



**PX**

# PORTABLE 3-CHANNEL PERSONAL MIXER

For personal IEM/  
headphone  
mixes for live and  
recording

- 3-Channel Mixer
- PoE (Power over Ethernet) or AAA (x2) battery power
- Headphone amplifier
- Each channel can be panned left, right or center
- Cat 5 lossless long-distance signal transmission





# PORTABLE 3-CHANNEL PERSONAL MIXER

For personal IEM/headphone mixes for live and recording



As a musician and/or singer, whether you're performing live, rehearsing with a band or recording in a studio, you need to hear both yourself and the other musicians. But just as importantly, you need to have control over what you hear. Everyone hears differently from their own perspective, so everyone needs to have control over their own mix.

Ideally, you'd have a monitor engineer—but in most situations it's likely that you or another band member are controlling the monitor mix from the stage. Or a sound technician at the other end of the room has the control; but it's hard to communicate with them during a show. Instead of having a fixed monitor mix from the board, PX allows you to set up a simple three-channel monitor mix that allows you to adjust the levels that matter to you the most—on the fly. For example, one knob could control your vocal level, one could control your instrument level, and another could be a submix of other vocals and instruments.

With the PX system, control of that balance is always within reach, and always adjusted perfectly to your liking!



## FUNCTION

- 3-channel mixer and headphone amplifier for personal in-ear-monitoring applications
- Ultra-compact and lightweight design
- Cat 5 cable transmits three channels of audio and 9 volts of (PoE) power
- Three balanced female XLR plugs connect to your mixing console
- Level control knob powers off the unit all the way counterclockwise
- Three balanced XLR to unbalanced 1/4" adapters included
- DIP switches inside PX allow you to control how each channel is panned: left, right, or both
- PoE/battery power switch selects either Cat 5 9V PoE power or 2x AAA battery power
- Runs for up to 5 hours on 2 AAA batteries (not included)
- LED indicates when battery power is being used
- Sturdy beltclip
- Ultra-rugged impact-resistant metal chassis

# PRODUCT INTRODUCTION

## 3-CHANNEL PERSONAL MIXER



PX gives musicians and singers control of their own monitor mix on the fly, without relying on engineers or other band members. Choose three instruments or microphones, or three submixes of any channels, or a combination. Then adjust the levels as necessary as you perform!

## HEADPHONE AMP



In addition to being a three-channel mixer, PX is also a headphone preamp that allows you to control the overall volume of your in-ear monitors. This helps you manage the volume level, ensuring that you hear what you need to hear for optimum performance, while also giving you the ability to lower the volume if and when the levels are too high for comfort.

## EASY ON-STAGE CAT 5 CABLE SETUP



One Cat 5 cable can transmit three analog audio signals over more than 200 feet without any loss of sound quality! Setting up the system is simple and quick, and PX is also super cost-effective.

## 3.5 MM STEREO EARPHONE JACK



PX delivers impressive headroom, making sure you always have the volume you need—with your favorite in-ear monitors, earphones or headphones plugged into the top-mounted, standard 3.5 mm (1/8") stereo output jack.

## LOCKING CAT 5 CABLE INPUT

The Cat 5 cable input connector features a locking mechanism to prevent accidental cable disconnects. Just press the tab next to the bottom-mounted connector to release the cable at the end of the gig.



## POWER

Connecting a 9V / 2A center-negative power supply (not included) can send continuous power to PX through the included 25-foot Xvive EC25 Cat 5 cable, or any Cat 5 cable up to 200 feet long. Alternately, PX can be powered by two AAA batteries for up to 5 hours.



## AUDIO INPUT



The XLR input plugs can accept balanced line signals taken directly from your mixer's aux outputs or main output. For 1/4" aux outputs, use the included XLR-balanced-to-1/4"-unbalanced adapters. This also works with headphone outputs, drum machines, audio interfaces, or any other audio device with a 1/4" output.

