



Personal On-Stage Sound Environment

**POSSE
QUICK START
USERS GUIDE**

*“When You Can’t Bring A Crew...
Bring A POSSE!”*

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. This apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

IMPORTANT: Marking Label is attached to the bottom of the Floor Box unit.

BATTERY WARNING:

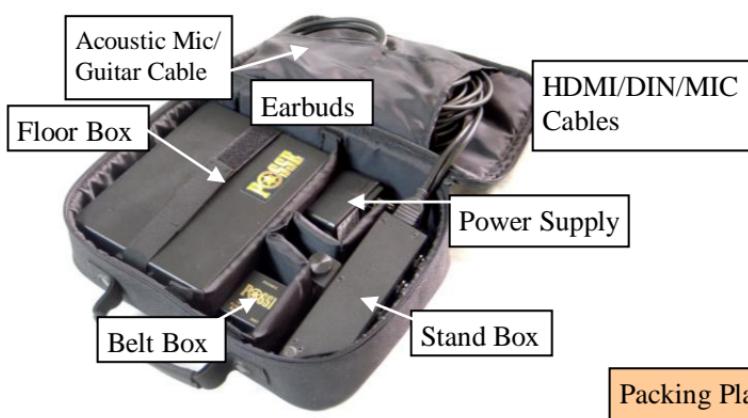
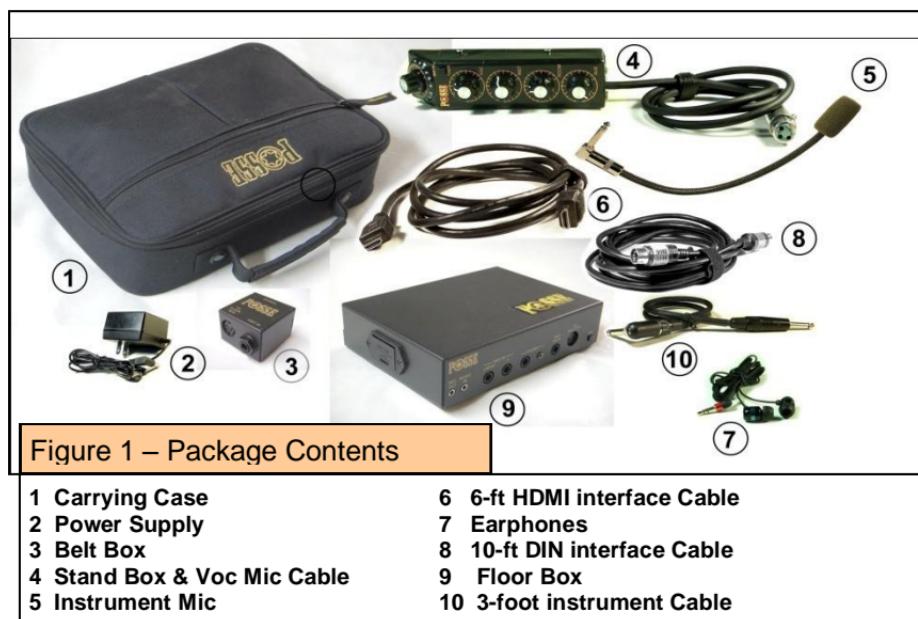
- The batteries or device with batteries installed shall not be exposed to excessive heat such as sunshine, fire or the like
- Avoid dropping the device. Dropping it, especially on a hard surface, can potentially cause damage to the device and battery. If you suspect damage to the device or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If left unused, a fully charged battery will discharge itself over time.
- Do not use incompatible device batteries. Consumers should purchase manufacturer recommended products and accessories. If unsure about whether a replacement battery is compatible, contact the manufacturer of the battery or device.
- Misuse or use of incompatible devices or battery could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Do not get your device or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the device to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. Always recycle. Do not dispose of batteries in a fire.

POSSE - What Is it?

“POSSE” – an acronym for “Personal OnStage Sound Environment”, is an electronic earphone sound monitor system designed to improve a musical performer’s ability to hear and control the audio blend of their own vocal, musical instrument, stereo ambient sounds, and a “house” or studio mix provided by a venue’s or studio’s existing monitor system.

POSSE – Where does it fit in my rig?

The POSSE is electrically inserted between the performer’s vocal/instrument signals and the “house” public address system. This allows the performer to “tap” these signals without interruption as they are routed to the venue’s public address system and stage monitor system, thereby allowing the performer to control their own in-ear monitor independent of the house system.



