

SHURE[®]

LEGENDARY
PERFORMANCE™



PSM[®]300 Stereo Personal Monitor Systems

**CLEAR SOUND. CUSTOM CONTROL.
AT EVERY CORNER OF THE STAGE.**

PSM®300 Stereo Personal Monitor Systems

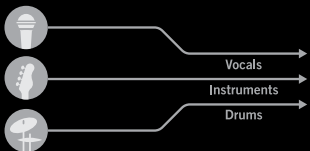
THE NEXT STEP IN ONSTAGE CLARITY.

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

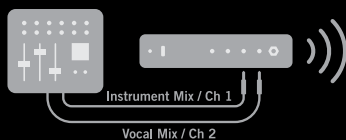
1

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



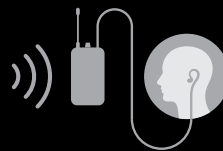
2

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



AVAILABLE PSM®300 SYSTEM CONFIGURATIONS

P3TR112GR

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



P3TRA215CL

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



PSM®300 COMPONENTS



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 90 dB of dynamic range for precise, low-noise audio
- Up to 6 hours continuous use from 2 AA batteries
- Slim, lightweight bodypack attaches easily to a belt or guitar strap



P3RA Professional 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 SB900 rechargeable battery power

AVAILABLE WITH

SE112 Sound Isolating™ Earphones

Full-range sound and deep bass for accurate listening onstage.



AVAILABLE WITH

SE215 Sound Isolating™ Earphones

Detailed sound and enhanced bass with a low-profile design for discreet usage.



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 300 foot (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

Technical Specifications

NOTE: All specifications are subject to change.

PSM®300 SYSTEM

RF Carrier Range	488–937.5 MHz (Note: varies by region)
Compatible Frequencies Per Band	up to 15
Tuning Bandwidth	24 MHz maximum (Note: varies by region)
Operating Range	90 m (300 ft)
Audio Frequency Response	38 Hz–15 kHz
Signal-to-Noise Ratio	90 dB (typical)
Total Harmonic Distortion	<0.5% (typical) (ref. ±34 kHz deviation @ 1 kHz)
Companding	Patented Shure Audio Reference Companding
Spurious Rejection	>80 dB (typical)
Frequency Stability	±2.5 ppm
MPX Pilot Tone	19 kHz (±1 Hz)
Modulation	FM*, MPX Stereo (ref. ±34 kHz deviation @ 1 kHz)
Operating Temperature	–18 °C (0 °F) to +63 °C (145 °F)

P3RA PROFESSIONAL WIRELESS BODYPACK RECEIVER

Active RF Sensitivity (at 20 dB SINAD)	2.2 µV
Image Rejection	>90 dB
Adjacent Channel Rejection	>60 dB
Intermodulation Attenuation	>50 dB
Blocking	>60 dB
Audio Output Power (1 kHz @ <1% distortion, peak power, @32 Ω)	80 mW (per output)
Minimum Load Impedance	16 Ω
Headphone output	3.5 mm (1.8") stereo
Net Weight	196 g (6.9 oz.) (with batteries)
Dimensions (H × W × D)	99 × 66 × 23 mm (3.9 × 2.6 × 0.9 in.)
Battery Life	4–5.5 hours (continuous use) AA batteries 5.5–7 hours (continuous use) SB900 Rechargeable Battery

P3R WIRELESS BODYPACK RECEIVER

Active RF Sensitivity (at 20 dB SINAD)	2.2 µV
Image Rejection	>90 dB
Adjacent Channel Rejection	>60 dB
Intermodulation Attenuation	>50 dB
Blocking	>60 dB
Audio Output Power (1 kHz @ <1% distortion, peak power, @32 Ω)	80 mW (per output)
Minimum Load Impedance	16 Ω
Headphone output	3.5 mm (1.8") stereo
Net Weight	98 g (3.5 oz.) (without batteries)
Dimensions (H × W × D)	110 × 64 × 21 mm (4.3 × 2.5 × 0.8 in.)
Battery Life	5–7 hours (continuous use) AA batteries

P3T TRANSMITTER

RF Output Power	10, 20, 30 mW Note: varies by region
RF Output Impedance	50 Ω (typical)
Net Weight	783 g (27.6oz.)
Dimensions (H × W × D)	43 × 198 × 172 mm (1.7 × 7.8 × 6.8 in.)
Power Requirements	12–15 V DC, 260 mA maximum

Accessories



SB900

Shure Lithium-Ion Rechargeable Battery.
Compatible with P3RA bodypack receivers.



SBC100

USB Single Battery Charger can be powered from both A/C power sources and USB ports.



SBC200

Dual-docking Shure battery charger.



PA411

Distributes DC power and RF signal for up to four Shure PSM transmitters.

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