

SHURE[®]
LEGENDARY
PERFORMANCE™

PSM[®]
Personal Monitor Systems



PSM[®] Personal Monitor Systems

THE SOUND OF CONFIDENCE.

PSM® 900 AND PSM® 1000 PERSONAL MONITOR SYSTEMS

BRINGING STUDIO-QUALITY MONITORING TO THE STAGE.

PSM 900 and PSM 1000 Personal Monitor Systems are the first choice for premier events, professional installations, and prestige tours. Offering legendary Shure audio quality, pristine RF signal with more channels on air, and breakthrough automated features that vastly simplify setup and operation, these systems advance personal monitoring to the highest level.





BOTH SYSTEMS OFFER THESE ADVANCED FEATURES:

CueMode

Use one bodypack to audition up to 20 mixes, at the touch of a button.

Shure Audio Reference Companding

Patented technology to make wireless sound more like wired.

Scan & Sync

Find and assign channels easily, over wireless IR link, in seconds.

Enhanced Audio Quality

Expansive soundstage to enhance detail usually lost in a personal monitor system.

Advanced RF Performance

The cleanest, most dependable signal with precision filtering and automatic RF gain control.

RF Mute Switch

Perform setup operations without disturbing the RF environment.

MixMode®

Create a personal mix for each bodypack by balancing L/R output levels independently.

Noise-Sensitive Squelch

Automatically detect and mute audio before unwanted noise can reach the performer.



Exceptional
Audio Quality



Robust RF
Performance



Category-Leading
Controls

PSM® 900 SYSTEM



NEW P9RA+ Wireless Bodypack Receiver

36 MHz Tuning Range | Wider range, better signal.

The P9RA+ offers enhanced signal reception and range with precision front-end RF filtering to deliver more channels on-air and fewer dropouts.

Half-Rack, Single Channel Transmitter | Precise operation.

The P9T transmitter features intuitive front panel controls and comes in a compact, half-rack chassis.

Up to 20 Compatible Channels | Optimized for efficiency.

Operate 20 compatible channels on one frequency band simultaneously with advanced filtering and vastly reduced frequency intermodulation.



P9T Wireless Transmitter

PSM® 1000 SYSTEM



NEW P10R+ Wireless Bodypack Receiver

72 MHz Tuning Range* | More channels on air.

Deliver up to 39 channels in a single frequency band and fewer dropouts than any other system with the widest PSM tuning range and ultra-linear RF transmission.

Dual-Channel, Networkable Transmitter | Expanded wireless control.

The P10T is a full-rack, dual-channel transmitter housed in a touring-grade, all-metal chassis, with networked control via Ethernet that vastly simplifies setup for high channel counts.

Diversity Bodypack with Full Bandwidth Scan | Enhanced RF performance.

The P10R+ scans the entire 72 MHz bandwidth and sends detailed spectrum information – including a high-resolution frequency plot—to the transmitters via IR sync.





P9HW Wired Bodypack

P9HW Wired Bodypack Personal Monitor System

Wired, stereo bodypack features high contrast LCD menu and rugged aluminum construction.

- Two input channels with MixMode® technology or stereo mode output
 - MixMode allows volume adjustment of the mono blend of two input mixes
 - Stereo mode allows left/right balance adjustment for two mixes
- Volume limiter sets the maximum volume adjustment range
- Switchable line (+4 dBu) and aux (-10 dBV) input level
- Optional Shure SB900 lithium-ion rechargeable battery provides extended runtime
- Preserve battery life with power-save mode and automatic power-off
- 4-band parametric EQ

PSM ACCESSORIES

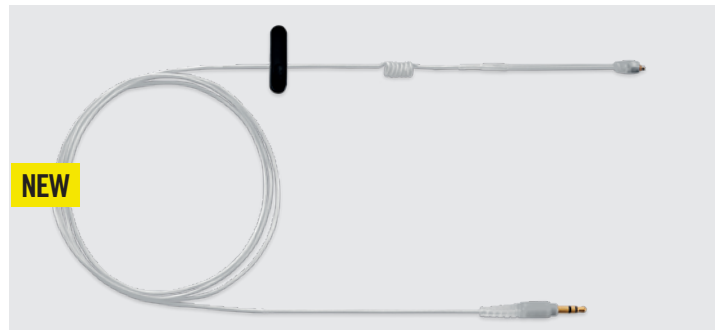


Wireless Workbench® 6

PSM 1000 is fully networkable with the Shure Wireless Workbench 6 wireless system control software. WWB6 offers a rich user interface and robust features to manage and monitor wireless system performance over the network, from pre-show planning



P10T Dual Wireless Transmitter



EAC-IFB Accessory Cable

The EAC-IFB Accessory Cable is a single-sided mono 1/8" (3.5 mm)-to-MMCX cable for use with Sound Isolating™ Ear-phones in professional intercom and monitoring applications.