Basic Setup Sequence:

1. Connect the Floor Box (9) to the Stand Box (4), with the HDMI Cable (6)
2. Clamp the Stand Box to the Mic stand at a convenient height.
3. Plug the mic cable, coming from the POSSE Stand Box, into your vocal mic
4. Plug the Power Supply (2), into the Floor Box or install a 9-volt alkaline battery (not included) in the Floor Box battery compartment
5. Connect the Floor Box, MIC OUT to the House Mixer with an XLR cable
6. Connect the Floor Box, INST OUT to the house mixer with an XLR cable or a 1/4" phone cable, if you're using a Direct Box.
7. Plug your instrument into the front of the Floor Box ..OR...
 - A. Connect the Floor Box to the Belt Box (3) with the DIN cable (8)
 - B. Attach the Belt Box to your belt or guitar strap, etc.
 - C. Connect the Belt Box to your Instrument with the guitar cable (10)
8. If you are using an unamplified instrument or want to combine mic and pickup signals: plug the INSTRUMENT MIC (5) into the Stand Box.
9. On the POSSE Stand Box, turn the Master Volume (the top knob) all the way down. Turn on the POSSE (The blue button on the front of the Floor Box).
10. Give the house sound person, volume and tone levels from your instrument (if you have an on-board preamp). If you're using the INSTRUMENT MIC, it's level is set but you can alter your instrument's preamp output to change the mix.
11. Plug your earbuds into the Belt Box.
12. On the Stand Box, set the VOC, INST, ROOM and AUX knobs to 12:00 (straight up).
13. Slowly bring up the MASTER (around 10:00 is a good starting place).
14. Adjust the VOC, INST, ROOM and AUX knobs to get your mix.
15. Push the TUNE button on the Stand Box to tune your instrument.



When the TUNE light is on, the instrument is muted to the house. Don't forget to turn it off before you start playing!

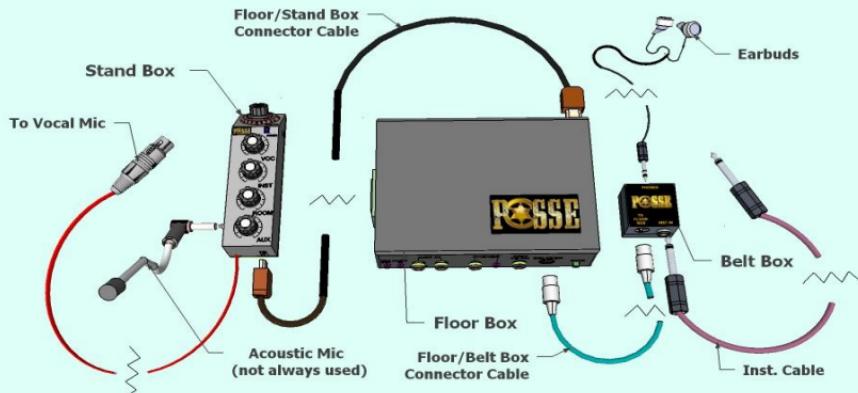


Figure 2 – Plug-In Scheme

Figure 3 - Basic Acoustic/Electric Setup

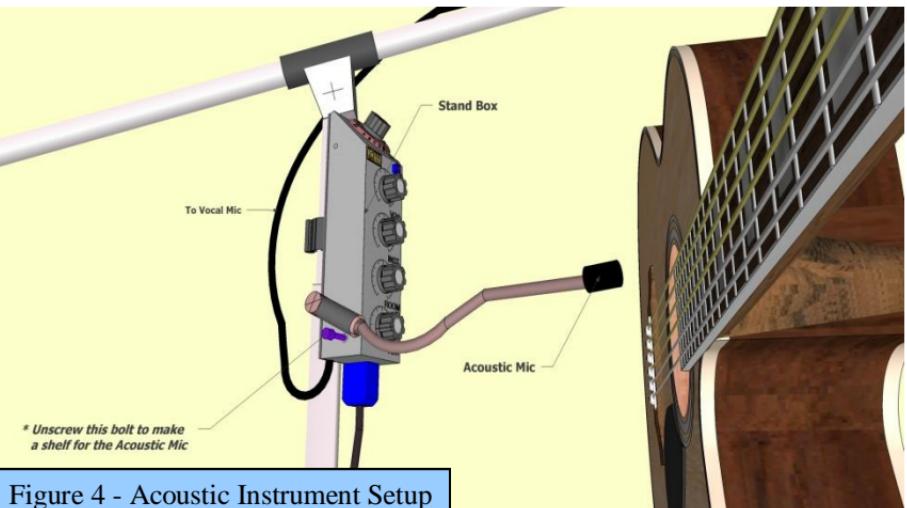
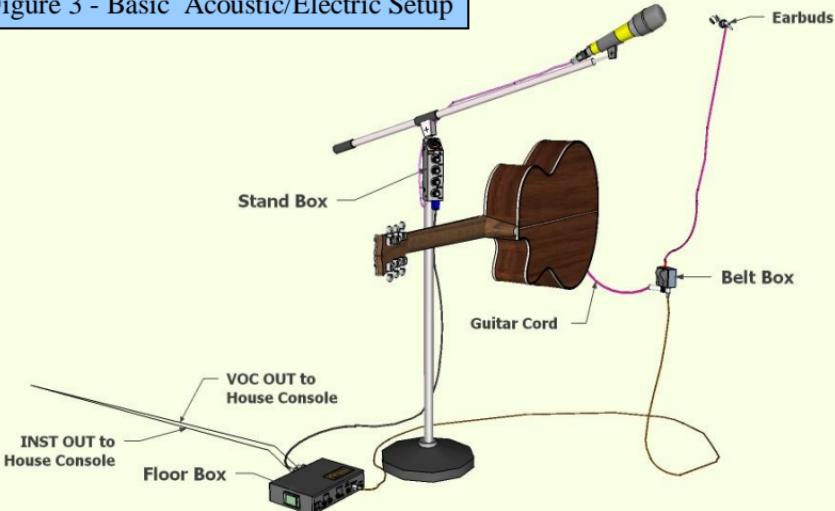


