

Technical Specifications

NOTE: All specifications are subject to change.

PSM®300 SYSTEM

RF Carrier Range	518 – 865 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 (Analog transmission), MPX Stereo (ref. ±34 kHz deviation @ 1 kHz)
Operating Temperature	-18 °C (0 °F) to +63 °C (145 °F)

P3R STEREO 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	140 g (with batteries)
Dimensions (H x W x D)	110 x 64 x 21 mm
Battery Life	5 – 7 hours (continuous use) AA batteries

P3RA PREMIUM 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 (with batteries)
Dimensions (H x W x D)	99 x 66 x 23 mm
Battery Life	4 – 5.5 hours (continuous use) AA batteries 5.5 – 7 hours (continuous use) SB900 Rechargeable Battery

P3T WIRELESS TRANSMITTER

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

SHURE
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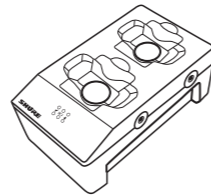
Accessories



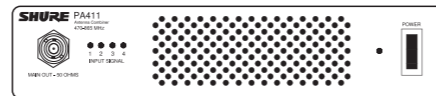
SB900 Shure Lithium-Ion Rechargeable Battery
Compatible with P3RA bodypack receivers.



SBC100 USB Single Battery Charger
Can be powered from both A/C power sources and USB ports.



SBC200 Dual-docking Shure battery charger
This compact and portable unit charges batteries while in transmitters or out.



PA411 Antenna Combiner
Distributes DC power and RF signal for up to four Shure PSM transmitters.

SHURE
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PERFORMANCE™

PSM®300

Stereo Personal Monitor Systems



NEW

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.

AVAILABLE SYSTEM CONFIGURATIONS

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



PSM[®]300 COMPONENTS



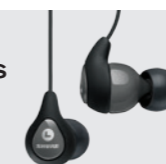
P3R Stereo Wireless Bodypack Receiver

- 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

AVAILABLE WITH

SE112 Sound Isolating™ Earphones

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



P3RA Premium Wireless Bodypack Receiver

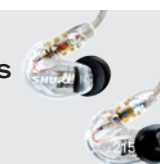
All P3R features, plus

- 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 SB900 rechargeable battery power

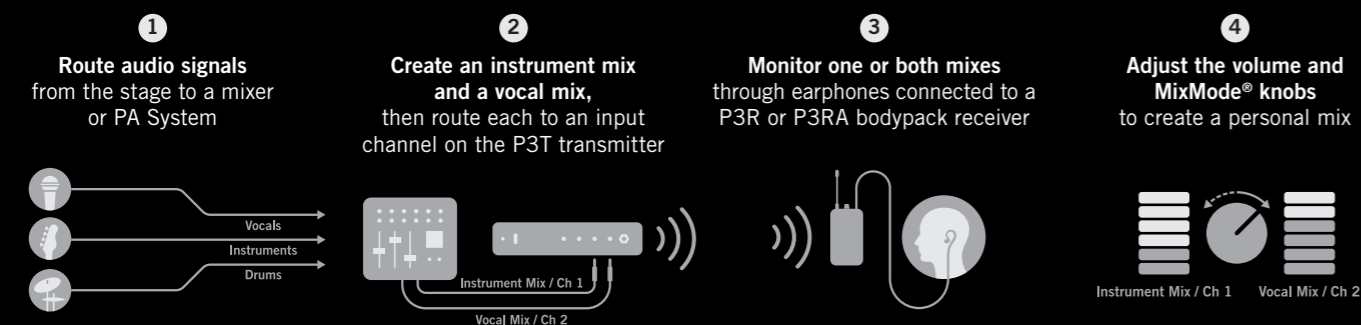
AVAILABLE WITH

SE215 Sound Isolating™ Earphones

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



A CUSTOM MIX IN FOUR SIMPLE STEPS



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