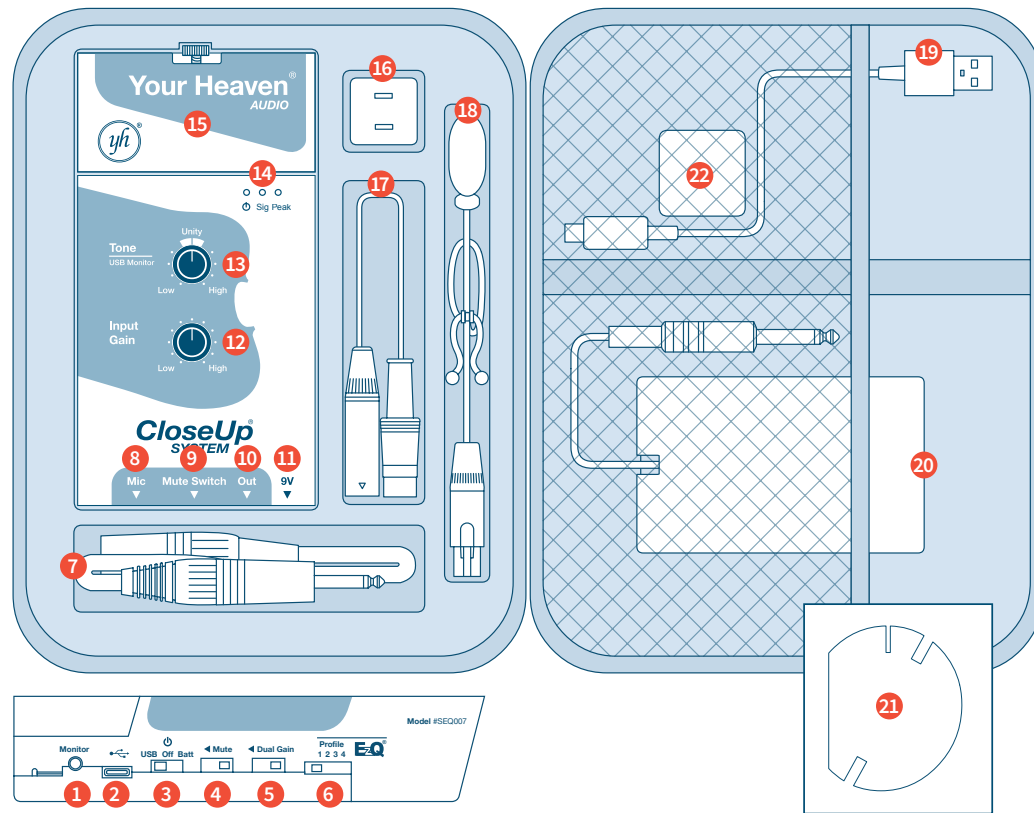




THE **CloseUp**[®] System USER GUIDE



Like a studio-grade mic, the CloseUp® System delivers a sound that is true to the acoustic tone of your instrument. The sound isolation the CloseUp® System provides allows for clear studio sound while playing live with a band.

GETTING STARTED Download the Profiling Software from: yourheaven.net/closeup-downloads

- 1 Monitor Button** p. 36
Access to advanced monitoring features.
- 2 USB Connector** p. 29
Where the USB cable is plugged in.
- 3 Power Switch** p. 25
Turns the CloseUp® System on. Has 3 positions (USB, Off/9V Cable, Battery).
- 4 Mute Switch** p. 25
Mutes both audio from the mic input and USB audio playback from the computer.
- 5 Dual Gain Switch** p. 25
We recommend leaving this switch **off**. Performs advanced features.
- 6 Profile Switch** p. 25
Switches between the 4 custom or universal profiles installed on your system.
- 7 1/4" to XLR cable** p. 17
An adapter cable that allows you to connect the CloseUp® system to an XLR input (including mixers, DI's and stage snakes.)
- 8 Mic Input** p. 27
Where the microphone extension cable is plugged in.
- 9 Mute Pedal Input** p. 28
Where the Mute Pedal plugs in.
- 10 Audio Output** p. 17 & p. 28
The audio output jack. Outputs a balanced, line-level analog audio signal. *Recommended*: Connect to mixer or amplification with a balanced (stereo) cable.
- 11 9v Power Jack** p. 25
Input for 9V DC effect-pedal-style power (*not included*).
- 12 Input Gain** p. 26
Used to adjust the volume.
- 13 Tone** p. 26
Used to adjust the Bass-Treble balance.
- 14 Indicator LEDs** p. 31
Provide information on how the CloseUp® System is functioning.
- 15 Battery Lid** p. 30
Slightly loosen screw and lift for 9V battery.
- 16 USB Power Adapter** p. 29
Connects the USB cable to a power outlet.
- 17 Microphone Extension Cable**
Connects the microphone to the processor box.
- 18 Microphone** p. 27
A custom microphone that attaches directly to your instrument.
- 19 USB Cable** p. 29
A USB cable that can be plugged into the USB Power Adapter or a computer.
- 20 Mute Pedal** p. 28
Stepping on this pedal mutes all sound coming from the System, including audio from the mic input and USB audio playback from the computer.
- 21 Guitar Sound Hole Cover** p. 14
Covers guitar soundhole to reduce feedback and improve isolation.
- 22 Chin Rest Foam** p. 12

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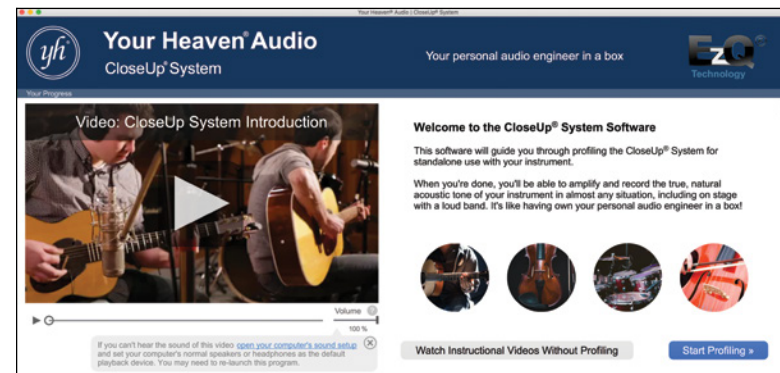
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 USING YOUR OWN MUTE PEDAL 37

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CREATING A Custom Profile FOR YOUR INSTRUMENT

Creating a custom profile is a one-time setup required for most instruments that will be used with the CloseUp® System. It takes 15-30 minutes and requires a laptop or desktop computer. You will not need a computer to use the CloseUp® System once you've finished profiling your instrument.



