

PSM[®]

personal monitors



for installed sound



SHURE[®]
IT'S YOUR SOUND[™]

BETTER SOUND FOR THE CONGREGATION...

More and more houses of worship are incorporating music into their services. And the more contemporary services are including instruments like drums and electric guitars, which can be quite loud.

Clearly, the musicians need to hear themselves perform. But having loudspeakers in the performance area can make it harder to get good sound for the audience, especially in the first few rows.

Now there's a better solution.

Unlike conventional floor monitors, Shure's PSM® Personal Monitors function as a closed system. The mix is sent directly to the performer's ear, so there is no chance of the monitors coloring or competing with the front-of-house speakers. The difference in perceptible sound quality is truly amazing.

Installing a PSM® system also eliminates the risk of feedback that can occur when users (intentionally or unintentionally) alter the position of the floor monitors relative to the microphones.

IS ONLY THE BEGINNING.

PSM® Personal Monitors offer additional benefits that your congregation will definitely appreciate, including:

- A cleaner, more attractive performance area without bulky floor monitors
- Personal volume and balance controls for the individual performers
- Better mix quality with the ability to hear sounds clearly at a lower volume

SHURE PSM® – AT HOME IN ANY INSTALLATION

To meet the budget requirements for a wide range of installations, Shure offers a full line of PSM® systems in both wireless and hardwired configurations.

PSM® 700 Wireless Personal Monitor System

With two groups of 16 compatible UHF frequencies, the PSM® 700 gives system engineers the power to create up to 16 stereo mixes simultaneously – an important feature for larger installations with many performers who want their own mix.

Other PSM® 700 features include:

- Frequency Locator Mode – Reduces set-up time by allowing the installer to locate the most optimal frequencies using the receiver as a tool.
- Dynamic Overload Control – Automatically protects the system from distortion that can occur when a performer gets too close to the transmitter.
- Linkable Antenna Combiners – PSM® 700 antenna combiners can be linked into one dedicated combiner to minimize the number of antennas used during the performance.



PSM® 700 Wireless System

PSM®600 Personal Monitor Systems

Shure's first entry in the personal monitor category continues to be the most cost-effective, full-featured system on the market. The wireless PSM® 600 system offers two-channel selectable UHF operation with the ability to use up to 10 systems simultaneously. A hardwired unit is also available for applications where wireless mobility is not a consideration (e.g., seated performers such as drummers, keyboards and orchestra members).



PSM®600 Hardwired System

PSM®400 Personal Monitor Systems

Designed to make personal monitoring available to a wider range of performers, the PSM® 400 sets a new standard for price and performance. Available in both wireless and hardwired versions, this latest addition to the PSM®family offers user-friendly features such as LCD controls and a battery fuel gauge. The wireless system is frequency agile with 16 UHF frequencies (8 compatible).

All Shure PSM®systems feature mono, stereo and MixMode™ operation. MixMode™ gives performers greater control over their monitor mix by turning the body-pack receiver into a 2-channel mixer.



PSM®400 Wireless system

TWO EXCLUSIVES THAT SET SHURE PERSONAL MONITORS APART:

P4M Personal Monitor Mixer

Designed to provide greater control and flexibility in monitoring situations, the P4M interfaces with both personal monitor and floor monitor systems. For the performer, the P4M offers the ability to make quick adjustments without having to go back to the main mixer. For the installer, the P4M's routing capabilities make it a great solution not only for monitoring, but for any application that can benefit from a convenient 2-bus mixer.



P4M Personal Monitor Mixer

E5 and E1 Low Mass/High Energy™ Earphones

Sound quality and isolation are the two most important things to consider when choosing an earphone. Shure's E1 and E5 earphones provide superior sound quality due to their high fidelity, full-bandwidth transducer design. The E5 features a special dual-driver earphone with an extended frequency response for truly incredible sound. The natural design of both universal earphones allow them to rest comfortably in the ear; the tight seal provides great isolation and a snug fit to hold the earphones securely in place.



E1 Earphones



E5 Dual-Driver Earphones

WANT TO KNOW MORE?

