

**SubZero**  
BASE-1-MANUAL-  
A5-D1 Audio  
Interface Pack



# SubZero BASE-1-MANUAL-A5-D1 Audio Interface Pack User Manual

[Home](#) » [SUBZERO](#) » SubZero BASE-1-MANUAL-A5-D1 Audio Interface Pack User Manual 

## Contents

- [1 SubZero BASE-1-MANUAL-A5-D1 Audio Interface Pack](#)
- [2 BOX CONTENTS](#)
- [3 PRODUCT FEATURES](#)
- [4 AI1 FUNCTIONS](#)
- [5 SZ-MH1 FUNCTIONS](#)
- [6 Frequency Response](#)
- [7 SZC-1 FUNCTIONS](#)
- [8 SPECIFICATIONS](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)

**SubZero**

**SubZero BASE-1-MANUAL-A5-D1 Audio Interface Pack**



## **WARNING!**

Do not open cover. No user-serviceable parts inside. Refer servicing to qualified service personnel. Do not place the product in a location near a heat source such as a radiator, or in an area subject to direct sunlight, excessive dust, mechanical vibration or shock. The product must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product. No naked flame sources, such as lighted candles, should be placed on the product. Allow adequate air circulation and avoid obstructing vents (if present) to prevent internal heat build-up. The ventilation must not be impeded by covering the appliance with items such as newspapers, table-cloths, curtains etc.

## **INTRODUCTION**

Thank you for purchasing the SubZero BASE1 Audio Interface Pack. To get the most out of your products, please read this manual carefully.

## **BOX CONTENTS**

- 1x SZ-AI1 Audio Interface
- 1x SZC-1 Condenser Microphone With Desktop Stand
- 1x SZ-MH1 Monitoring Headphones
- 1x USB C Cable
- 1x XLR Cable
- 1x User Manual

## **PRODUCT FEATURES**

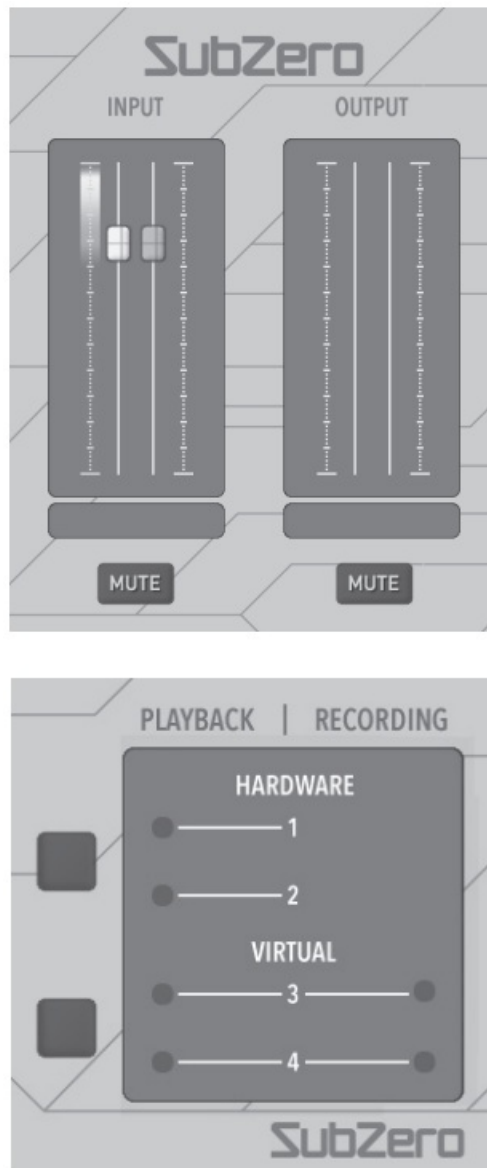
- Record effortlessly with a simple setup.
- Monitor your recordings in high quality with the SZ-MH1 Monitoring Headphones
- Capture every detail with the SZC-1 Condenser Microphone

## **GETTING STARTED**

To start using the AI1, connect it to your computer using the included USB cable. The LEDs around the gain knobs will light up to show that the audio interface is powered on. Connect headphones to the headphone port on the

front or using the line outputs on the back to connect the interface to studio monitor speakers. The AI1 does not require any drivers to be used (plug-and-play), however you can download a control-panel application on our website.

The driver also provides virtual audio channels and loopback functionality. This makes it possible to mix and record internal audio signals from various audio applications.



