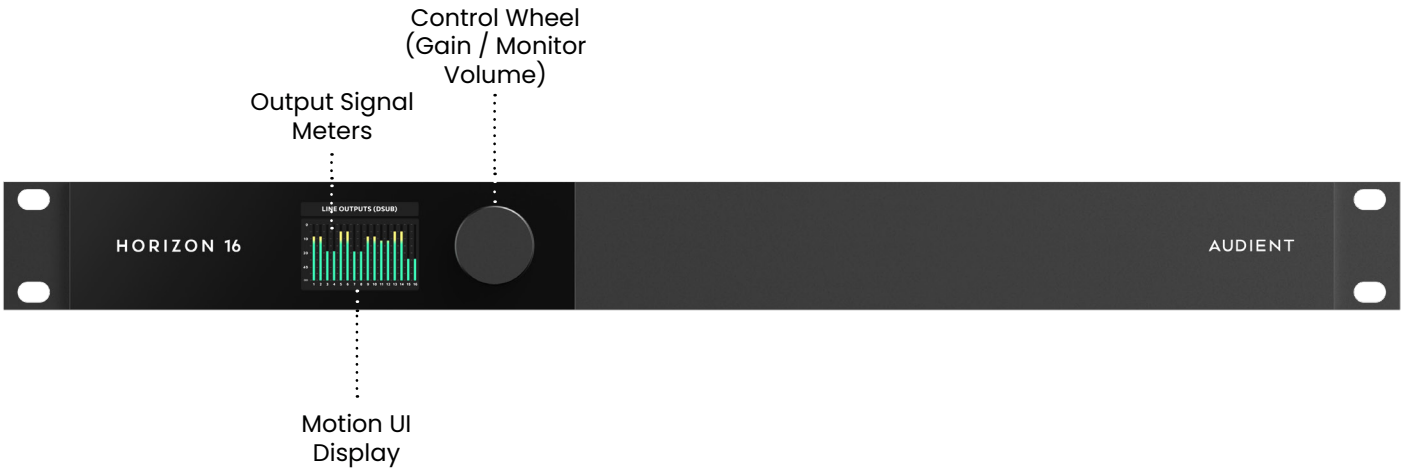
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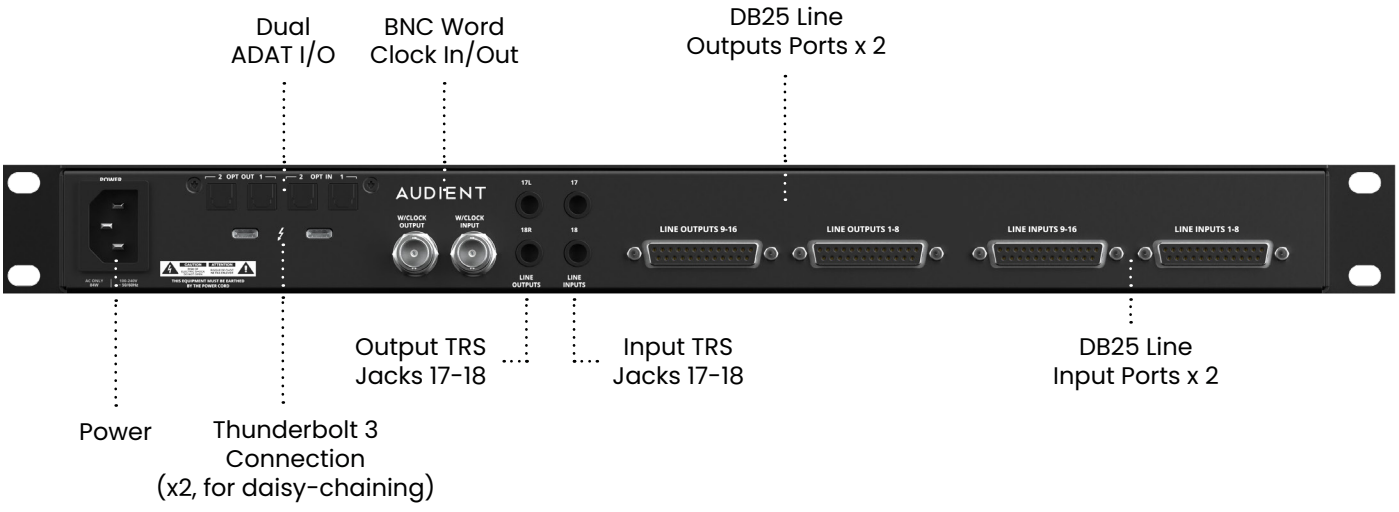
Welcome to your new Audient Horizon 16 Audio Interface