Download the Profiling Software by going to: yourheaven.net/closeup-downloads/

To create a custom profile, you'll record a 30 second segment of your chosen piece or song (instrumental only, don't add vocals) twice — once with the mic outside the instrument and once with the mic attached inside the instrument. Based on over a decade of acoustic research, our proprietary EzQ®



This is the holy grail, and I think you’ve done it!

— Donald Porter, Classical Guitarist

algorithms will use these recordings to create a custom profile that is specific to your instrument, giving you the best possible sound. You can transfer this profile to the CloseUp® System’s memory, and also save it to your computer for future use.

You can store up to 4 custom profiles on the CloseUp® System. Universal profiles for violin, viola, and cello are pre-installed on every CloseUp® System, however custom profiles are highly recommended for best results. *Note: there are no pre-installed guitar profiles. You will need to create a custom profile for your guitar for use with your CloseUp® System.*

YOU WILL NEED:

- Your instrument
- The CloseUp® System
- A song you can play well
- A quiet space to record in for about 30 minutes
- An internet connection (to download the profiling software)
- A computer with Windows 7 or newer, or Mac OS X 10.7 or newer

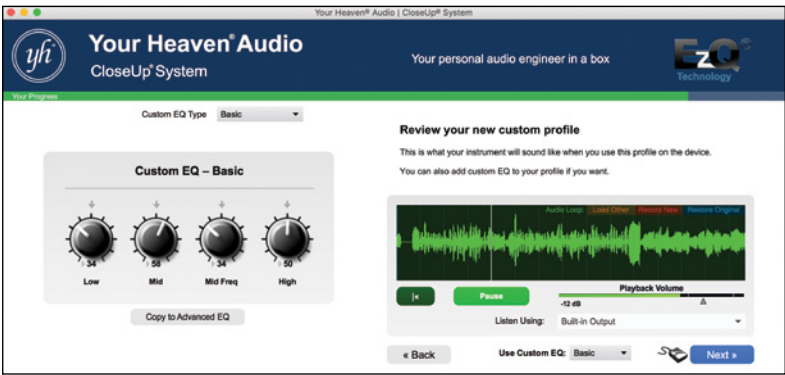
- 1 Go to yourheaven.net/closeup-downloads/ to download the software.
- 2 Install the software on your computer and connect the CloseUp® System to your computer with the USB cable.
- 3 When you run the software, it will walk you step-by-step through the process of profiling your instrument.

- 4 Once you have created and transferred your custom profile to the CloseUp® System, you will be ready to play and record on stage or in any environment.

CUSTOM EQ

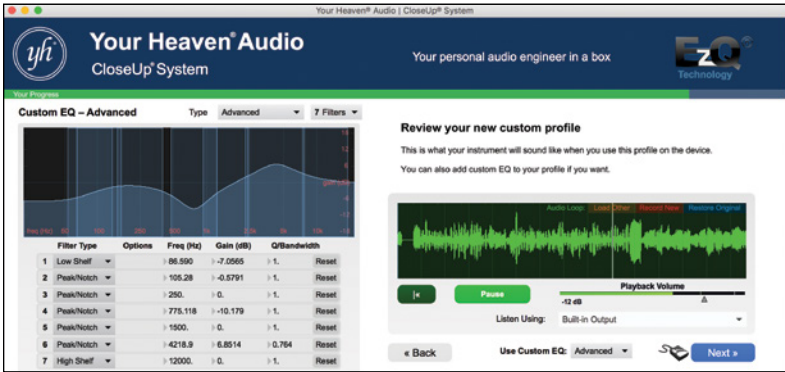
When you have finished the automated portion of creating the custom profile for your instrument, you have the option to customize the tone of your instrument further. On the **REVIEW** screen, choose either **BASIC** or **ADVANCED** under “USE CUSTOM EQ”. The **CUSTOM EQ** feature allows you to adjust the tone quality of your instrument in two ways:

- 1 Basic **CUSTOM EQ** emulates the EQ controls found on amps or basic EQ pedals, allowing you to increase or decrease the Low (Bass), Middle and High (Treble) frequencies of or your instrument’s



sound. It gives added flexibility by offering a Mid Freq knob that adjusts which frequencies the Mid knob affects. The behavior of these knobs adapts to best serve the instrument type you chose at the beginning of profiling.

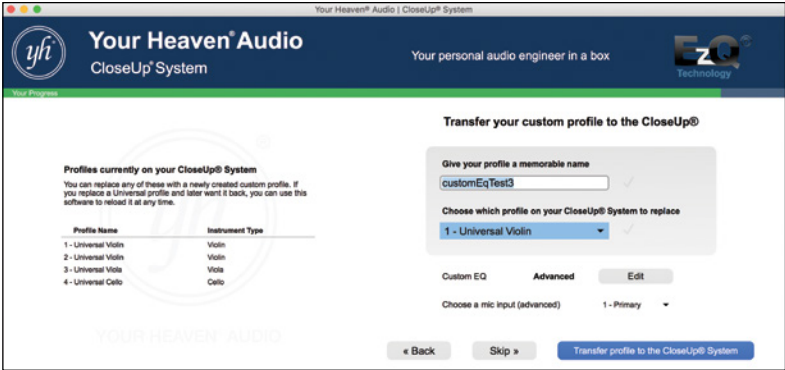
- 2 **ADVANCED CUSTOM EQ** is similar to an EQ plugin you'd find in a professional digital audio workstation. It offers 7 parametric filters of various types to precisely shape your sound.