### **MICROPHONE INPUT**

To connect a microphone to the AI1, you will need a standard XLR cable. Simply connect the microphone to the mic input on the front panel and, if your microphone is a condenser, switch on the +48v Phantom Power via the button on the top of the interface.

### **HI-Z/LINE INPUT**

The SubZero AI1 also features a Hi-Z/line input. To record an instrument such as an electric guitar, bass or keyboard, this input will need to be set to Hi-Z via the button on the top of the interface. To record a line signal such as an external music player or digital recorder, the input will need to be set to Line via the button on the top of the interface.

To record using this input, simply connect the output of your instrument or device to the input of the interface using a standard jack cable.

### **INPUT MONITORING**

Enable the Direct Monitoring switch to be able to listen to incoming signals as well as the output of your DAW.

## RECORDING AND PLAYBACK

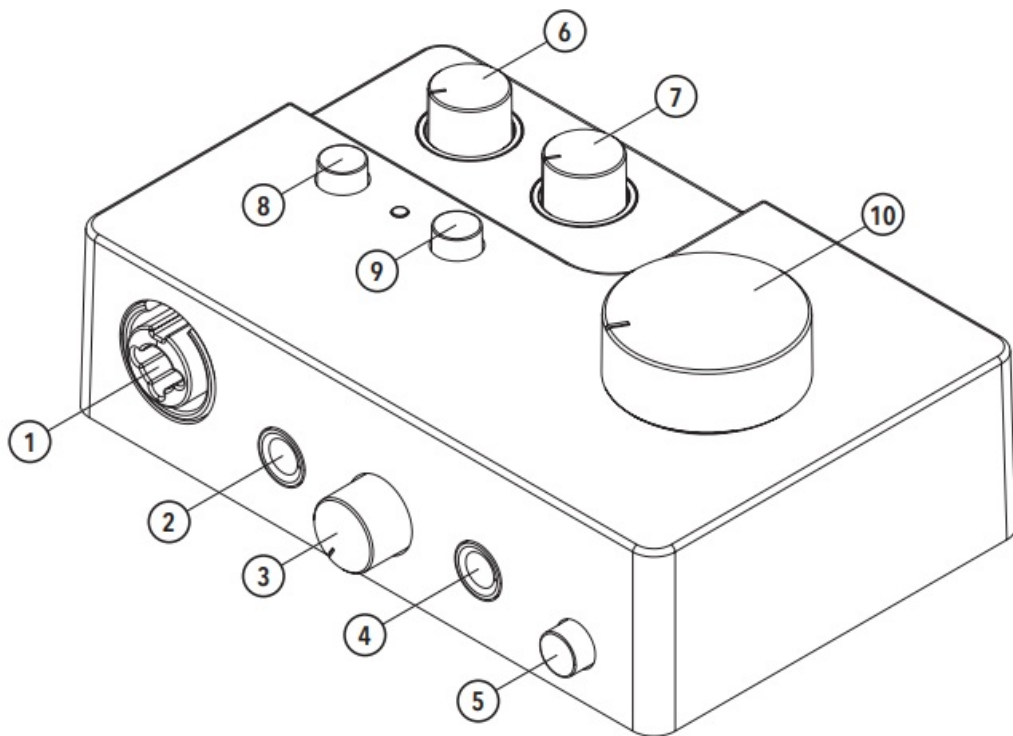
In your DAW, remember to check that the input and output devices are set to SZ-AI1 and enable input monitoring on your selected channel. Adjust the Gain knob on the interface until the level going into your DAW is high enough without clipping. The LEDs around the gain knobs will indicate the strength of the signal. When the light is off, it is likely that the input is too low or there is no signal. When it turns green, the signal level is useable. Orange usually indicates an optimal level and red means that the level is too high (i.e. the signal clips) and the gain has to be reduced.

For monitoring, adjust the headphone or volume knob on the interface until the output level is loud enough without being uncomfortable.

**WARNING:** Prolonged exposure to loud volumes can result in hearing loss. Take caution when adjusting input and output levels.

## AI1 FUNCTIONS

### FRONT / TOP



#### 1. Mic/Line Input 1

Use this input to connect XLR devices such as microphones (at mic level) or TRS Jack devices such as synths (at line level).

#### 2. Line/Hi-Z Input 2

Use this input to connect TRS devices such as synths or guitars.

#### 3. Headphone Gain

Adjust this knob to control the headphone volume output.

#### 4. Headphone Input

Use this output to connect your headphones.

#### 5. Monitor

Use this button to toggle direct monitoring, allowing you to listen to your input signal with near zero latency.

