

PSM® 400 Personal Monitors



Versatile systems for working musicians.



Sound Quality
Hear yourself perfectly.

Mobility

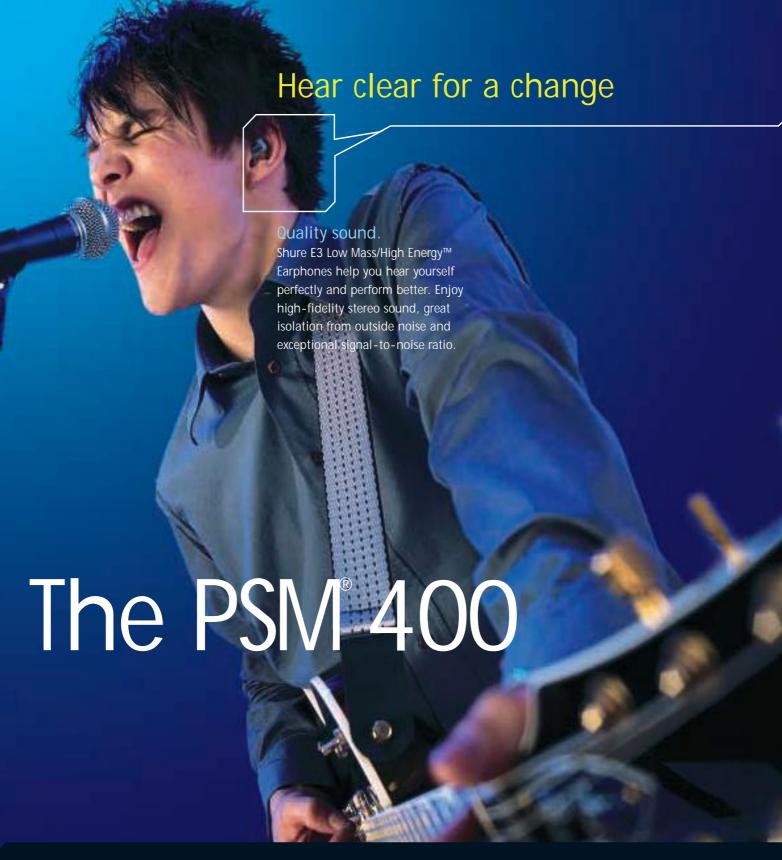
Your mix moves with you onstage.

Contro

Create your own monitor mix.

Portability

Easy to load in and out.



Expand your range onstage

Go anywhere.

With Shure PSM®, the sweet spot moves with you. You hear yourself perfectly wherever you go, not just that spot where the monitor mix sounds best. Visit the drummer or the audience. Nothing will interfere with your mix.

Plug in.

The sleek Wireless Bodypack Receiver (or Hardwired Personal Monitor) clips easily to a belt, guitar strap or pocket. So lightweight, you'll forget it's there.





E3 Earphones Low Mass/High Energy™ Earphones. Standard for all PSM® 400 systems.



E5 Earphones
Dual-driver, Low Mass/
High Energy™ Earphones.
The ultimate step-up for
In Ear performance.

Lower onstage volume

When a band goes In Ear, there's no more fighting over onstage monitor volume. Unlike floor wedges, PSM® Personal Monitors send the mix directly to your ears. Get the volume you need without blasting sound all over the stage.

Consistent volume levels

This personalized mix is for your ears only. So you don't have to crank the volume to dangerous levels to hear your voice or your instrument. A switchable limiter setting reduces the potential for ear strain.

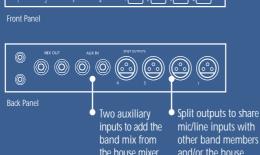
The right way to listen. Precision Shure earphones are designed specifically for use with PSM® systems. Headphones and earbuds pale in comparison to professional earphones developed for the In Ear experience. Don't go In Ear without them.

Create your own personal mix

Four mic/line inputs to plug in the microphones or instruments you want to hear in your mix.

 Level and balance controls for stereo or MixMode® mixing.





P4M Personal Monitor Mixer



Set it yourself.

Get the same mix at every show without annoying setup hassles. Combine up to six inputs from the stage, the house mixer or both. Even make quick adjustments to your mix levels onstage, without getting the engineer's attention.

No more nightmare gigs.
Remember the night everything went wrong with the sound?
A rookie engineer gave an awful mix. The house sound gear couldn't compensate for bad room acoustics. You spent the whole night wondering what you sounded like.
It doesn't have to be that way.

Wireless Bodypack Receiver



(8 compatible)

 LCD display shows mode, limiter and EQ selections, and tracks battery life.

Volume control

engineer.

 Balance knob adjusts left/right balance in stereo or MixMode*

Control it vourself

One knob on the bodypack conveniently raises or lowers your overall mix volume. Another knob adjusts left/right balance in stereo or sets the relative levels in Shure's proprietary MixMode*.



