神州数码
Digital China

SHURE

PSM® Personal Monitor Systems

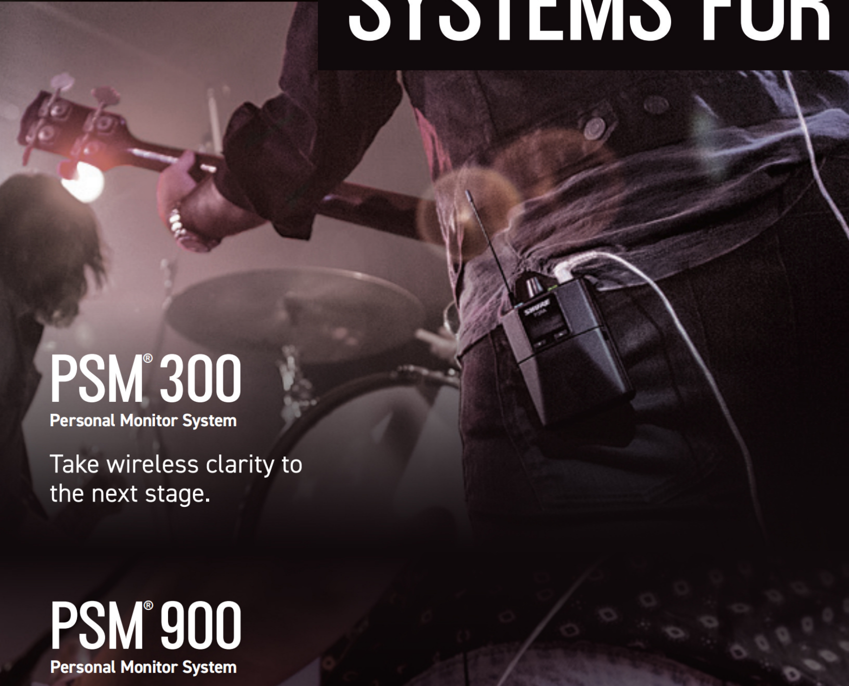
THE SOUND OF CONFIDENCE.

PSM® 1000

Personal Monitor System

Twice the tuning range. Dual-channel.
Double your control.

SYSTEMS FOR



PSM® 300

Personal Monitor System

Take wireless clarity to
the next stage.

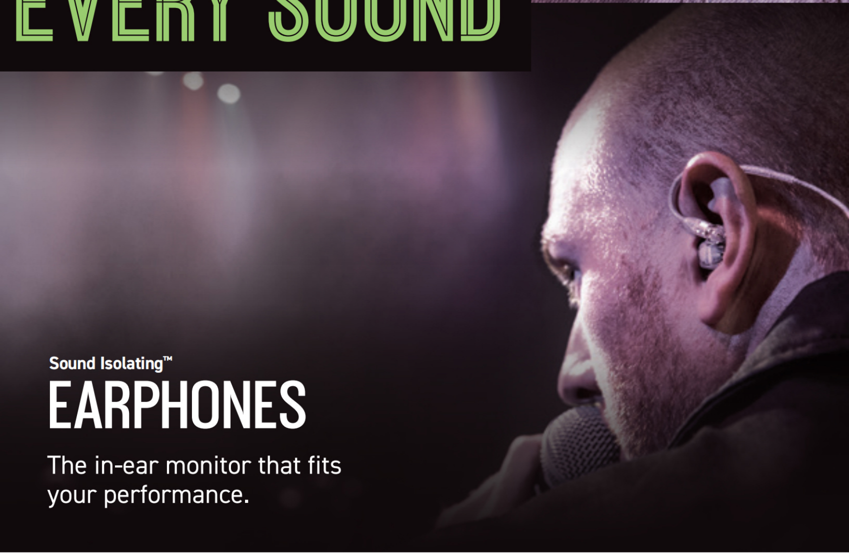
PSM® 900

Personal Monitor System

Get studio-quality monitoring—
even on stage.

SHURE
P9RA+
478.375

EVERY SOUND



Sound Isolating™

EARPHONES

The in-ear monitor that fits
your performance.