#### 6. **Input 1 Gain**

Use this knob to set the gain for Mic/Line Input 1.

#### 7. **Input 2 Gain**

Use this knob to set the gain for Line/HI-Z Input 2.

#### 8. **+48V**

Use this button to apply phantom power when connecting a condenser microphone to input 1.

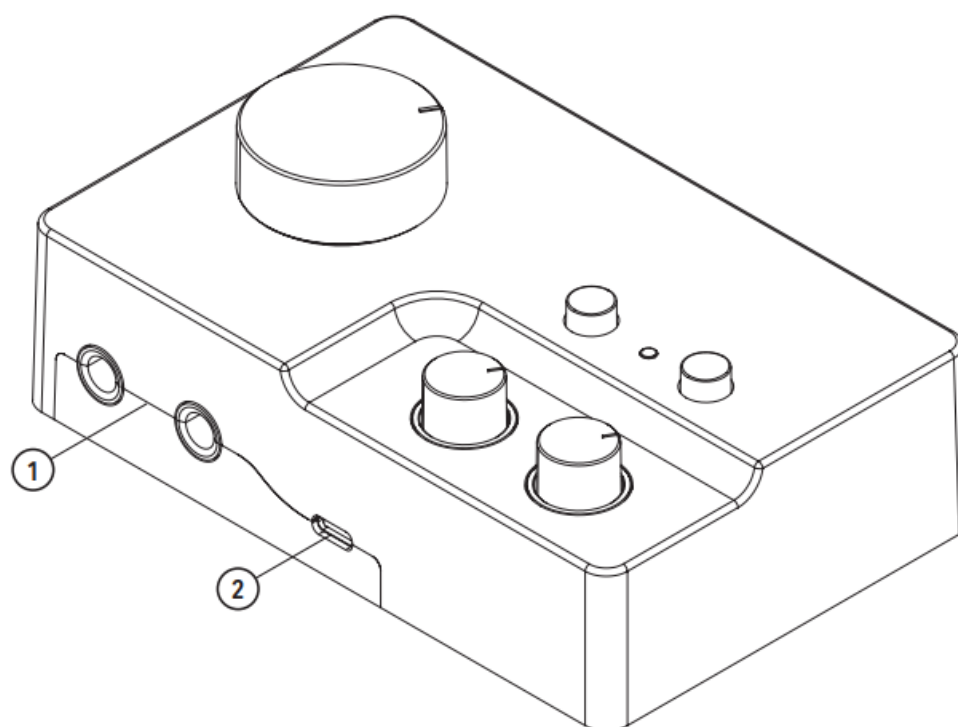
#### 9. **Line On/Off**

Use this button to toggle between Line and HI-Z inputs on Input 2.

#### 10. **Volume**

Use this knob to adjust the master output volume.

### **REAR**



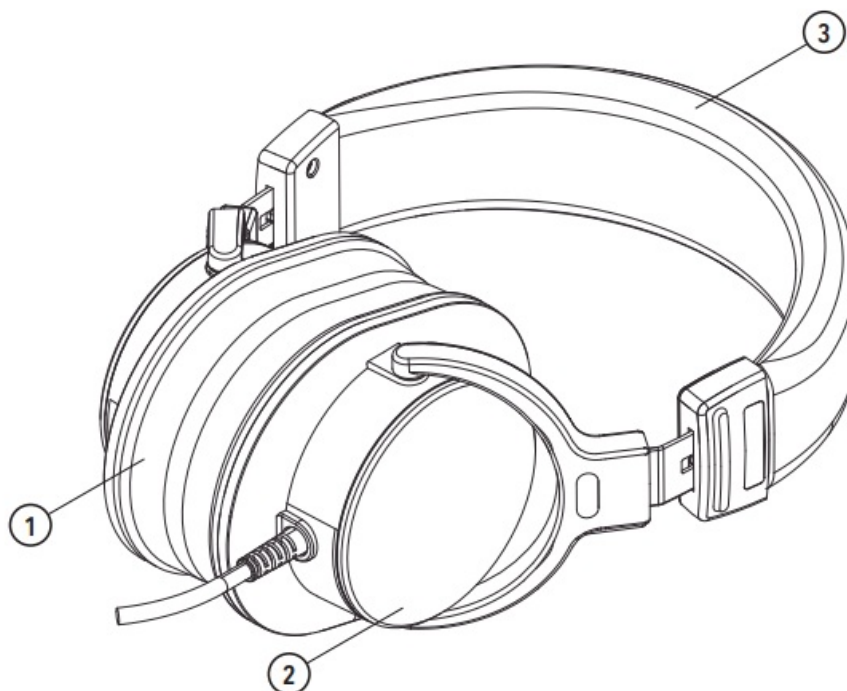
#### 1. **Left/Right Outputs**

Use this output to connect to your studio monitors.