Figure 4 - Acoustic Instrument Setup

Figure 5 - Basic Electric Keyboard Setup

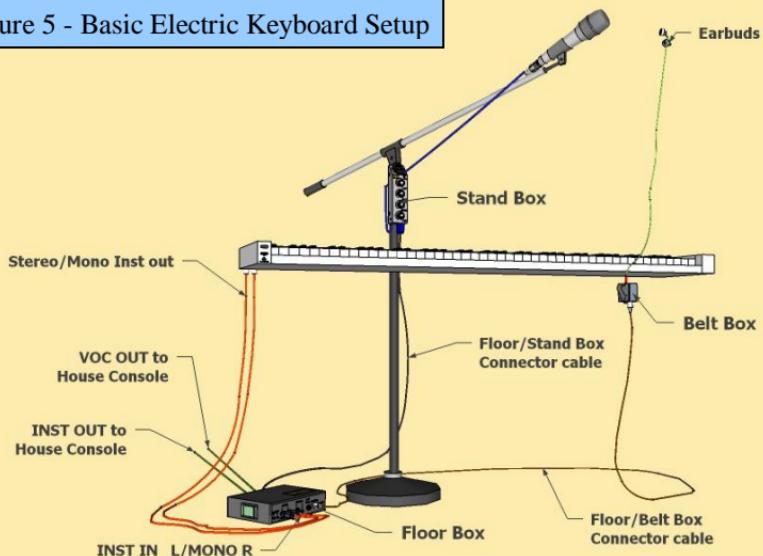


Figure 6 - Keyboard: Stereo output to House mixing Console

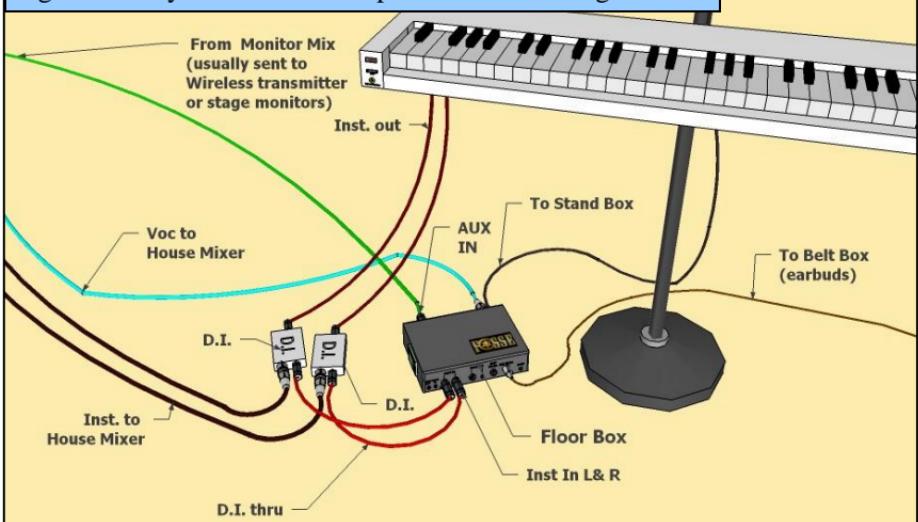


Figure 7 - Wireless Earphone Setup