PSM® 1000

Personal Monitor System

Pristine RF signal. More channels on air. Breakthrough automation that streamlines setup and use. Play with total audio access from start to finish.

WWB6

72 MHz Tuning Range
More channels on air.

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

Diversity Bodypack with Full Bandwidth Scan
Enhance RF performance.

Detailed spectrum info. High-res frequency plots. IR sync transmission. Scan and send the entire 72 MHz bandwidth with the P10R+.

Dual-Channel, Networkable Transmitter
Expand your wireless control.

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

Wireless Workbench® 6
Manage your network smarter.

PSM 1000 is fully networkable with the Shure Wireless Workbench 6 system control software. Work with a friendly interface and more features to manage and monitor wireless performance over the network, from pre-show planning through post-performance analysis.

SHURE
GUIT1
470.900
G01 Ch01
BASS1
473.475
G01 Ch02

P10T Dual Wireless Transmitter

PSM® 900

Personal Monitor System

For premier events, professional installations, and prestige tours, every detail makes a difference. Perform with the control to always keep your sound at its sharpest.

36 MHz Tuning Range
More options for a strong signal.

Through precision filtering on front-end RF, the P9RA+ enhances your reception and range, delivers more channels on-air, and cuts down on dropouts.

Half-Rack, Single Channel Transmitter
Operate with precision.

Intuitive front panel controls in a compact, half-rack chassis make the P9T transmitter handle the signal smarter.

Up to 20 Compatible Channels
Optimize your efficiency.

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

SHURE
PSM900 Transmitter P9T
LEAD VOX
470.150MHz TV14
G01 CH01 100mW
0dB LINE ST
sync

P9T Wireless Transmitter

System Components

PSM® 900 Personal Monitor System
P9TRA+425CL

- P9T Wireless Transmitter
- P9RA+ Wireless Bodypack Receiver
- SE425 Sound Isolating™ Earphones (1 Pair)

P9RA+ Wireless Bodypack Receiver

TAKE MONITORING TO THE NEXT LEVEL.

1. Exceptional Audio Quality
2. Robust RF Performance
3. Responsive Real Time Control

BOTH PSM® 1000 AND

P10R+ Wireless Bodypack Receiver

System Components

PSM® 1000 Personal Monitor System

P10TR+425CL

- P10T Dual-Channel Wireless Transmitter
- P10TR+ Wireless Bodypack Receivers (2)
- SE425 Sound Isolating™ Earphones (2 Pairs)

P9HW Wired Bodypack

Perform with maximized mix control at your side.

- Two input channels with MixMode® technology or stereo mode output
- Adjust volume of the mono blend on 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
- High-contrast LCD menu stays easy to read under bright lights
- Rugged aluminum construction stands up to stage stress
- Optional Shure SB900A lithium-ion rechargeable battery provides extended runtime
- Preserve battery life with power-save mode and automatic power-off
- 4-band parametric EQ

P9HW Wired Bodypack

System Components

P9HW Hardwired Personal Monitor System

P9HW

- P9HW Hardwired Bodypack Receiver
- PA720 Input Cable

PSM® 900 FEATURE:

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

Shure Audio Reference Companding
Patented technology makes wireless sound more like wired.

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

Enhanced Audio Quality
Expansive soundstage to preserve 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.

KEEP PLAYING WITH POWER.

SB900A Rechargeable Battery

- Smart, rechargeable lithium-ion cell
- Provides up to 10 hours of continuous use
- Precision metering of battery health

PSM® 300

Personal Monitor System

Free your performance from wires and wedges. From any position, on any stage, hear every note in detailed, 24-bit digital audio.

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

SHURE PSM300 Transmitter P3T

P3T Wireless Transmitter

P3R Wireless Bodypack Receiver

P3R 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 90dB of dynamic range for precise, low-noise audio
- Up to 7 hours continuous use from 2 AA batteries
- Slim, lightweight bodypack attaches easily to belt or guitar strap

System Components

PSM® 300 Wireless Personal Monitor System

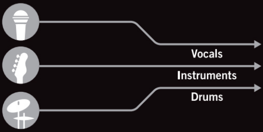
P3TR112GR

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

A CUSTOM MIX IN FOUR SIMPLE STEPS.