As you adjust your **CUSTOM EQ**, you can hear the changes in the playback of your recording at right as it loops. You have the option of recording a new audio loop if you want to try out your profile and **CUSTOM EQ** on other musical material.

*Tip: when switching between **NONE**, **BASIC** and **ADVANCED CUSTOM EQ** types, your settings in each will be preserved for future editing, even if you save a profile to your computer and reload it later.*

If you open an existing profile (.eqz) file from your computer, you can add or edit the **CUSTOM EQ** before transferring it to your CloseUp® System using the **EDIT** button that appears once you open the profile.



In this case you will not have a recording available to listen to your changes on, but you can choose to load an “inside” recording you saved during a previous profiling session (for instance, the one you saved when you made the profile you’re editing), or record a new one.

When you’re done making changes, simply click **NEXT** or **BACK** and you’ll be ready to transfer the profile, with newly updated **CUSTOM EQ**, to your CloseUp® System.

INSTALLING THE Microphone

The CloseUp® microphone can be installed by hand, in under five minutes, and is unobtrusive while performing.

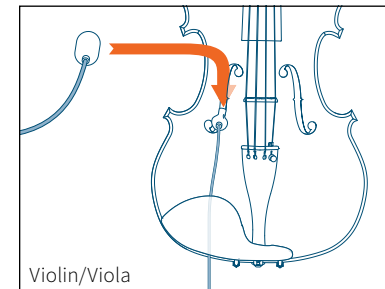
VIOLIN, VIOLA & CELLO

Videos are available by going to yourheaven.net/instructional-videos or by opening our profiling software and clicking [WATCH INSTRUCTIONAL VIDEOS](#).

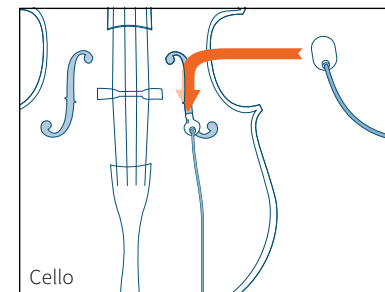
TO INSTALL THE VIOLIN MICROPHONE

Violin used in diagram images; viola and cello are very similar.

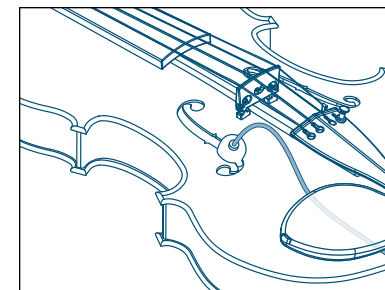
- 1 Thread the microphone underneath the chin rest (either the left or right side.)
- 2 Place the end of the microphone into the diamond shaped center of the F-hole. Twist the microphone while pushing gently until it's halfway in.
- 3 Tilt the microphone (towards the chin rest) slightly and pull it towards the chin rest until it's secured snugly in the F-hole.



Violin/Viola

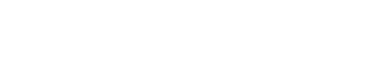
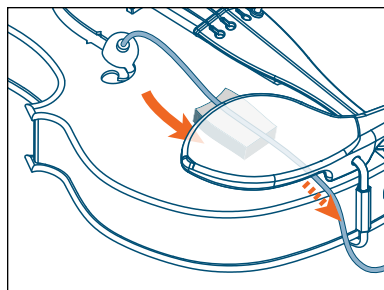
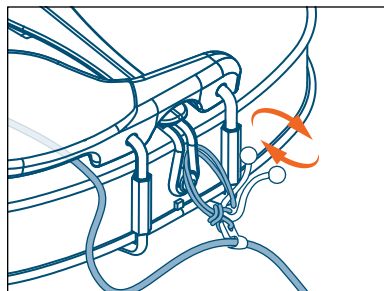
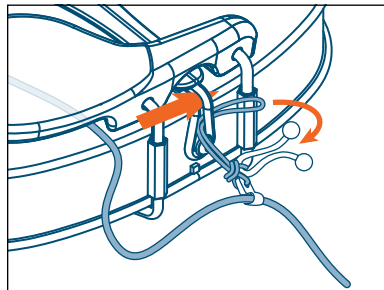


Cello



- 4 Slide the rubber loop and white clip attachment up the microphone cable towards your violin's tailgut.
- 5 Untwist (open) the white clip. Thread the rubber loop beneath (then up and around,) one of the tailgut posts. (If the rubber loop doesn't fit beneath the tailgut, it can be threaded under the portion of the tailgut that bends over the top edge of the violin.)
- 6 Pull the white clip through the rubber loop so that the rubber loop is now wrapped around the post of the tailgut. Twist the white clip (closed) to lock in the rubber loop.
- 7 Place the square of violin foam underneath the chin rest to keep the microphone wire from rattling (optional.)

You have now successfully attached the microphone. As long as the rubber loop is properly attached, you should be able to tug on the microphone wire, without moving the microphone in your violin's F-hole.