SB900 Rechargeable Battery

Smart, rechargeable lithium-ion battery that provides up to 10 hours of continuous use, with precision metering of battery life health tracking.

PSM®300 Stereo Personal Monitor Systems

THE NEXT STEP IN ONSTAGE CLARITY.

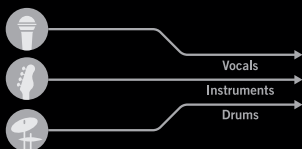
Easy to set up and operate, the Shure PSM 300 Stereo Personal Monitor System puts total freedom within reach of musicians at every level. Customizable two-channel mix and volume lets you hear every note in detailed, 24-bit digital audio from anywhere on the stage. So you can dedicate yourself to the performance. Never bound by wires or wedges.



A CUSTOM MIX IN FOUR SIMPLE STEPS

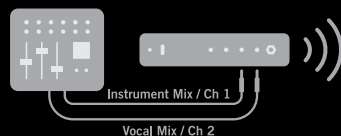
1

Route audio signals from the stage to a mixer or PA System



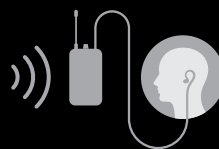
2

Create an instrument mix and a vocal mix, then route each to an input channel on the P3T transmitter



3

Monitor one or both mixes through earphones connected to a P3R or P3RA bodypack receiver



4

Adjust the volume and MixMode® knobs to create a personal mix



PSM®300 SYSTEM

PSM®300 Stereo Wireless Personal Monitor System

P3TR112GR

- P3T Wireless Transmitter
- P3R Stereo Wireless Bodypack Receiver
- SE112 Sound Isolating™ Earphones



PSM®300 Premium Wireless Personal Monitor System

P3TRA215CL

- P3T Wireless Transmitter
- P3RA Premium Wireless Bodypack Receiver
- SE215 Sound Isolating™ Earphones



P3R Stereo Wireless Bodypack Receiver

- Use MixMode® or stereo mode to create a personal 2 channel mix
- Easy-to-adjust volume and mix controls
- Scan function quickly finds an open frequency
- Over 90 dB of dynamic range for precise, low-noise audio
- Up to 7 hours continuous use from 2 AA batteries
- Slim, lightweight bodypack attaches easily to a belt or guitar strap



P3RA Premium Wireless Bodypack Receiver

All P3R features, plus

- Rugged, all-metal construction
- LCD display with menu based navigation
- 2 band shelving EQ with high and low boost
- Volume limiter sets the maximum gain level range
- 2 AA batteries or optional Shure SB900A rechargeable battery power



P3T Wireless Transmitter

- Sends a stereo or mono mix wirelessly to performers onstage
- Detailed, 24-bit digital audio
- Rock-solid analog wireless connection over a 90 meter range
- One-touch IR sync instantly links transmitter to bodypack receiver
- High-contrast LCD screen with audio metering
- Selectable line/aux level
- ¼" (6.3 mm) TRS balanced inputs and loop outputs
- Detachable ¼ wave antenna
- Rack hardware kit included



Sound Isolating™ Earphones

THE PERFECT ACCOMPANIMENT FOR YOUR IN-EAR MONITORING SYSTEM.

Detachable. Replaceable. Customizable.



Shure Sound Isolating™ Earphones feature detachable, Kevlar® reinforced cables that allows easy replacement or customisation.* The formable wire ensures secure placement, and over the ear configuration keeps cables out of the way. The gold plated MMCX connector has a lock-snap mechanism allowing 360 degree rotation for comfortable fit.

SOUND ISOLATING™ EARPHONES

SE215-CL Sound Isolating™ Earphones

Enhanced bass



SPEAKER

Single Dynamic MicroDriver

FEATURES

- Dedicated single woofer and tweeter per channel for accurate and balanced sound
- Rugged and ergonomic build provides long-lasting comfort and durability for on-stage or everyday use
- Detachable, Kevlar® reinforced cable with wireform fit for easy replacement or customization

SE425-CL Sound Isolating™ Earphones

Accurate + balanced sound



SPEAKER

Dual High-Definition MicroDrivers

FEATURES

- Dedicated single woofer and tweeter per channel for accurate and balanced sound
- Rugged and ergonomic build provides long-lasting comfort and durability for on-stage or everyday use
- Detachable, Kevlar® reinforced cable with wireform fit for easy replacement or customization

SE535-CL Sound Isolating™ Earphones

Spacious sound + rich bass



SPEAKER

Triple High-Definition MicroDrivers

FEATURES

- Dedicated dual woofers and a single tweeter per channel for spacious soundstage and rich bass
- Internal crossover routes high and low frequencies for clarity across the audio spectrum
- Rugged and ergonomic build provides long-lasting comfort and durability for on-stage or everyday use
- Detachable, Kevlar® reinforced cable with wireform fit for easy replacement or customization

TECHNICAL SPECIFICATIONS

NOTE: All specifications are subject to change.