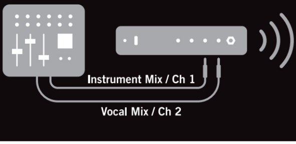
1.

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



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

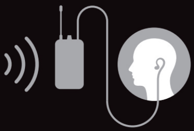
P3RA Premium Wireless
Bodypack Receiver

System Components
PSM® 300 Premium Wireless Personal Monitor System
P3TRA215CL

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

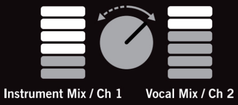
3.

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



SOUND ISOLATING™ EARPHONES

More precise audio. More cable customization. More unique sound signatures. More of everything but background noise. Precision-engineered Sound Isolating™ Earphones come with single, dual, triple, or even quadruple high-definition drivers so you always get the right level of detail in your monitor.

SE112 Sound Isolating™ Earphones

Great sound + deep bass

Speaker

Single driver

Features

- Single driver delivers great sound with deep bass
- Comfortable sound isolation technology prevents up to 37 dB of ambient noise
- Attached 50" cable

SE215 Sound Isolating™ Earphones

Detailed sound + enhanced bass

Speaker

Single high-definition driver

Features

- Dynamic MicroDriver
- Comfortable sound isolation technology prevents up to 37 dB of ambient noise
- Optimized nozzle angle is designed to rest comfortably in the ear
- Detachable 64" cable with moldable wire for secure over-the-ear fit

SE425 Sound Isolating™ Earphones

Accurate + balanced sound

Speaker

Dual high-definition drivers

Features

- Dedicated single woofer and tweeter per channel provide natural sound
- Comfortable sound isolation technology prevents up to 37 dB of ambient noise
- Optimized nozzle angle is designed to rest comfortably in the ear
- Detachable 64" cable with moldable wire for secure over-the-ear fit

SE535 Sound Isolating™ Earphones

Spacious sound + rich bass

Speaker

Triple high-definition drivers

Features

- Dedicated dual woofers and single tweeter per channel delivers spacious soundstage with rich bass
- Internal crossover routes high and low frequencies for clarity across the audio spectrum
- Sound isolation technology prevents up to 37 dB of ambient noise while optimized nozzle angle rests comfortably in the ear
- Detachable 64" cable with moldable wire for secure over the-ear fit

Detachable. Replaceable. Indispensable.

Customize your IEM setup to your needs. The Kevlar® reinforced cables can be easily removed and swapped for new ones.

SE846 Sound Isolating™ Earphones
High-end clarity + unparalleled low-end

Speaker
Quad high-definition MicroDrivers with true subwoofer

Features

- Three-way audio system configuration for dedicated low, mid, and high frequency distribution
- Adjustable frequency response for customized sound signature (balanced, warm, and bright options)
- Sound isolation technology prevents up to 37 dB of ambient noise while optimized nozzle angle rests comfortably in the ear
- Detachable 64" cable with moldable wire for secure over the-ear fit

IFB MADE EASY WITH PSM®

Interruptible Foldback Accessory Cable
EAC-IFB

- For professional intercom and monitoring use with Sound Isolating™ earphones
- Single-sided mono 1/8"(3.5 mm)-to-MMCX cable

SYSTEM COMPONENTS

PSM® 1000 Personal Monitor System
P10TR+425CL

- P10T Dual-Channel Wireless Transmitter
- P10TR+ Wireless Bodypack Receivers (2)
- SE425 Sound Isolating™ Earphones (2 Pairs)

PSM® 900 Personal Monitor System

P9TRA+425CL

- *P9T Wireless Transmitter*
- P9RA+ Wireless Bodypack Receiver
- SE425 Sound Isolating™ Earphones (1 Pair)

PSM® 300 Wireless Personal Monitor System

P3TR112GR

- P3T Wireless Transmitter
- P3R 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

TECHNICAL SPECIFICATIONS

NOTE: All specifications are subject to change.