GUITAR

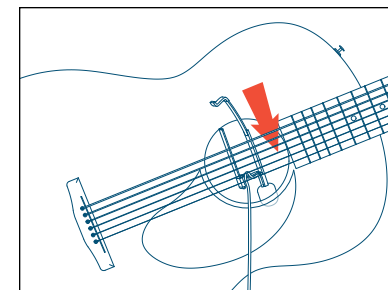
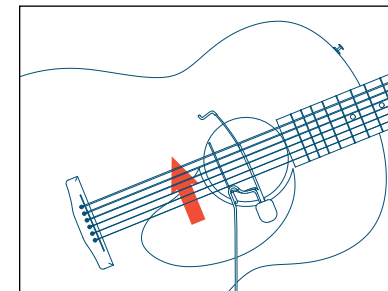
Videos are available by going to www.yourheaven.net/instructional-videos or by opening our profiling software and clicking [WATCH INSTRUCTIONAL VIDEOS](#).

LEFT-HANDED GUITARS

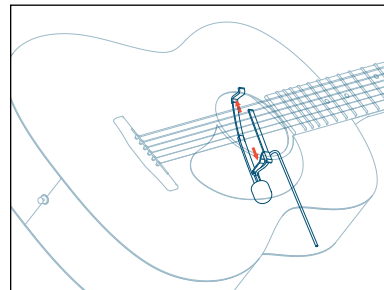
If you have a left handed guitar, these instructions will be upside down. Let us know and we can send you a [SOUND HOLE COVER](#) for a left-handed guitar.

INSTALLING THE GUITAR MICROPHONE

- 1 Insert the **MICROPHONE CLIP** into your guitar's sound hole by sliding the clip sideways, underneath the strings. If the neck of the guitar is at 12 o'clock, the microphone should point to 4 o'clock.
- 2 Once the **MICROPHONE CLIP** is in the correct position, twist the clip so that it slides inside the sound hole, mic end first, and press it into position so that both ends of the clip are touching the edges of the soundhole.

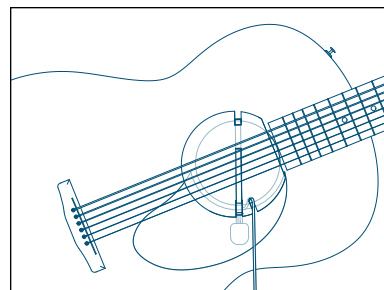
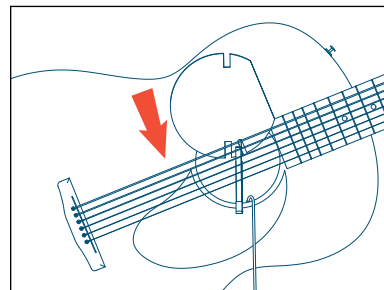


- 3 Place your fingers inside of the sound hole and spread each end of the clip apart until it fits tightly against the edges of your guitar's sound hole. This pressure does not need to be extreme, just enough to keep the clip in place.



SLIDING ON THE SOUND HOLE COVER

- 4 Once the **MICROPHONE CLIP** is in place, slide the **SOUND HOLE COVER** on, felt side down, underneath the strings. *Note: The **SOUND HOLE COVER** has three notches and a flat or rounded edge, depending on the type of guitar you selected at purchase. This edge should line up with the bottom edge of the fretboard and cover all or almost all of the sound hole. If your hole cover does not fit, contact support@yourheaven.net.*
- 5 There are two notches at the bottom of the **SOUND HOLE COVER**. The smaller notch is for the wire to come out. The larger notch slides under the clip's top bar and goes to the very end of the bar. The other end of the guitar clip fits into the other notch in the cover.



MAKING SURE EVERYTHING IS IN POSITION

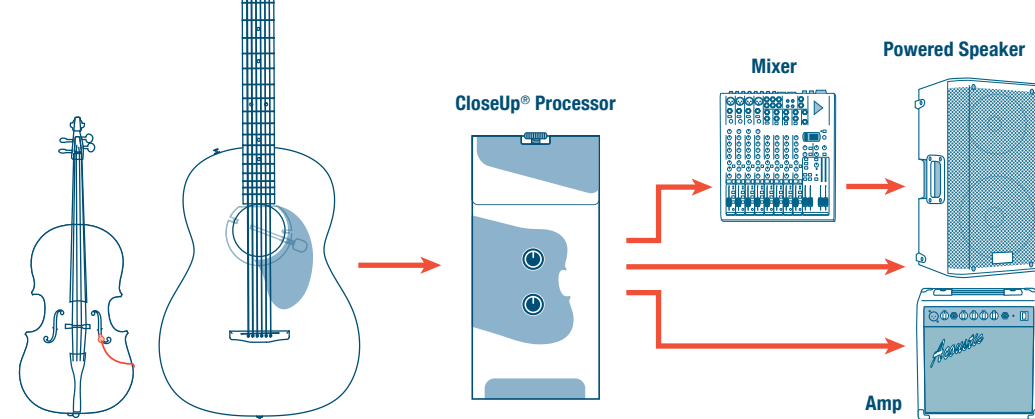
Double check that the **MICROPHONE CLIP** is on tight, that the foam end of the clip is facing at 4 o'clock, and that the **SOUND HOLE COVER** is installed felt-side-down, flat-edge against the guitar neck, firmly seated underneath the **MICROPHONE CLIP**.



Your microphone is such a game changer!

— Lisanne Tremblay,
Jazz Violinist & Composer, Inner Circle Music Artist

On Stage WITH THE CLOSEUP[®] SYSTEM

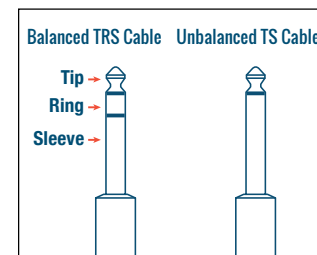


CONNECTING TO LIVE SOUND EQUIPMENT

Once you have installed the **CLOSEUP[®] MICROPHONE** on your instrument and connected it to the **CLOSEUP[®] PROCESSOR**, the CloseUp[®] System can connect to professional audio equipment via a 1/4" cable or an XLR cable (*connector cables not included.*) A 1/4" to XLR adaptor cable is included with the CloseUp[®] System if needed.