PSM® 300 System

RF Carrier Range	518 – 865 MHz (region-dependent)
Compatible Frequencies Per Band	Up to 15
Tuning Bandwidth	24 MHz maximum (region-dependent)
Operating Range	90 m / 300 ft (environment-dependent)
Audio Frequency Response	38 Hz–15 kHz
Signal-To-Noise Ratio	90 dB (typical)
Total Harmonic Distortion (at 1 kHz)	<0.5% (typical) (ref. ± 34 kHz deviation @ 1 kHz)
Companing	Patented Shure Audio Reference Companing
Spurious Rejection	>80 dB (typical)
Frequency Stability	± 2.5 ppm
MPX Pilot Tone	19 kHz (± 1 Hz)
Modulation	FM (Analogue transmission), MPX Stereo (ref. ± 34 kHz deviation @ 1 kHz)
Operating Temperature	-18 °C (0 °F) to $+63$ °C (145 °F)

PSM® 300 Transmitter P3T

RF Output Power	10, 20, 30 mW, region-dependent
Net Weight	783 g
Dimensions	43 × 198 × 172 mm
Power Requirement	12–15 V DC, 260 mA maximum

PSM® 300 Stereo Bodypack P3R

Net Weight	140 g (with batteries)
Dimensions	110 × 64 × 21 mm
Battery Life	5 – 7 hours (continuous use) AA batteries


PSM® 300 Premium Bodypack P3RA

Audio Frequency Response	38 Hz–15 kHz
Signal-To-Noise Ratio	90 dB (typical)
Total Harmonic Distortion (at 1 kHz)	<0.5% (typical) (ref. ± 34 kHz deviation @ 1 kHz)
Operating Temperature	-18 °C (0 °F) to $+63$ °C (145 °F)
Net Weight	196 g (with batteries)
Dimensions	99 x 66 x 23 mm
Battery Life	4 – 5.5 hours (continuous use) AA batteries



PSM® 900 System	PSM® 1000 System
470 – 952 MHz (region-dependent)	470 – 952 MHz (region-dependent)
20	39
36 – 40 MHz (region-dependent)	72 – 80 MHz (region-dependent)
90 m / 300 ft (environment-dependent)	90 m / 300 ft (environment-dependent)
35 Hz – 15 kHz	35 Hz – 15 kHz
90 dB (A-Weighted)	90 dB (A-Weighted)
<0.5% typical (ref. ±34 kHz Deviation @ 1 kHz)	<0.5% typical (ref. ±34 kHz Deviation @ 1 kHz)
Patented Audio Reference Companding	Patented Audio Reference Companding
>80 dB typical (referenced to 12 dB SINAD)	>80 dB typical (referenced to 12 dB SINAD)
±2.5 ppm typical	±2.5 ppm typical
19 kHz (±0.3 kHz)	19 kHz (±0.3 kHz)
FM*, MPX Stereo (*ref. ±34 kHz deviation @ 1 kHz)	FM*, MPX Stereo (*ref. ±34 kHz deviation @ 1 kHz)
-18°C to +57°C	-18°C to +57°C
PSM® 900 Transmitter P9T	PSM® 1000 Transmitter P10T
Selectable 10, 50, and 100 mW (+20 dBm), region-dependent	Selectable: 10, 50, 100 mW (+20 dBm), region-dependent
850 g (1.87 lb)	4.7 Kg (10.4 lb)
197 mm X 166 mm X 42 mm (7.75 in X 6.55 in X 1.65 in)	483 mm x 343 mm x 44 mm (19.0 in. x 13.5 in x 1.7 in)
415 mA typical @ 120 V AC (with RF on in 100 mW power mode, no audio)	Input: 100–240 V AC, 50/60 Hz, 0.5 A max (5.5 max outlet) Output: 100–240 V AC, 50/60 Hz, 5 A max, unswitched
PSM® 900 Bodypack P9RA+	PSM® 1000 Bodypack P10R+
154 g, without batteries	158 g, without batteries
99 mm x 66 mm x 23 mm (3.9 in. x 2.6 in. x 0.9 in.)	99 mm x 66 mm x 23 mm (3.9 in. x 2.6 in. x 0.9 in.)
4-6 hours (continuous use) AA batteries	4-6 hours (continuous use) AA batteries
PSM® 900 Bodypack P9HW	
20 Hz–20 kHz (±3 dB)	
98 dB (A-Weighted)	
<0.2% typical	
-18°C to +63°C	
196 g (6.9 oz) with 2 AA batteries	
99 mm x 66 mm x 23 mm (3.9 in. x 2.6 in. x 0.9 in.)	
9 hours (continuous use) AA batteries	





Whether you're practicing or performing, it's impossible to sound your best if you can't hear what's going on around you.

For years, Shure Personal Monitor Systems and Sound Isolating Earphones have given professional musicians an edge over the wedge.

SHURE[®]
LEGENDARY
PERFORMANCE™

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