Please read this quick guide to help get you started. For more information on operating your Horizon 16, please download the full user manual from:

audient.com/horizon16/downloads

You can also visit our Help Desk at https://support.audient.com
for FAQ's and further guides on setting up your interface.





Thunderbolt Connection

What's in the box

Your Horizon 16 is supplied with an IEC power cable only. A Thunderbolt cable is not included, as cable length and specification needs vary from user to user.

Choosing a Cable

Horizon interfaces use the Thunderbolt 3 standard and cannot be used with a regular USB-C cable, look for the Thunderbolt logo on the cable to guarantee compatibility. Horizon is also compatible with Thunderbolt 4 and 5 cables as these are backwards compatible.



Look for this logo on any cable before connecting it to Horizon.

Daisy-Chaining Multiple Units

1. Connect the Horizon device closest to your computer directly to one of the computer's Thunderbolt ports.

2. Connect the second Thunderbolt port on this first Horizon device to a Thunderbolt port on the second Horizon device.

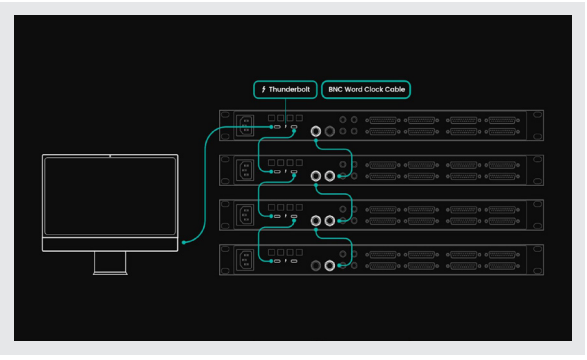
3. Repeat this pattern in a daisy-chain up to a maximum of four Horizon devices. It doesn't matter which port is used on each unit, as long as every device is connected in the chain. Connecting Horizon units to separate Thunderbolt ports on the host computer is unsupported.

4. Starting from the Word Clock output of the primary device, chain 75Ohm BNC cables to the next device's Word Clock input. Repeat for all devices in the chain.

Please note: daisy changing devices requires a BNC connection between devices to avoid sample clock issues.

5. Power on each Horizon device at the mains. If a connection isn't detected, or a device becomes disconnected, the Motion UI display will show a screen indicating a valid Thunderbolt connection is needed.

6. It is also possible for you to attach each device to your host computer if you choose. This will also require clocking the devices via BNC wordclock cables.



It doesn't matter which Thunderbolt port is used on each unit, as long as every device is connected in the chain.

Driver Installation

MacOS

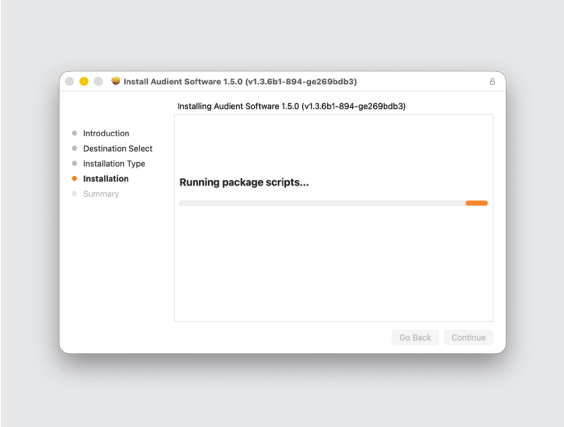
1. Horizon 16 is a MacOS-only product. Head to the Audient Resource Center (ARC) and register your device. This unlocks the latest software, drivers, tutorials, and exclusive plugins, plus notifications when updates are released.