The CloseUp[®] System outputs a balanced, line level signal for use with professional audio equipment. This means you can connect it directly to a mixer or audio interface (via the line input or mic input with pad,) eliminating the need for a DI Box.

We recommend using a balanced stereo 1/4" cable or XLR (mic) cable to go into a stage snake or directly to a mixer, amp, or powered speaker.




Note: There are a few situations where we would recommend using a mono cable instead. **We do not recommend connecting the CloseUp® System to a Guitar or Bass amp.** See [OUTPUT](#) section, p. 28, for more information.

SETTING THE CORRECT VOLUME

While running a sound check, we recommend setting the [INPUT GAIN](#) to a level where the yellow LED lights up while you play your instrument, but the red LED never does.

If the red LED is lighting up, it means you are overloading the signal, which may result in distortion. If this is experienced, turn it down.

CORRECT				on	Lights up when audio signal is present
INCORRECT				both on	Signal overload — turn down the GAIN knob

ADJUSTING TONE & DEALING WITH FEEDBACK

The [TONE](#) knob can be used to alter the tone of your instrument (eg, if the speaker sounds tinny). This is its main use. Turning the [TONE](#) knob toward “High” can also help control the low-frequency feedback created by some sound systems. Turning this knob toward “Low” can help with the high-frequency feedback found in some situations.

FINAL ADJUSTMENTS

Once you have set the [TONE](#) and [INPUT GAIN](#) you can work with the Sound Engineer at the venue to make any adjustments they would need to make with their own equipment.

Because our system provides accurate sound without the problems usually experienced on a live sound stage with regular microphones or pickups, the engineer should not make the kinds of corrections typically used for that equipment. This will make the CloseUp System sound worse. The engineer should start by only making changes based on the room and speakers.



You just turned my instrument into a \$50,000 cello!
— Lanny Paykin, Cellist



Recording WITH THE CLOSEUP[®] SYSTEM

The CloseUp[®] System works the same way for recording as it does on stage, with these additions:

PLUGGING THE CLOSEUP[®] SYSTEM INTO YOUR COMPUTER

The CloseUp[®] System can act as a class-compliant plug-n-play USB audio interface. This means you can plug it directly to your computer via the USB cable, with no other cable needed. The CloseUp[®] System interacts directly with standard audio software (editors and DAWs.)

If you choose to record this way over backing tracks, please see [USB MONITOR MODE](#) on page 22

PLUGGING THE CLOSEUP[®] SYSTEM INTO AN AUDIO INTERFACE

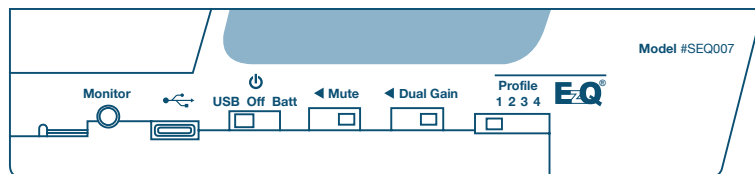
You can also connect the CloseUp[®] System to a standard audio interface via the 1/4" analog output jack. If the audio interface is a good one, this will sound nearly identical to when the CloseUp[®] System is plugged directly into the computer (via the USB cable). *If you choose to connect this way, remember to set the interface so that you can monitor yourself without latency.*

SOUND ISOLATION

An advantage to using the CloseUp[®] System while recording is that you don't have to worry about sound isolation (optimizing the acoustics of the room you're recording in or dealing with most outside noises such as cars driving by.)

USB MONITOR MODE

This feature allows you to balance the sound of your instrument with USB audio playback from the computer in the CloseUp® System's analog output while using the zero-latency monitoring the CloseUp® System provides. (See page 36 for more.)



STEREO (HEADPHONE) OUTPUT MODE

In this mode, the output changes to an unbalanced, stereo signal. This allows you to plug headphones into the Output jack to listen to your instrument, and to hear audio playing back from your computer in stereo. (See page 36 for more.)

USING MULTIPLE USB AUDIO INTERFACES

Professional audio software often allows for the use of more than one audio interface at a time. Specifically, one interface can be the input, while another acts as the output. If your software has this capability, you can use the CloseUp® System with other equipment you may own.

You can record using the CloseUp® System's USB digital audio interface while using a larger interface's more flexible options for listening and monitoring. However, if you do choose to do this you will need to set up your own system to monitor any mix of your recorded tracks with the live audio from the CloseUp® System. In this situation, many users who already own a larger audio interface simply record the analog line output of the CloseUp® System. Advanced users may also combine the interfaces using aggregate audio interface features of their OS or other audio drivers.





Product Features: DEFINITIONS AND DETAILS

CONTROLS

POWER SWITCH

The **POWER SWITCH** has three positions (USB/OFF/BATT):

- **USB:** CloseUp® System powers from the USB input
- **OFF:** CloseUp® System is off, or powers from a standard 9V guitar-pedal-style DC power supply (not included with CloseUp® System)
- **BATT:** CloseUp® System powers from a 9V Battery

MUTE SWITCH

The **MUTE SWITCH** mutes the CloseUp® System. While it is **on**, the red LED will pulse slowly. Both this **MUTE SWITCH** and the **MUTE PEDAL** can mute the output, but this **MUTE SWITCH** must be **off** if you want to use the **MUTE PEDAL**. The

MUTE PEDAL will also mute the CloseUp® System, but the **MUTE SWITCH** must be **off** for the **MUTE PEDAL** to work properly.

Note: If you are using the CloseUp® System as a USB audio interface to play audio from your computer, muting will only silence audio coming from the microphone, not from the computer.

DUAL GAIN SWITCH







Leave this switch **off** unless you are using **DUAL INSTRUMENT MODE**. (See Advanced Features for more info, p. 32.)