#### 2. **USB C**

Use this port to connect the AI1 to your computer via the supplied USB C cable.

### **SZ-MH1 FUNCTIONS**



### 1. Ear cups

Padded for comfort during extended listening sessions.

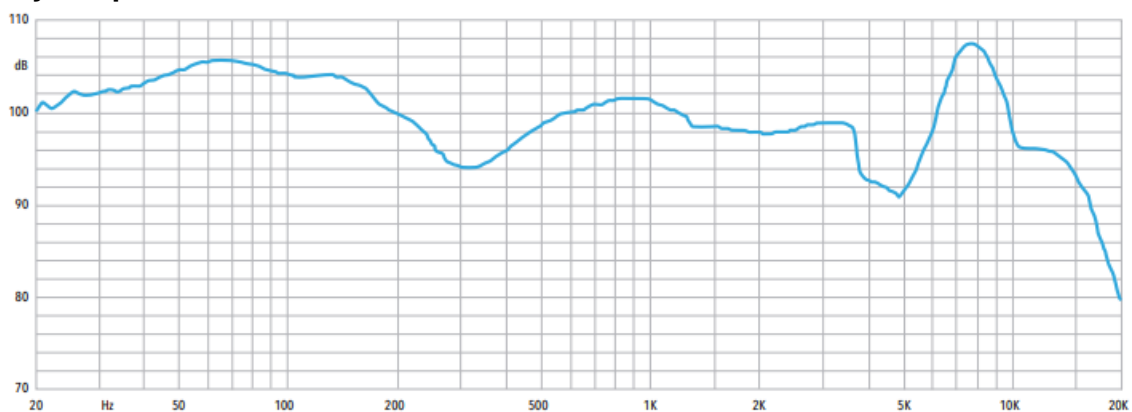
### 2. Closed back design

Provides a tight, focussed sound.