MixMode® control.

Adjust the level of two signals — a vocal and band mix for example - at the same time.

You hear both signals in both earphones, and set the relative levels of each with the balance control on the bodypack.

Wired Personal Monitor



Wired solutions too.
Hardwired systems give stationary performers as much mobility as they need, plus the convenience of body-mounted controls, personal onstage mixers and a wedge-free stage.

Shure Personal Monitor Systems

PSM® 200 Affordable, full-featured entry to personal monitoring. PSM® 400 Versatile systems for working musicians. PSM® 600 Professional wired | wireless systems. PSM® 700 Advanced wireless touring gear.

Lose the Wedges

The days of floor wedges are numbered. Professional musicians and performers worldwide are going In Ear with the clear alternative for monitoring their sound: Shure Personal Monitor Systems (PSM®).

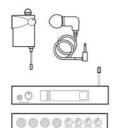
With the PSM® 400, Shure brings affordable personal monitoring control to more performers than ever before. Hear what you want, how you want, wherever you want. It's no contest.

The PSM					
	Sound Quality	Stage Mobility	Personal Control	Lightweight	Clutter-free
PSM [®]	You hear a clearer mix at lower volume levels.	Your mix sounds great and goes where you go.	Create your own mix and adjust it onstage, on the fly.	Never lug another wedge. One case holds the PSM° system for a whole band.	You work a wedge-free stage. Audiences see more you and less gear.
Wedges	Loud. Very loud. Vocal strain.	One sweet spot. You're grounded!	Muddy mix. Nasty feedback.	Heavy to load in. Heavy to load out.	Ugly stage clutter. Obscures your're performance.

Getting started.

Choose from three complete systems.





P4MTRE3

PSM® 400 Wireless Personal Monitor System

With Onstage Mix Control

- 1 Wireless Transmitter
- 1 Wireless Bodypack Receiver
- 1 P4M Personal Monitor Mixer
- 1 E₃ Earphones

IDEAL FOR

Individual vocalists or musicians who want the freedom of complete wireless mobility and the convenience of onstage monitor mixing.

Includes everything you need for your own personal wireless monitor system in one box.





P4TRE3

PSM® 400 Wireless Personal Monitor System

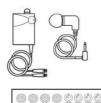
- 1 Wireless Transmitter
- 1 Wireless Bodypack Receiver
- 1 E3 Earphones

IDEAL FOR

Individual vocalists or musicians who want the freedom of complete wireless mobility.

Includes everything you need for your own personal wireless monitor system in one box.





P4MHWE3

PSM® 400 Wired Personal Monitor System

With Onstage Mix Control

- 1 Wired Personal Monitor
- 1 P4M Personal Monitor Mixer
- 1 E₃ Earphones

IDEAL FOR

Individual vocalists or musicians who remain in one location onstage but want the clarity of In Ear sound and the convenience of onstage monitor mixing.

Includes everything need for your own personal wired monitor system in one box.

Or build your own system.

PSM® 400 Components sold separately









Wired Personal Monitor

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Personal Monitor Mixer



Single-Driver Earphones



Dual-Driver Earphones

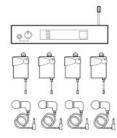
System Example

Band Starter System

The least expensive wireless starter system for a 4-piece band sharing one stereo or two mono monitor mixes.

Start with

Everyone In Ear



Add

A Personal Monitor Mixer for an individual or the band



Then

Additional transmitters (for stereo mixes) and mixers (to create/control the mix) for each band member





Hear and believe. Go In Ear.

Nothing beats a real test drive. Ask for a PSM® demonstration at your local music store.