PROFILE SWITCH

The **PROFILE SWITCH** chooses which of the four instrument profiles saved on the CloseUp® System will be active. *To learn how to create a custom profile, see page 4.*

INPUT GAIN

The **INPUT GAIN** knob controls the **volume** of the signal from the mic as it enters the CloseUp® System. (also known as input gain.) If the red LED lights up while playing, the **INPUT GAIN** is too high (the audio signal is overloading and may cause distortion). The **INPUT GAIN** knob should be set so that, while playing, the yellow LED lights up most of the time and the red LED never lights up.

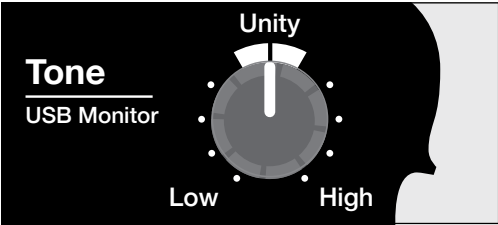
CORRECT				on
INCORRECT				both on

For the best sound quality, set the **INPUT GAIN** as described, and then change the volume up or down on the mixer or amplifier.

TONE

The **TONE** knob changes the bass-treble balance of your instrument. Unless you need to use it, leave this knob in the clear zone around the

UNITY position (the “no effect” zone). This means that the custom profile you’ve created for your instrument is unadulterated.



We recommend adjusting the **TONE** knob if you need to compensate for live sound (amplification) systems with too much or too little bass (which can cause feedback, muffled sound or tinny sound).

Turning the **TONE** knob toward “High” can help control the low-frequency feedback created by some sound systems. Turning this knob toward “Low” can help with the high frequency feedback found in some situations.

CONNECTIONS

MIC INPUT

The CloseUp® System **MIC INPUT** (DIN connector) accepts CloseUp® System Microphones.

This **MIC INPUT** does not accept standard microphones and does not work with other mics or MIDI cables.

Important: Check to see that the CloseUp® System is off or muted before plugging the microphone in.

SEQ006 models need to be muted or turned off before plugging in a microphone. Starting with model **SEQ007**, the CloseUp® System automatically mutes itself if there is no microphone present, and will automatically un-mute itself about a second after a mic is plugged in.

As with any audio device, plugging a microphone in while the CloseUp® System is on, unmuted and

I especially love the way the low end is coming through... there’s a lot about this that’s super exciting!
— Rachel Panitch, Professional Violinist

connected to a speaker or headphones can cause a loud pop that can damage the other equipment.

If you hear soft noise instead of your instrument, or a popping sound when the **INPUT GAIN** knob is adjusted, **mute** and **unmute** the CloseUp® System. Alternatively, turn it **off** and then **on** again.

MUTE PEDAL

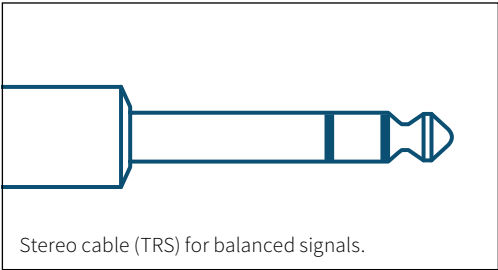
The **MUTE PEDAL** is convenient for muting an instrument on stage. Both the **MUTE PEDAL** and the **MUTE SWITCH** can mute the output, but the **MUTE SWITCH** is the master. When the **MUTE SWITCH** is on, the **MUTE PEDAL** has no effect. The red LED will pulse slowly any time the CloseUp® System is muted.

OUTPUT

The **OUTPUT** jack (stereo TRS) accepts most ¼" cables. We recommend using a stereo ¼" cable most of the time (see recommendations below.) The **OUTPUT** jack outputs a mono, balanced, line-level signal. This output can be plugged directly into any powered speaker, amp, mixer or audio interface. This output does not need a DI box (direct box,) however you can use one without issues.

We recommend using a stereo ¼" cable (also known as a balanced cable, with two stripes on

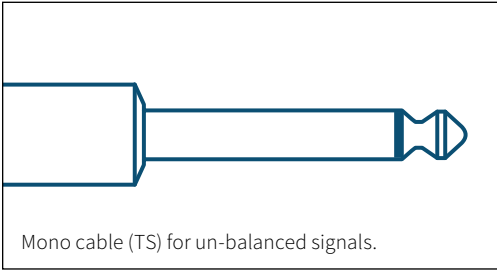
the plug,) if connecting to equipment that has a balanced input (because it will give you standard noise rejection and gain advantages of balanced audio.) Most balanced inputs will be labeled as being balanced.



If the audio input is not labeled, most professional recording equipment uses a balanced line input, while most guitar equipment does not. However, we always recommend looking online or at the product manual for that equipment just to be sure.

We recommend using a mono ¼" cable (guitar cable with one stripe on the plug,) if connecting

directly to an amp that does not have a balanced input. For example, most guitar/bass amplifiers do not have a balanced input.



The Output signal is mono and balanced by default, however it can be temporarily set to stereo, unbalanced using the Monitor button. (See the "Monitor Button" section on p. 36.)

We recommend against using an electric guitar amp: Though the CloseUp® System works with electric guitar amps, we do not recommend them as they color the sound and make the instrument sound "not quite right."

Ideally any amp that you can clearly and enjoyably play your favorite albums through without needing to adjust any tone controls will be acceptable.

For a portable system, a powered PA speaker or keyboard amp work well. Amps marketed for use with acoustic instruments or voice are usually acceptable.

USB CONNECTOR

The **MICRO-USB CONNECTOR** allows the CloseUp® System to be powered from most standard USB ports, USB wall chargers, and cell phone chargers. It also allows the CloseUp® System to connect to a computer in order to profile your instrument, and for digital recording and playback as a class-compliant, plug-n-play USB audio interface.