	PSM® 300 System	**PSM® 900 System**	**PSM® 1000 System**
RF Carrier Range (region-dependent)	518 – 865 MHz	470 – 952 MHz	470 – 952 MHz
Compatible Frequencies Per Band	Up to 15	20	39
Tuning Bandwidth (region-dependent)	24 MHz maximum	36 – 40 MHz	72 – 80 MHz
Operating Range (environment-dependent)	300 ft (90 m)	300 ft (90 m)	300 ft (90 m)
Companding	Patented Audio Reference Companding	Patented Audio Reference Companding	Patented Audio Reference Companding
Spurious Rejection (typical, referenced to 12 dB SINAD)	>80 dB	>80 dB	>80 dB
Frequency Stability (typical)	±2.5 ppm	±2.5 ppm	±2.5 ppm
MPX Pilot Tone	19 kHz (±1 Hz)	19 kHz (±0.3 kHz)	19 kHz (±0.3 kHz)
Modulation (ref. ±34 kHz deviation @ 1 kHz)	FM, MPX Stereo	FM, MPX Stereo	FM, MPX Stereo

	P3T Transmitter	**P9T Transmitter**	**P10T Dual-Channel Transmitter**

RF Output Power (region-dependent)	10, 20, 30 mW	Selectable 10, 50, and 100 mW	Selectable 10, 50, 100 mW
Net Weight	1.73 lb (783 g)	1.87 lb (850 g)	10.4 lb (4.7 kg)
Dimensions (H × W × D)	1.7 × 7.79 × 6.77 in (43 × 198 × 172 mm)	1.7 × 7.75 × 6.55 in (43 × 197 × 166 mm)	1.7 × 19.0 × 13.5 in (43 × 483 × 343 mm)
Power Requirements	12 – 15 V DC, 260 mA maximum	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

	P3R Bodypack Receiver	**P9RA+ Bodypack Receiver**	**P10R+ Bodypack Receiver**
Net Weight	3.5 oz (98 g) without batteries	5.4 oz (154 g) without batteries	5.6 oz (158 g) without batteries
Dimensions (H × W × D)	4.3 × 2.5 × 0.8 in (110 × 64 × 21 mm)	3.9 in. × 2.6 in. × 0.9 in (99 × 66 × 23 mm)	3.9 × 2.6 × 0.9 in (99 × 66 × 23 mm)
Battery Life (continuous use)	AA batteries: up to 7 hours	AA batteries: up to 6 hours SB900A: up to 8 hours	AA batteries: up to 6 hours SB900A: up to 8 hours
Audio Frequency Response	38 Hz – 15 kHz	35 Hz – 15 kHz	35 Hz – 15 kHz
Signal-To-Noise Ratio (A-weighted, typical)	90 dB	90 dB	90 dB
Total Harmonic Distortion (typical, ref. ±34 kHz deviation @ 1 kHz)	<0.5%	<0.5%	<0.5%
Operating Temperature	0 to +145 °F (−18 to 63 °C)	0 to +145 °F (−18 to 63 °C)	0 to +145 °F (−18 to 63 °C)

	P3RA Premium Bodypack Receiver	**P9HW Hardwired Bodypack Receiver**
Net Weight	6.6 oz (196 g) with batteries	6.6 oz (196 g) with batteries
Dimensions (H × W × D)	3.9 × 2.6 × 0.9 in (99 × 66 × 23 mm)	3.9 in. × 2.6 in. × 0.9 in (99 × 66 × 23 mm)
Battery Life (continuous use)	AA batteries: up to 5 hours 30 minutes SB900A: up to 7 hours	AA batteries: up to 9 hours SB900A: up to 9 hours, 50 minutes
Audio Frequency Response	38 Hz – 15 kHz	20 Hz – 20 kHz (±3 dB)
Signal-To-Noise Ratio (A-weighted, typical)	90 dB	98 dB
Total Harmonic Distortion (typical, ref. ±34 kHz deviation @ 1 kHz)	<0.5%	<0.2%
Operating Temperature	0 to +145 °F (−18 to 63 °C)	0 to +145 °F (−18 to 63 °C)

SHURE

SOUND EXTRAORDINARY

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All specifications are subject to change.

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