2. Once registered, download the latest Horizon Control software any time from the 'My Products' page.

3. Open the downloaded file and the Installer will start, now follow the on-screen steps which will guide you through the process.

4. To open the software, navigate to your Applications folder and open Horizon Control and the software window will appear.

5. Open System Preferences > Sound and select Audient Horizon as your Input and Output device. By default, your Mac's audio will output on Virtual outputs 1 and 2, and inputs 1 and 2 will be selected for use with the operating system.



Once installed, Horizon Control will run in the background. Click the Horizon icon in the menu bar to open the mixer and access settings.

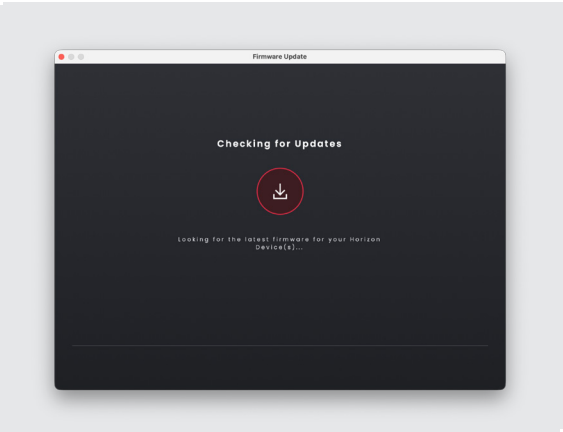
System requirements:

- macOS 14 (Sonoma) or Later
- Intel CPU or Apple Silicon
- 8GB RAM Minimum

Firmware Update

1. You may be asked to run a firmware update the first time you open Horizon Control.

2. Simply follow the on-screen instructions to complete the update before using Horizon, to ensure it's running the latest version.



Your setup is now complete and Horizon 16 is ready to configure.

Setting Up Horizon 16

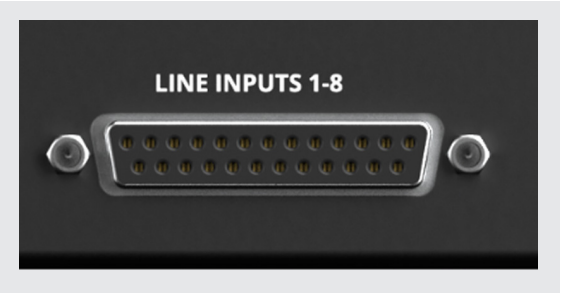
Output Configuration

1. Plug in your speakers to the output TRS jacks, or via a breakout cable connected to the DB25 port labelled ‘Output 1-8’, connecting outputs 1 and 2 to your speakers.

2. The outputs used for the Main Monitor mix can be defined in the Horizon Control software, see the Horizon Control Software Overview video on our YouTube channel for a detailed walkthrough.

3. With Horizon set as your sound device, play audio from your computer (from a DAW or music app) and confirm you see a signal on Horizon's meters and hear playback.

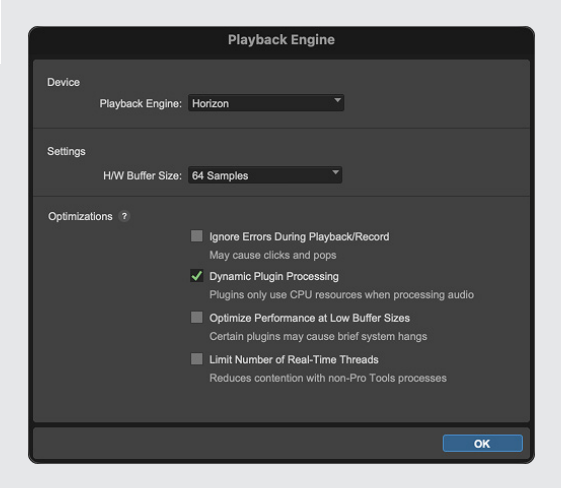
4. Your speakers and headphones may need configuring to use the Master Mix or Cue Mixes, depending on your choice of outputs.