BATTERY

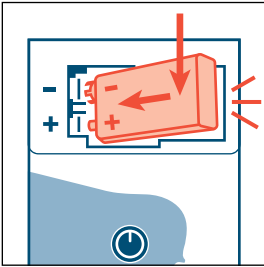
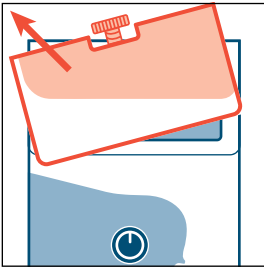
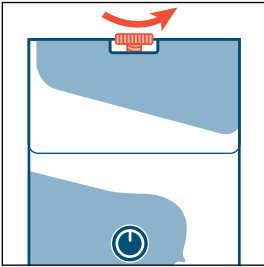
Batteries are not included.

The CloseUp® System accepts one **9V battery** (standard alkaline or re-chargeable.) A standard 9V alkaline battery will power the CloseUp® System for about 7 hours. A rechargeable may provide less charge, but should be more affordable if you plan to regularly use battery power.

Battery types: We recommend standard alkaline 9V, rechargeable lithium-ion 9V, or rechargeable lithium-polymer 9V batteries, as they perform better than other types of 9V batteries.

To remove the **BATTERY**, loosen (but do not remove) the screw and open the **BATTERY LID**. Pull up on the flat edge at the battery's bottom.

To insert the **BATTERY**, match negative to negative, slide the **BATTERY** buttons toward the connectors, and press down near the battery bottom until it clicks.



INDICATOR LEDS

The LEDs on the CloseUp® System indicate different states:

			<i>on</i>	Power on
			<i>slow pulse</i>	CloseUp® System is in USB MONITOR MODE (see p. 36)
			<i>double flash</i>	Battery has about 1 hour left
			<i>fast triple flash</i>	Battery has about 15 minutes left
			<i>on</i>	Lights when there is a strong audio signal from the instrument
			<i>dim when no audio signal is present</i>	The output is set to STEREO/HEADPHONES OUTPUT MODE (see p. 36)
			<i>both on</i>	Signal overload — turn down the GAIN knob
			<i>slow pulsing</i>	CloseUp® System is muted
			<i>slow pulsing</i>	System is connected to the profiling software — most controls are locked

Advanced Features

DUAL INSTRUMENT MODE

Dual Instrument mode allows you to connect two instruments to your CloseUp® System using a Your Heaven® Dual Instrument Y-Cable (*not included with the CloseUp® System.*) You will also need to purchase an extra CloseUp® Microphone.

DUAL INSTRUMENT MODE is intended for musicians who plan to switch between two instruments over the course of a live concert.

You cannot play each instrument simultaneously. However, when **DUAL INSTRUMENT MODE** is properly set up, you can switch between each properly mic'd instrument using just the profile selector switch. When you switch profiles, the corresponding instrument will become active and the other will be muted.



SETTING UP DUAL INSTRUMENT MODE

- 1 Make sure that the two profiles you would like to use are loaded onto your CloseUp® System. If they are not, connect the CloseUp® System to your computer and use the Your Heaven® Profiling Software to do so.
- 2 Once the correct profiles are loaded onto your CloseUp System®, connect the System to your computer and open the Profiling Software.
- 3 Go to the CHOOSE YOUR INSTRUMENT Screen, and continue a few screens to the WHAT WOULD YOU LIKE TO DO? page.
- 4 Click the DEVICE SETTINGS button at the bottom of the screen to get a list of the four profile settings.
- 5 For your most often used instrument’s profile, set Mic Input to 1 – PRIMARY, (or leave it if already there). For the 2nd instrument’s profile, set Mic Input to 2 – SECONDARY. Click DONE. *This will only need to be done one time, until you want to make a change.*
- 6 Plug the Your Heaven® Dual Instrument Y-Adapter Cable (not included) into the CloseUp® System.
- 7 Set up the microphone for each instrument and then plug them into the adapter cable.
1 – PRIMARY profiles will use the primary (first) input of the Y-Cable, and
2 – SECONDARY will use the secondary input.

Note: Any profile set to 2 – SECONDARY will **only** be accessible while plugged in via the Your Heaven® DUAL INSTRUMENT ADAPTER CABLE. The only other way to access a profile set to 2 – SECONDARY is to plug the CloseUp® System into the Profiling Software and change it back to 1 – PRIMARY.

Make sure you don't leave the adapter cable at home! (adapter cable not included with basic system).

DUAL GAIN MODE

DUAL GAIN MODE is only for use with DUAL INSTRUMENT MODE. Turning it on changes the TONE knob into an INPUT GAIN knob for the second instrument in DUAL INSTRUMENT MODE. If there is only one instrument plugged into the CloseUp® System, it temporarily makes the TONE knob useless.

Instruments in DUAL INSTRUMENT MODE use the same GAIN and TONE controls. If the two instruments being used in DUAL INSTRUMENT MODE need different GAIN settings, you can put the CloseUp® System in DUAL GAIN MODE. This will temporarily turn the TONE knob into a GAIN knob for the second (2 – SECONDARY,) instrument.

When in DUAL GAIN MODE, the TONE Control is not available for either instrument, and will reset to its default value (UNITY). If you need to adjust tone, it will have to be done elsewhere. The Low Frequency EQ control on many mixers is similar to this.

MONITOR BUTTON

STEREO (HEADPHONE) OUTPUT MODE

In this mode, the output changes from balanced mono to unbalanced stereo so that when you plug headphones into the **OUTPUT JACK**, both ears will be properly in phase. This mode also allows you to hear audio you're playing back from a computer in stereo when using the CloseUp® System as a USB audio interface. Otherwise it is mixed to mono.