## STEREO SETUP FOR OUTPUT



Using DIP switches inside the PX, each of the three channels can be independently sent to the left or right side of your in-ears/earphones/headphones, or both sides. This can help separate the different sound sources and make them easier to hear.

## VOLUME

PX has a master volume control and three channel volume controls. The master volume also serves as an on/off switch, powering off the unit when turned fully counterclockwise. The volume knobs have highly visible pointers on them that make the position of the knob easy to see under low-light conditions.

## HANDY BELT CLIP

A sturdy belt clip secures PX to your side, keeping it easily accessible for you to change levels at any time, whether you're standing, sitting, or moving around a stage. Thanks also to the locked Cat 5 cable, you will feel a tug on the cable if you stray too far but the PX and cable will always stay connected!

## STELLAR SOUND

Due to the unit's high-quality preamp and internal circuitry, and the impeccable signal transmission through the Cat 5 cable, the sound quality sent to your in-ears, earphones or headphones will be pristine.

## EXPAND FOR A BAND

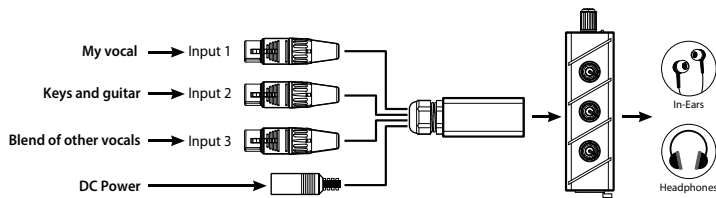
If you want to use the PX system with up to five people simultaneously, and you're able to work with the same three signals from the soundboard or other audio source/s, you can upgrade your system with a PX-H 5-channel hub, and up to four additional PX-A mixer/preamps and EC25 Cat 5 cables. All connected PX units are powered by one 9V/2A power supply connected to a PX-B that feeds audio and power to the hub!



# APPLICATIONS

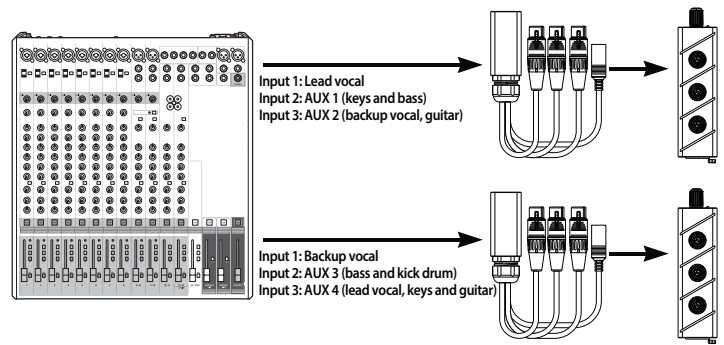
## 1. Basic setup for one musician/singer

Choose and set up what sound sources you want to monitor in your in-ears. If you're a singer, you'll want one of the channels to be your voice. Often you will want to create monitor submixes for the other channels. For example, your second channel could be a mix of guitar and keyboard, sent to an aux out from the soundboard. If you're a bass player, you might want a mix from the drums, especially kick and snare. Singers will usually want a blend of the other vocals. If the band is playing with any backing tracks, sequencers or a click track, the drummer will especially need to hear these. It's also possible to place an ambient mic on the stage to send a general blend of the stage sound to a channel—this can be sent to an aux output but not the main output. Or, you could send the entire mix to a channel on your PX, and use the other two channels to control the level of your voice and your instrument.