Specifications

Operating Figural Signal-to-N Wireless Transmitter P4T EP4T Power Requirement Connumber of Signal-to-N Wired Personal Monitor P4HW Power Requirement Conditions (unless otherwise specified): full gain; 1 kHz, one channel activated; source impedances: Mic 150 Ω , Aux level 150 Ω ; terminations: Line 600 Ω Phantom Particular Signal-to-N Personal Monitor Mixer P4M P4ME Measurement Conditions (unless otherwise specified): full gain; 1 kHz, one channel activated; source impedances: Mic 150 Ω , Aux level 150 Ω ; terminations: Line 600 Ω Phantom Particular Signal-to-N Phantom Particular Signal-to-N Personal Monitor Mixer P4M P4ME Measurement Conditions (unless otherwise specified): full gain; 1 kHz, one channel activated; source impedances: Mic 150 Ω , Aux level 150 Ω ; terminations: Line 600 Ω Phantom Particular Signal-to-N Phantom Particular Signal-to-N Particular Signal-to-N Power Requirement Signal-	United States		3:	Europe, Middle East,	Asia, Pacific:	Canada, Latin America,
Operating Figural Signal-to-N Wireless Transmitter P4T EP4T Power Requirement Conditions (unless otherwise specified): full gain; 1 kHz, one channel activated; source impedances: Mic 150 Ω; terminations: Line 600 Ω Operating Fisignal-to-N RF Output Fisignal-to-N Power Requirement Conditions Input Conn Power Requirement Conditions Frequency (Ref 1 kHz, or Impedance (at 1 kHz)) Operating V Phantom P	ity nce I <i>-Driver</i> ity	w Mass/High Energy™ Drivers	115 dB SPL/mW 26 Ω 122 dB SPL/mW 110 Ω		Optional Accessories PA750 Foam Sleeves PA755 Triple Flange Sleeves PA756S Small Flex Sleeves PA756M Medium Flex Sleeves PA756L Large Flex Sleeves	PA758S Small Soft Flex Sleeves PA758M Medium Soft Flex Sleeves PA758L Large Soft Flex Sleeves
Operating Find Signal-to-Nignal Signal-to-Nignal Frequency Find Find Find Find Find Find Find Find			power, but ph pass through respectively. 1.20 Kg (2 lb.,	mm x 162 mm (HWD)	Aux Ins: >70 dB Impedance Mix Outs: 500Ω Output Clipping Level Mix Outs: $+5 \text{ dBV}$ ($10 \text{ k}\Omega$ balanced load, -30 dBV input ch. 1-4.) Crosstalk Split Outs: -100 dB Mix Outs: -70 dB	Yellow: -10 dBV Red: 0 dBV Polarity All outputs in polarity with all inputs. XLR pin 2 is "hot" with respect to pin 3; pin 1 is ground. 1/4" TRS tip is "hot" with respect to ring; sleeve is ground. Temperature Range Operating: -7° to 49° C (20° to 120° F) Storage: -29° to 74° C (-20° to 165° F)
Operating Fisignal-to-N Wireless Transmitter P4T EP4T Power Requirements Input Conn Wireless Bodypack Receiver P4R Net Weight Overall Dim Wired Personal Monitor P4HW Power Requirements Signal-to-N Power Requirements Prequency Signal-to-N Power Requirements	c) ng Voltage	P4ME ment Conditions (unless se specified): full gain; 1 kHz, nnel activated; source nces: Mic 150 Ω , Aux level terminations: Line 600 Ω	(1/L mono) 14-18 VDC non Note: Courtesy from short by Maximum rec (two P4Ms or	is: 5800 Ω Ω (each) 9100 Ω Ininal at 120 mA max current γ DC connector is protected a self-resetting "Polyfuse." commended load is 250 mA one P4T)	Gain (Maximum 10 kΩ load) Mic/Line Inputs: 43 dB Aux Ins: 0 dB Input Clipping Level Mic/Line Inputs: +12 dBV Aux Ins: +12 dBV Crosstalk Mic/Line Inputs: -100 dB Aux Ins: -90 dB Common Mode Rejection Mic/Line Inputs: >75 dB	Distortion (THD at 1 kHz) Split Outs: .0005% Mix Outs: >.05% (0 dBV output) Noise (100 Hz to 22 kHz) Split Outs: -110 dBV Mix Outs: -100 dBV (all controls CCW) -62 dBV (all controls CW) LEDs: Resultant Mix Out Level (10 kΩ load) Green: -30 dBV
Operating F Signal-to-P Wireless Transmitter P4T EP4T Power Requ Input Conn Wireless Bodypack Receiver P4R Net Weight	ncy Response to-Noise Ratio Requirements Life	itor	20 to 20,000 85 dB 9V Alkaline ba Up to 8 hours		Channel Separation 35 dB Maximum Output Level +3 dBV Maximum Input Level +5 dBV, input pad OFF +18 dBV, input pad ON Input Impedance >40 kΩ	Audio Output Connector 3.5mm stereo (left=tip, right=ring, ground=sleeve) Phantom Power Protection Up to 60 VDC
Operating F Signal-to-P Wireless Transmitter P4T EP4T Power Requ			125 g (.28 lb.)	, volume dependent 5mm X 26.2mm (HWD)	Output Level +4 dBV	
Operating F	Requirements	EP4T	(country deper Table-Top AC P4T: PS40 (In Output: EP4T: PS40E (In Output:		Modulation Limiter Internal peak limiter (>10:1 compression) Input Impedance >10 kΩ Maximum Input Level P4T: +10 dBV EP4T: +12 dBV Loop-out Connectors 1/4" TRS electronically balanced	
Monitor System	er Frequency Range ncy Selection ng Range to-Noise Ratio		(country depe 16 per system (country depe	ndent) up to 8 compatible ndent) nment dependent)	Audio Frequency Response 50 to 15 kHz (+0, -3 dB re 1 kHz); earphone dependent Channel Separation 35 dB typical	Earphone Connectors 3.5mm stereo (left=tip, right=ring, ground=sleeve)



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