To activate **STEREO (HEADPHONE) OUTPUT MODE**, hold the **MONITOR BUTTON** for about 2 seconds until the yellow LED is dimly lit, even when there is no signal. To deactivate it, hold the monitor button until the yellow LED goes dark. *This mode is not recommended for live performance use.*

USB MONITOR MODE

This mode allows you to balance the sound of your instrument with USB audio playback from the computer while using the zero-latency monitoring the CloseUp® System provides. To activate **USB MONITOR MODE**, double-tap the **MONITOR BUTTON**. The **TONE** control now controls the amount of zero-latency signal passed from the CloseUp® System's **MICROPHONE** to its **1/4" OUTPUT**. The green LED will switch from *on* to *slowly pulsing*. To deactivate USB Monitor Mode, double-tap the **MONITOR BUTTON** again.

The CloseUp® System always provides zero-latency monitoring. You only need to activate **USB MONITOR MODE** if you need to adjust the balance between the live and recorded audio. Using this feature will not affect the level that your instrument is recorded at, only how loud you hear it while recording. If you require tone control while using **USB MONITOR MODE**, use EQ controls or plugins in your audio software. The CloseUp® **TONE** control can be emulated with a low-shelf filter. *This feature is only available if the CloseUp® System is plugged in as a plug-n-play USB audio interface. (See page 21 for more.)*

USING YOUR OWN MUTE PEDAL

Most keyboard sustain pedals with a 1/4" plug work without any extra setup.

Latching pedals, such as a guitar amp footswitch, can be configured using the Your Heaven® Profiling Software.

- 1 Connect the CloseUp® System to the computer with USB and launch the Profiling Software.
- 2 On the **CHOOSE YOUR INSTRUMENT** Screen, click on the instrument you intend to use, then click on **DEVICE SETTINGS** at the bottom of this screen.
- 3 Change **MUTE FOOT SWITCH TYPE** from **MOMENTARY** to **LATCHING**.
- 4 Plug in your Mute Pedal. Make sure the **MUTE SWITCH** on the side of the CloseUp® System is set to **OFF**.
- 5 Click **TEST**. Press the Mute Pedal several times and watch the red LED to make sure your Mute Pedal is behaving properly. Click **END TEST**.
- 6 Click **DONE** to save the setting.
- 7 Exit the software and unplug the CloseUp® System

FREQUENTLY ASKED QUESTIONS (FAQs)

Can I use my own microphone?

No, our system is designed to work specifically with our proprietary microphone.

How do I deal with feedback on stage?

Turning the tone knob toward “High” can help control the low-frequency feedback created by some sound systems. Turning this knob toward “Low” can help with the high-frequency feedback found in some situations.

What kind of battery does the system require?

The system uses a single 9-volt battery.

Can I manually adjust my profile once it's been generated?

Yes, the custom EQ filters included in our profiling software allow you to adjust your profile to your preference.

Can I pass the signal coming out of the CloseUp® System through other processors/EQs (i.e., wah pedal, etc.)?

Yes, indeed — enjoy!

Can I leave the CloseUp® mic in my instrument when I'm not playing it?

Yes, many of our users do just that!

How can I use the CloseUp® System with my iPhone or iPad?

One can connect to an iPhone or iPad with an Apple “Lightning to USB Camera Adapter”. There may be third party adapters as well. This will connect the CloseUp® as an audio interface to the iPhone. The iPhone cannot supply power from this USB adapter. The CloseUp® device will need power from a battery or 9 volt adapter (neither supplied) or a powered USB hub. Using a battery

allows you to record literally anywhere using the CloseUp® system and an iPhone or iPad.

How can I use the CloseUp® System with my Android phone or tablet?

These devices work using an “On-the-Go” USB to Micro USB cable to connect to the CloseUp® System. Power limitations are the same as for an iPhone (*see above*), as many Android devices do not supply enough power to power a USB audio device. Also, there are many makers of Android devices, so check that the one you want to use will work with a class-compliant USB audio nterface.

Can the CloseUp® System be wireless?

Yes, with special cables. Contact Your Heaven at info@yourheaven.net or (401) 273-7076.



Yeah, this system is amazing!

— Sam Skinner, Acoustic Guitar Player

The USB digital audio input from the CloseUp® System is only 16-bit instead of the 24-bit input I'm used to seeing from professional audio interfaces. Does this mean it's lower quality?

No; our audio interface is designed specifically for your instrument type, so you will always get a strong signal and not need the extra resolution that 24-bit offers for quiet signals.

Can I simultaneously use the USB interface for recording while performing live?

Of course!

Is there any specific amplifier that the CloseUp® System works best with?

Any flat response amplifier and powered speaker. Most modern PA system are suitable. If required, the CloseUp System comes with tone adjustments to help with balancing frequencies.

How long would the 9V battery last for?

7 hours.

For the custom profile, I have just started playing my instrument and can't yet play a 30-second song. Can I still buy CloseUp® System?

You will need to play for 30 seconds only when creating a custom profile for **GUITAR**. If not ready yet, you can ask a friend or teacher to help you create the custom profile. You only have to do it once and takes just 15 mins.

However, our pre-installed universal profiles for **VIOLIN**, **VIOLA**, and **CELLO** are supremely accurate and will provide an excellent sound for your instrument eliminating the need to play a specific song twice.

I want more volume but as I turn it up, the red LED lights up. What do I do?

The best solution is for you to turn the knob down on CloseUp® System to have the yellow LED light up. And then to turn up the volume from your PA/speaker/amplifier.

How important is creating a custom profile for my instrument?

The custom profile is at the heart of the CloseUp® System. While we can provide a decent sounding “Universal” profile for some instruments, the process of measuring and calibrating to your instrument is like the difference between a friend recording your violin with their inexpensive home microphone or iPhone, and an experienced engineer at a high end studio recording your

VIOLIN after spending ½ hour or so on careful listening and placement. But with the CloseUp® System, you only have to make the profile once, and then you get the best sound instantly, anywhere. (Universal profiles do not exist for some instruments.)



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