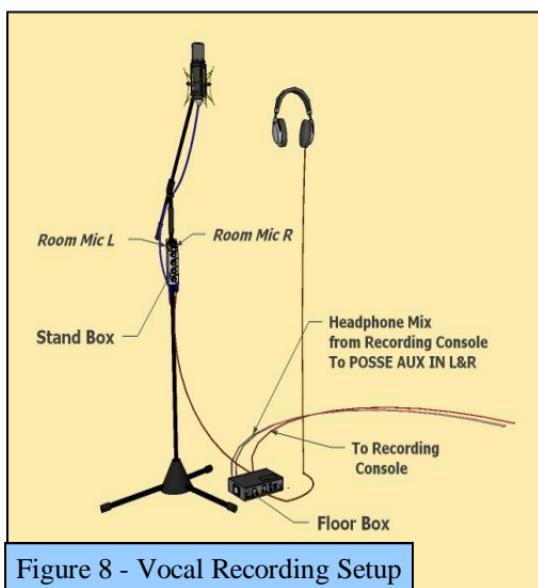
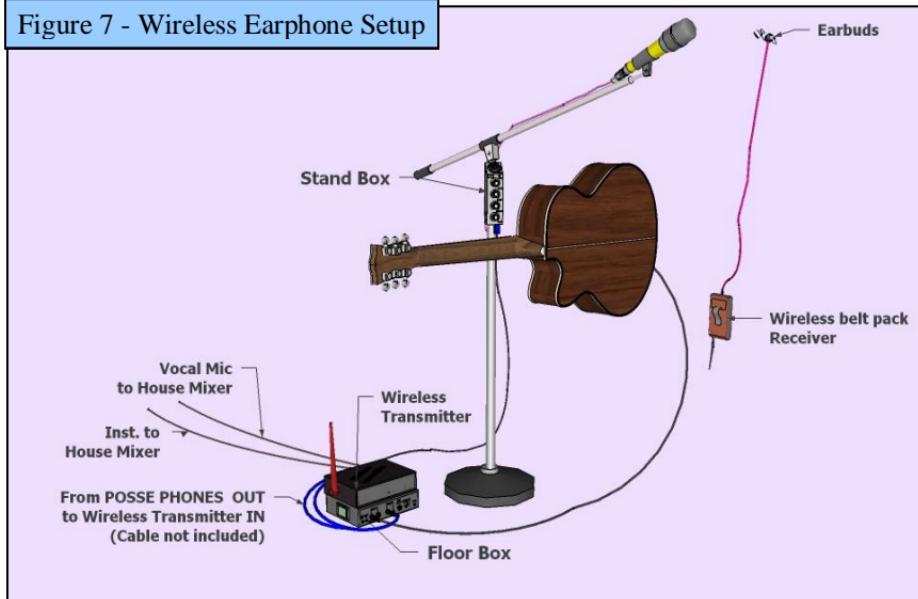
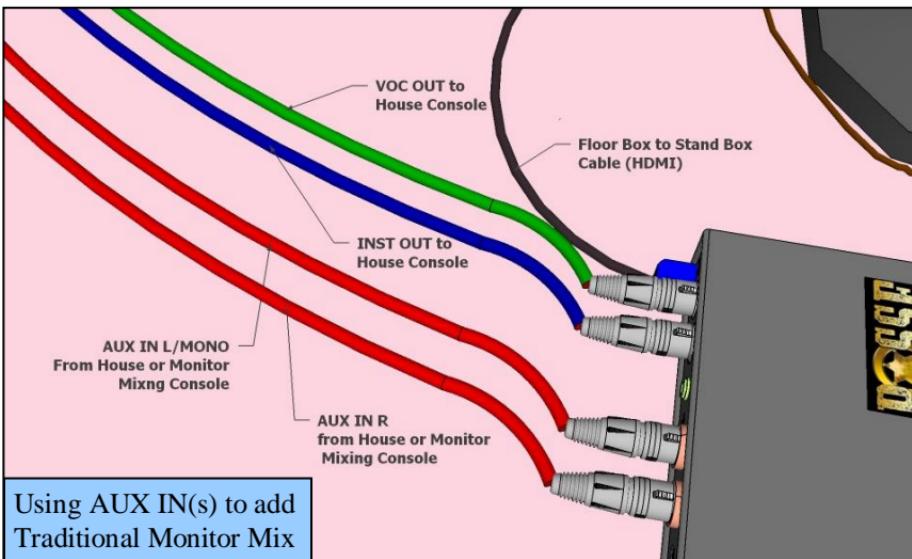
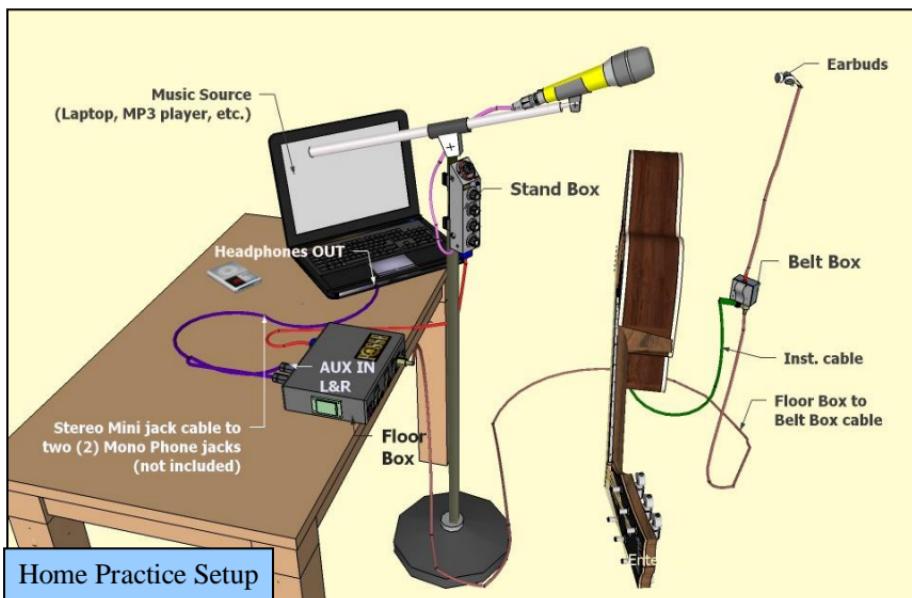


Figure 8 - Vocal Recording Setup

When recording with a condenser Mic that requires it's own power supply:

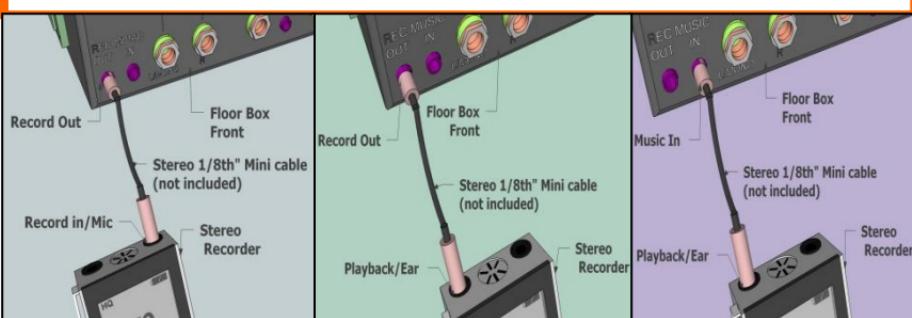
1. Connect the Mic to the power supply.
2. Connect the audio out from the power supply to the POSSE Stand Box Vocal Mic connector.





Using AUX IN(s) to add Traditional Monitor Mix

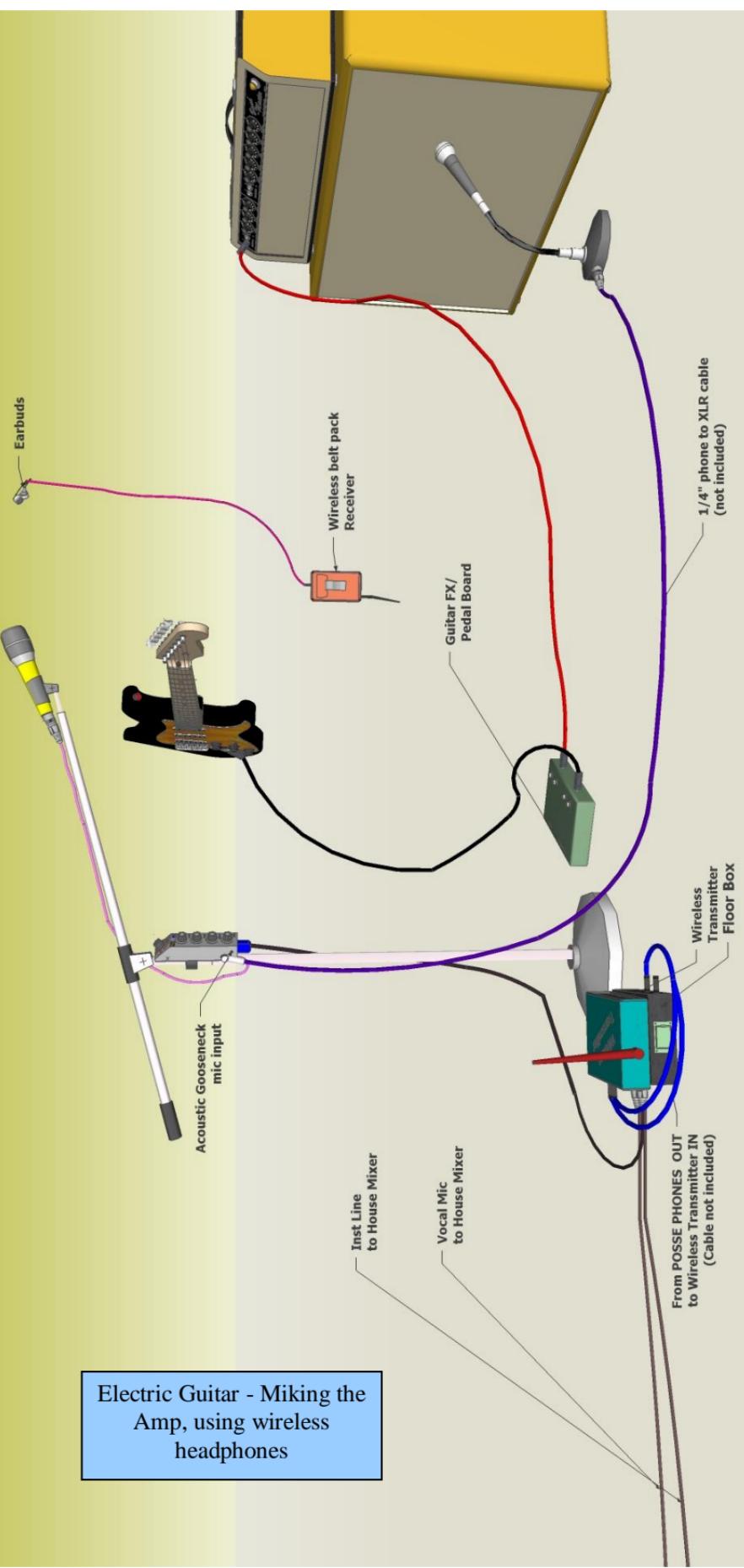
For any Setup - A monitor signal that is typically sent to stage floor-monitors or a wireless in-ear system can be sent to the POSSE AUX IN(s). Turning up the AUX knob on the Stand Box will add this external mix to your POSSE mix. The AUX IN(s) can be switched between Left/Right Stereo and Mono. In Mono the monitor signal can be Daisy Chained to multiple POSSES.