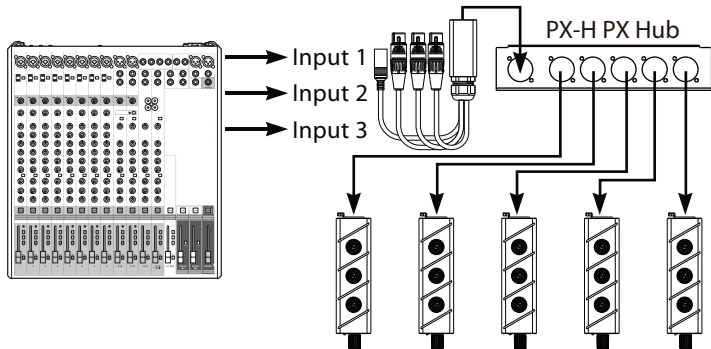
## 2. Setup for two musicians/singers

Two musicians/singers can both be set up with separate PX systems, and have different sound sources sent to their own mixers. Each can choose what they want their three channels to consist of, then set them up in aux sends from the soundboard. The mix can be further optimized by arranging the stereo spread of the sources within the PX units; for example, instruments could be on the left, and voices on the right—or your voice in the center, other voices to the left or right. You decide!



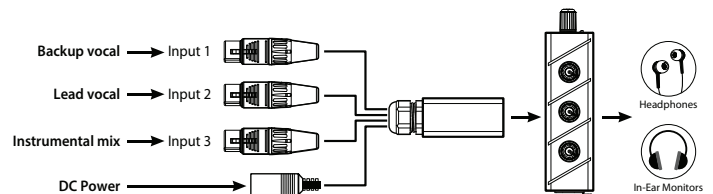
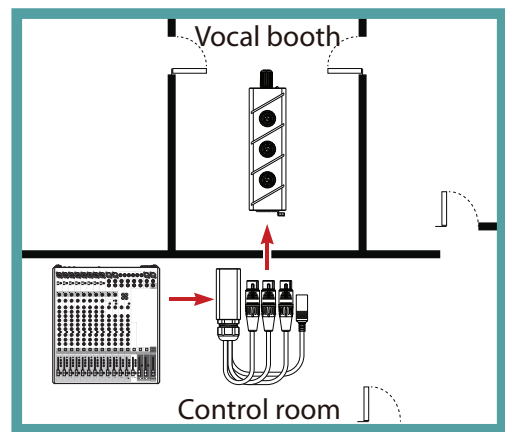
## 3. Setup for a whole band

Any PX system can be expanded to send audio to up to five people, who will all be able to control their own mix of the same three sources from the soundboard. The submixes that you send from the board will depend on the instrumentation of the band, but could be, for example, a) even blend of all vocals; b) mix of guitar/s and keyboard/s; c) bass and drums. If any band member wants sound sources that nobody else wants (for example, the drummer wants a click track, or a singer wants a channel of just their voice), they will need to have their own PX system and not share a feed from a PX-H hub.



## 4. Recording in a studio

Hearing a perfect monitor mix is crucial in the studio, and PX lets you control the blend at all times.



# SPECIFICATIONS

Input type:	XLR balanced
Output type:	1/8" TRS, stereo
Impedance:	8-80 kΩ
Max. output:	2x 150mW @ 16Ω

Power input:	PoE (Power over Ethernet) or 2x AAA batteries
Battery life:	~5 hours
Current:	~210 mA
PoE power requirement:	9V/2A center-negative. Powers up to 5 PX-A units

# PRODUCT



## PX SYSTEM

PX Mixer/Headphone Amplifier Complete System

- One PX-A mixer/headphone amplifier
- One PX-B snake
- One Cat 5 25-foot cable (7.62 meters)
- Three balanced XLR to unbalanced 1/4" TS adapters



## PX-A

PX Mixer/Headphone Amplifier

- One PX-A mixer/headphone amplifier



## PX-B

PX-B 3-Channel Snake

- One PX-B 3-channel snake, with three XLR inputs, one Cat 5 output, and a 5V/2A power input
- Three balanced XLR to unbalanced 1/4" TS adapters



## PX-H

PX Hub

- One Cat 5 input
- Five Cat 5 outputs
- Includes a 19" 1U rackmount kit

## EC25

EC25 Cat 5 Cable

25-foot Cat 5 cable  
(7.62 meters)



## A2

POWER SUPPLY

- Input: AC 100-240V, 50/60Hz
- Output: 9V DC, 2A  $\oplus$   $\ominus$   $\ominus$
- US, UK, AUS, EU versions available