See the Horizon Control Software Overview video for setting up Master Mix and Cue Mixes.

DAW Setup

When using a DAW, set the software's audio system to use Horizon via CoreAudio on macOS. Support videos for several popular DAWs are available on the Audient YouTube channel, otherwise consult your DAW's manual for setup instructions.



Your speakers or headphones may need configuring to use the Master Mix or Cue Mixes, depending on your chosen outputs.

Input Configuration

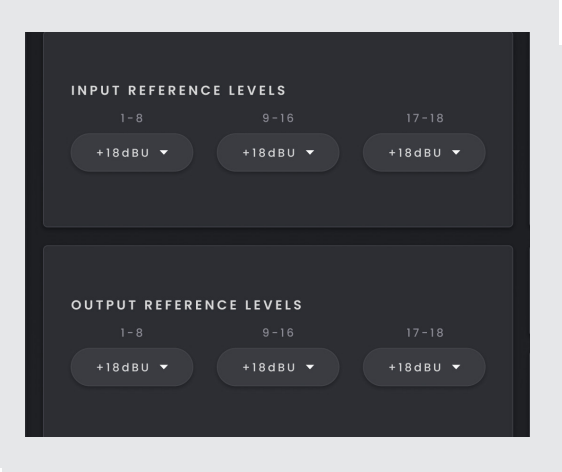
1. Horizon 16's DSub line inputs have no gain controls, as these are direct line inputs to ultra-clean conversion, make sure gain and level are set appropriately on your external preamps or outboard equipment.

2. You can change Horizon's calibration level between +18dBu and +24dBu, this control is found in the Horizon Control software's settings menu and this is set for each bank of 8 channels.

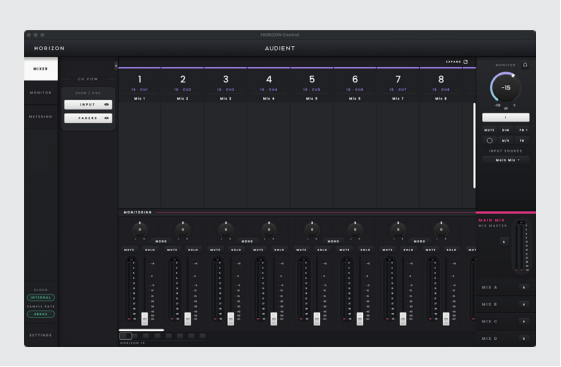
3. To check your input levels, look in your audio software, or open Horizon Control and navigate to the Mixer tab on the left.

4. The top section of the Mixer page shows the input controls for Horizon, for Horizon 16, this is where you can enter custom channel names.

5. Below, in the monitoring section, you can see the level of the input channels in the Horizon Mixer tab. This section is purely for audio routing and monitoring, and does not affect the levels being recorded in your DAW, it's the gain set on your external preamps that determines what's recorded.



Set the calibration level to match the sweet spot of your external preamps and outboard gear.



Select the correct input on a new channel in your DAW, and you're ready to record.

Note: the monitoring section of the Horizon Mixer controls audio routing and monitoring only, and does not affect what's recorded in your DAW. The input section is what impacts the recorded signal.

Horizon Monitoring

1. For ultra-low latency monitoring, turn up any input fader in the Horizon Control Mixer to hear a direct copy of your inputs in your speakers or headphones. Your computer's audio appears on Virtual 1 and 2 by default, and can be reduced or muted the same way.

2. These faders control direct monitoring paths only, they don't affect mic preamp gain or the levels recorded in your DAW.

3. Many DAWs default to monitoring through their main mix output. If you're also monitoring the same channel in Horizon Control, you'll hear a doubling effect as the signal passes through two paths. Disable your DAW's input monitoring, or mute the channel in Horizon Control, to fix this.



For more detail, see the Horizon Control Software Overview video and the DAW-specific videos on the Audient YouTube channel.

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