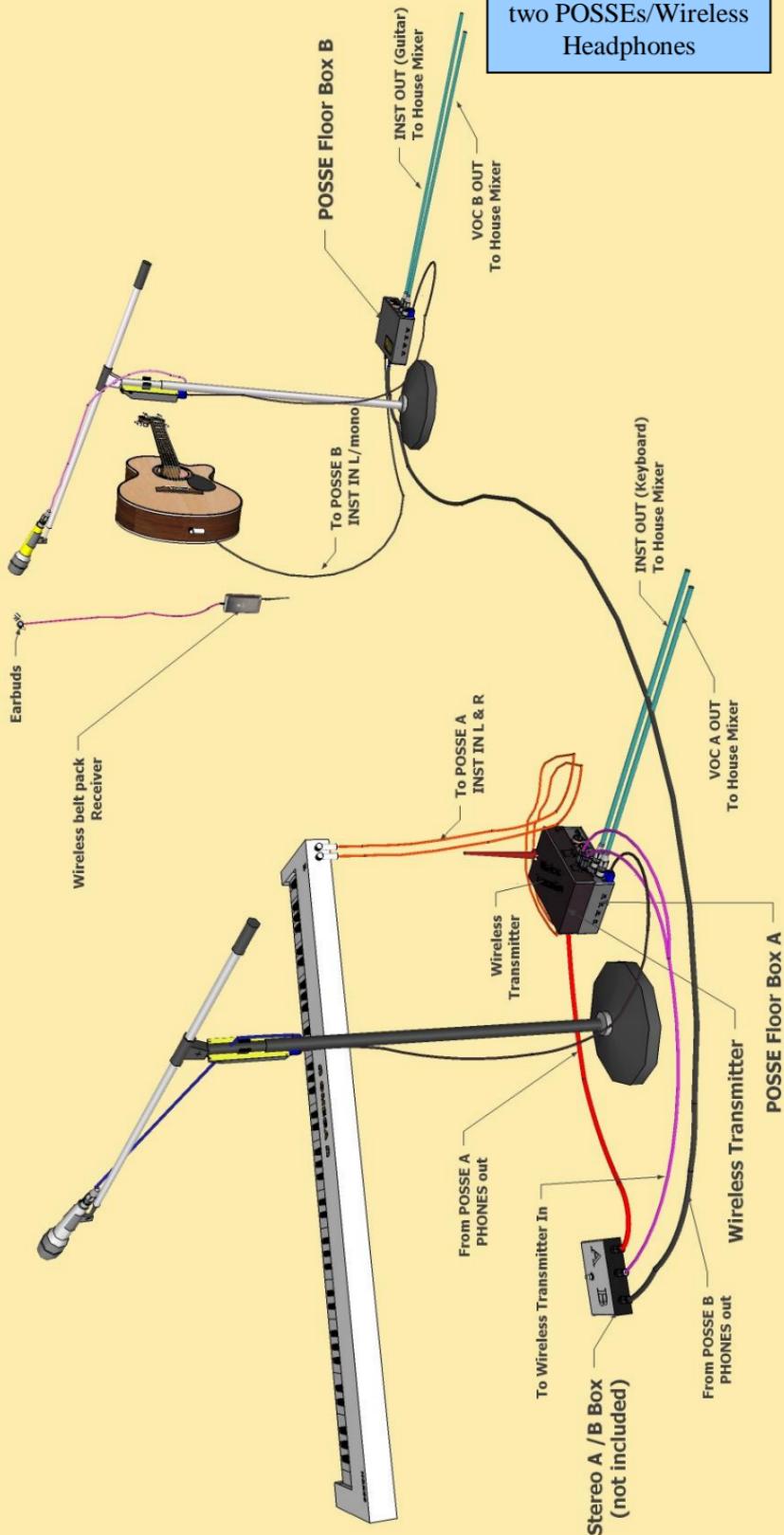
Recording your performance

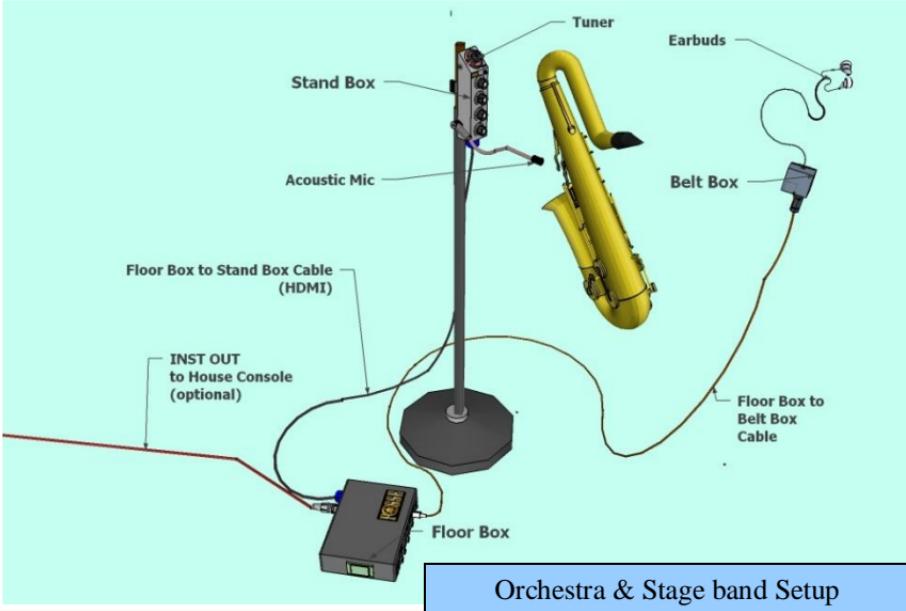
Playback in POSSE earbuds only

Playback through House PA



Switching between
keyboard and Guitar,
two POSSEs/Wireless
Headphones



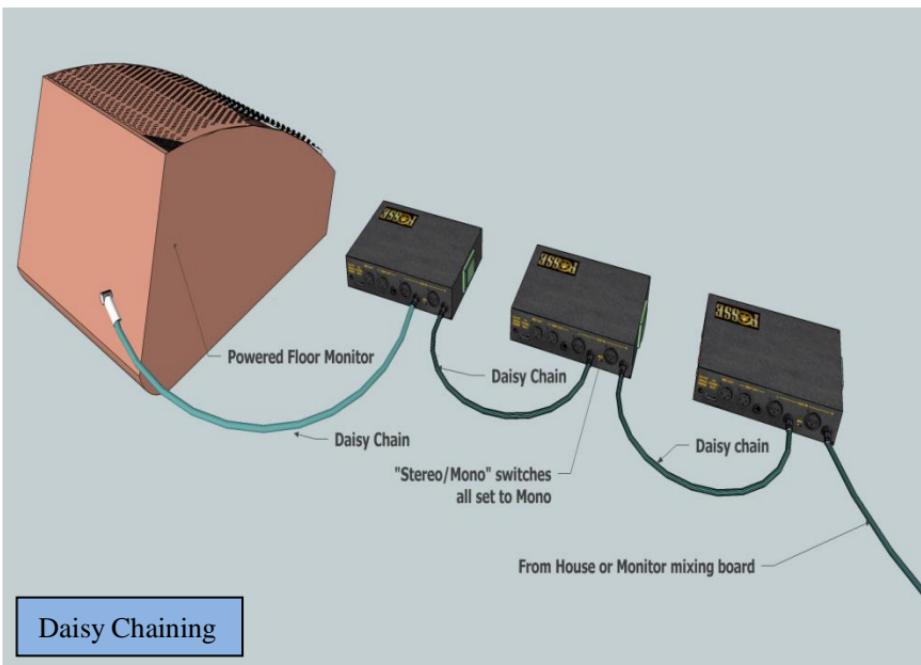


Orchestra & Stage band Setup

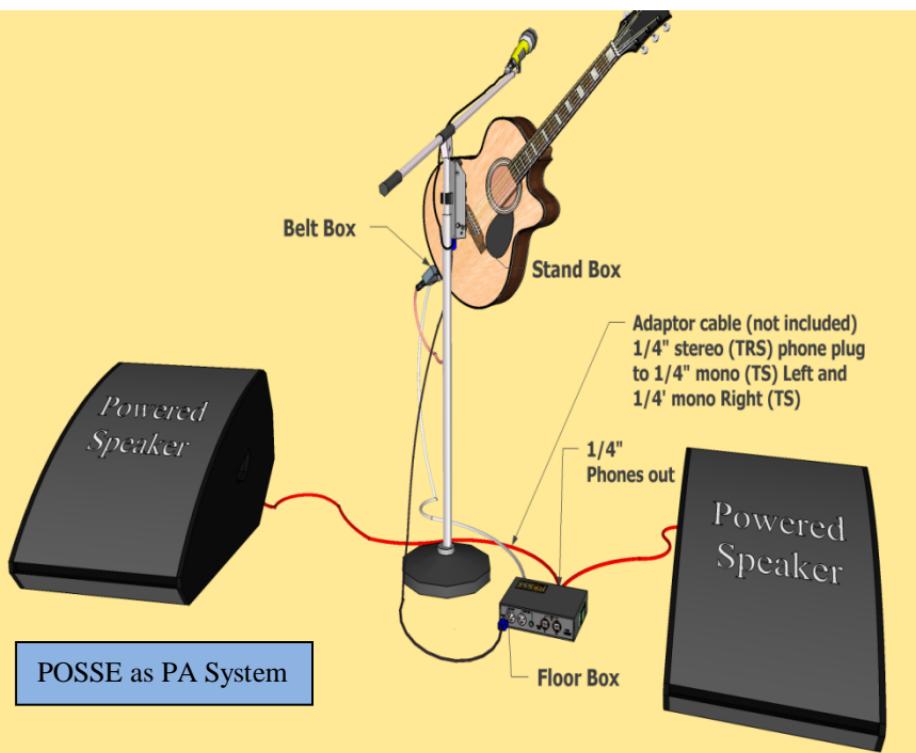
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In the example shown above, POSSE is being used for monitoring of the instrument only. A Singer/instrumentalist could use the vocal mic as well. If the House mixer chooses to, the Instrument Mic signal can be added to the House mix via the INST OUT jack on the Floor Box.