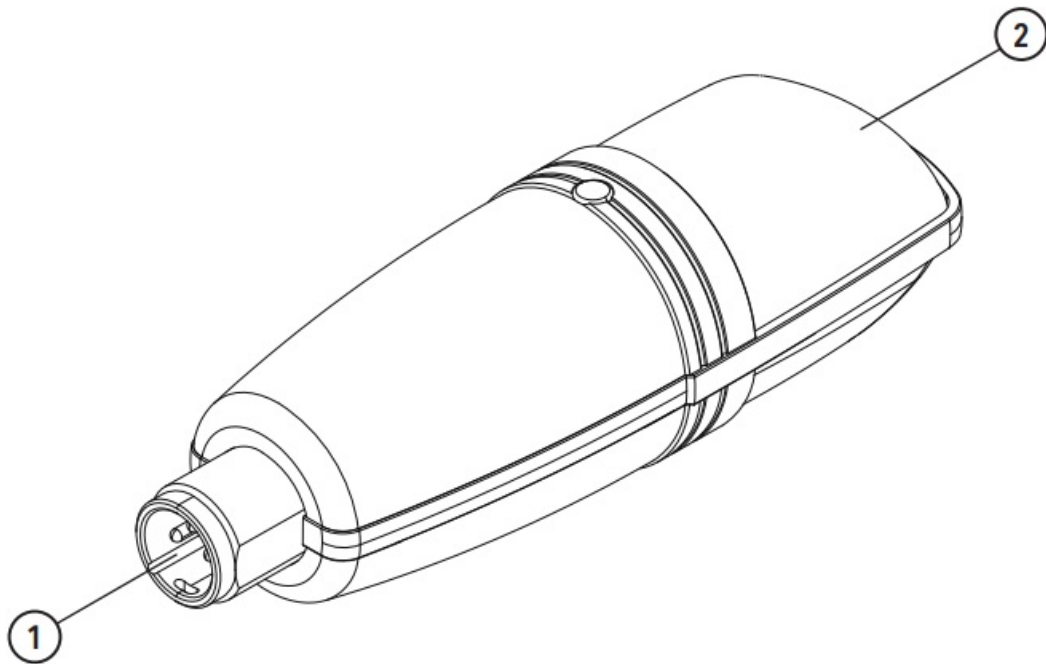
### 3. Head strap

Adjustable for a perfect fit

## Frequency Response



## SZC-1 FUNCTIONS

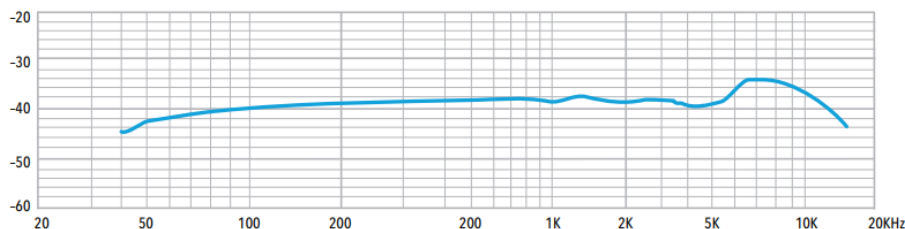


### 1. XLR port

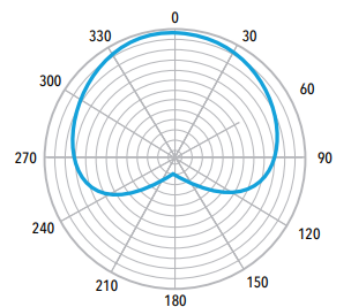
Connect your XLR cable here.

### 2. Capsule

Aim the grille at your sound source to capture every detail.



Frequency Response



Uni-directional  
(at 1kHz)

## SPECIFICATIONS

### SZ-A11

- **Inputs:** ..... 2
- **Input 1:** ..... XLR/TRS Combination Input
- **Input 2:** ..... 6.35mm TRS Jack Input
- **Frequency Response:** ..... 20Hz – 20kHz
- **Impedance:** ..... 10kOhm line input, 3.3kOhm microphone input, 500kOhm HI-Z input
- **Max Input Level:** ..... +20dBu line input, +4dBu microphone input, +12dBu HI-Z input
- **Phantom Power:** ..... +48v Switchable (channel 1 only)
- **Output:** ..... Type 2 x TRS

- **Max Out Level:**..... +4dBu
- **Bit Depth:**..... Max 24-bit / 96kHz
- **ADC Dynamic Range:**..... 102dBA@48kHz
- **DAC Dynamic Range:**..... 108dBA@48kHz
- **Power Requirements:**..... USB Type C (bus powered via computer)
- **System Requirements:**..... PC – Windows/Vista/7/8/8.1 or 10 (32 or 64 bit), Mac – OSX 10.7 or higher

## Dimensions

- **(H x W x D mm):**..... 35 x 135 x 87 mm
- **Weight:**..... 0.25kg

## SZ-MH1

- **Driver Diameter:**..... 50mm
- **Impedance:**..... 32Ω
- **Sensitivity:**..... 95dB +/- 3dB
- **Frequency Response:**..... 15Hz – 25kHz
- **Max Power:**..... 1200mW

## SZC-1

- **Element:**..... Back Eletret Condenser
- **Polar Pattern:**..... Uni-directional
- **Frequency Response:**..... 30Hz – 18kHz
- **Sensitivity:**..... -38dB±2dB (0dB=1V/Pa at 1kHz)
- **Output Impedance:**..... 150Ω +/- 30% (at 1kHz)
- **Max SPL:**..... 134dB (at 1kHz ≤1% T.H.D)
- **Equivalent Noise Level:**..... 19dB A
- **Signal to noise ratio:**..... 75dB
- **Phantom power required:**... +48v

[WWW.GEAR4MUSIC.COM](http://WWW.GEAR4MUSIC.COM)

KETTLESTRING LANE

YORK

YO30 4XF

UNITED KINGDOM

LAHNSTRASSE 27

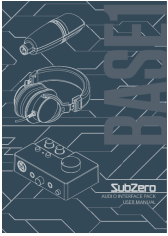
45478 MÜLHEIM AN DER RUHR

DEUTSCHLAND

If you have any more questions about this product, please do not hesitate to contact the Gear4music Customer Service Team on: +44 (0) 330 365 4444 or [info@gear4music.com](mailto:info@gear4music.com)

## Documents / Resources





[SubZero BASE-1-MANUAL-A5-D1 Audio Interface Pack \[pdf\] User Manual](#)  
BASE-1-MANUAL-A5-D1 Audio Interface Pack, BASE-1-MANUAL-A5-D1, Audio Interface Pack,  
Interface Pack, Pack

## References

- [User Manual](#)

### Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.