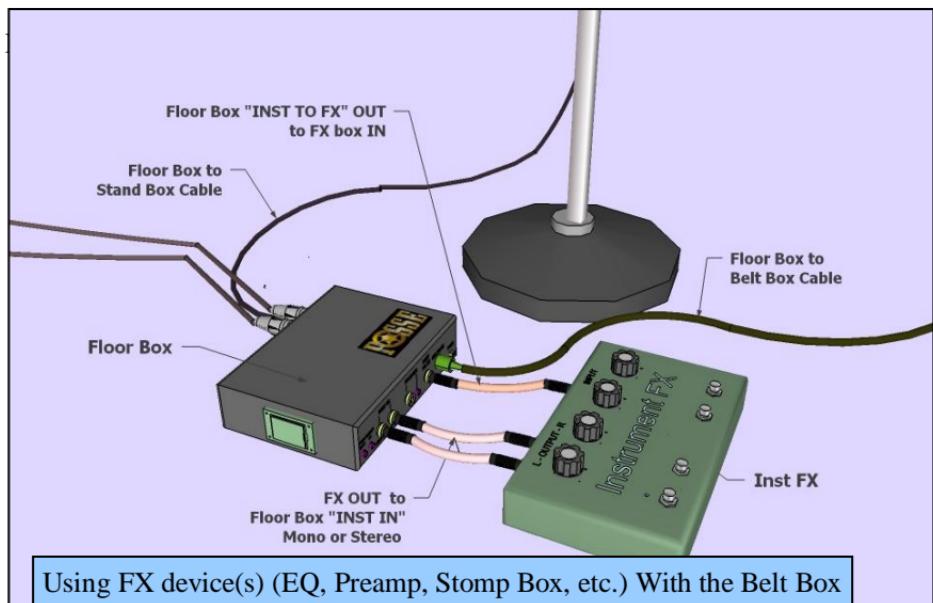
Using the Instrument Mic instead of the Vocal Mic for your instrument allows you to use the tuner in the Stand Box. The Vocal Mic does not route through the tuner.



Several POSSEs and powered stage monitors (in any order) can share a common monitor mix. In the example above, the monitor mix is being sent to the AUX IN R on the 1st POSSE (far right) and then daisy chained to the others, via AUX IN L. AUX inputs must be switched to MONO.



POSSE can be used as a PA system. By connecting the Phones out on the Floor Box to powered speaker(s) (adapter cable not included), The mix that the performer hears in their earphones can be amplified to the room. In the example above, powered cabinets, usually used for stage monitors, have been turned around to face the audience. With the appropriate adapter cables, all of the powered PA speaker cabinet(s) that we tested worked with this application. Note: To avoid feedback, do not use the Room mics.



For detailed instructions and more information about POSSE, go to WWW.posseaudio.com and click on the Applications, FAQs under the Support Tab.

Inputs and Outputs:

-----Floor Box-----

Battery Holder (left side) - 9-volt Alkaline

Front Panel

REC OUT -	Unbalanced Mic Level, High Z, 1/8" stereo mini
MUSIC IN -	Unbalanced Line Level, High Z, 1/8" stereo mini
INST IN L (mono) -	Unbalanced Mic Level, High Z, 1/4" TS phone
INST IN R -	Unbalanced Mic Level, High Z, 1/4" TS phone
PHONES (2)-	Low Z, 1/4" TRS phone
INST TO FX -	Low Z, 1/8" stereo mini
TO BELT BOX -	Unbalanced Mic Level, High Z, 1/4" TS phone
	5pin DIN

Rear Panel

DC 12V 300mA -	Power Supply jack
TO STAND BOX -	Standard HDMI
MIC OUT -	Balanced Mic Level, Low Z, XLR
INST OUT (2) -	Balanced Mic Level, Low Z, XLR
AUX IN L (2) -	Unbalanced Mic Level, High Z, 1/4" TS phone
	Balanced Line Level, 600-10k Ohms, XLR
AUX IN R (2) -	Balanced Line Level, 600-10k Ohms, 1/4" TS/TRS phone
	Balanced Line Level, 600-10k Ohms, XLR
	Balanced Line Level, 600-10k Ohms, 1/4" TS/TRS phone

-----Stand Box -----

Bottom Jack -	Standard HDMI
Side Jack -	Unbalanced Mic Level, HighZ, 1/4" TS phone
Wired Voc Mic Connector -	Balanced Mic Level, LowZ, XLR

-----Belt Box-----

PHONES -	1/8" stereo mini
TO FLOOR BOX -	5pin DIN
INST IN -	Unbalanced Mic Level, HighZ, 1/4" TS phone