For more detailed information about any Shure PSM®Personal Monitor System, call 1-800-25-SHURE and ask for Applications Engineering. Or check out our PSM®web pages at www.shure.com.

specifications charts

WIRELESS SYSTEMS		SHURE PSM®700 Wireless	SHURE PSM®600 Wireless	SHURE PSM®400 Wireless
WIRELESS SYSTEM	NUMBER OF SELECTABLE CHANNELS	32	2	16
	NUMBER OF COMPATIBLE CHANNELS	16	10	8
	OUTPUT LEVEL	+6 dBV @ 0.9% THD+N	+6 dBV @ 0.9% THD+N	+3 dBV @ 1.5% THD+N
	SIGNAL TO NOISE RATIO	78 dB	78 dB	80 dB
	STEREO SEPARATION	35 dB	35 dB	35 dB
WIRELESS TRANSMITTER	RF OUTPUT POWER	100 mW	100 mW	50 mW
	FREQUENCY SELECTION METHOD	front panel rotary switch with slide switch	front panel slide switch	recessed, momentary button
	STEREO/MONO SELECTION METHOD	front panel slide switch	front panel slide switch	automatic
	INPUT LEVEL CONTROL	front panel knob	front panel knob	none
	AUDIO METERING	8-LED string	8-LED string	4-LED string
	LOCAL HEADPHONE AMPLIFIER	1/4" & 1/8" jack	1/4" & 1/8" jack	1/8" jack
	ANTENNA	front or rear mounting	front or rear mounting	attached, front-mounted
	INPUT CONNECTORS	XLR/1/4" combo	XLR/1/4" combo	1/4" TRS
	LOOP THRU OUTPUTS	1/4" TRS	1/4" TRS	1/4" TRS
	LIMITING	built-in	built-in	built-in
	POWER SUPPLY	110/220V 3-prong IEC	110/220V 3-prong IEC	locking, external 15VDC (PS40)
	RACK MOUNTING	1/2 rack all hardware included	1/2 rack all hardware included	1/2 rack all hardware included
INPUT PAD	Yes	Yes	No	
WIRELESS RECEIVER	POWER SUPPLY/BATTERY LIFE	9V/4-6 hours	9V/4-6 hours	9V/6-8 hours
	ANTENNA	detachable whip lemo threaded	detachable whip lemo threaded	attached whip bottom exit
	BATTERY STATUS INDICATOR	low battery LED	low battery LED	fuel gauge & LEDs in LCD
	VOLUME CONTROL	top-mounted knob	top-mounted knob	top-mounted knob
	LIMITING	defeatable	defeatable	defeatable
	EQUALIZATION	10 kHz shelf	10 kHz shelf	10 kHz shelf
	FREQUENCY SELECTION METHOD	DIP switch & rotary switch in battery compartment	DIP switch in battery compartment	push button
	PERSONAL MIX CONTROL	MixMode™ & panning/balance knob	MixMode™ & panning/balance knob	MixMode™ & panning/balance knob
	RF INDICATOR	LED	LED	LCD
EARPHONES	MODEL NUMBER	E5	E1	E1
	DRIVERS (per ear and type)	2 balanced armatures	1 balanced armature	1 balanced armature
	UNIVERSAL SLEEVES	foams, triple flanges, flex tips	foams, triple flanges, flex tips	foams, triple flanges, flex tips
	CUSTOM SLEEVES	custom sleeves available	custom sleeves available	custom sleeves available
ACCESSORIES	4x1 antenna combiner, unidirectional antenna for remote mounting	4x1 antenna combiner, unidirectional antenna for remote mounting		

HARDWIRED SYSTEMS		SHURE PSM®600 Hardwired	SHURE PSM®400 Hardwired
BODYPACK	FREQUENCY RESPONSE	20-20,000 Hz +/- 0 dB	20-20,000 Hz +/- 0 dB
	SIGNAL-TO-NOISE RATIO	85 dB (minimum)	85 dB (minimum)
	MAXIMUM INPUT LEVEL (PAD OFF)	+5 dBV	+5 dBV
	MAXIMUM OUTPUT LEVEL @ N% THD	+2.3 dBV @ 1% THD	+6 dBV @ 1% THD
	STEREO SEPARATION	35 dB	35 dB
	LIMITER THRESHOLD	-1.6 dBV	-7.8 dBV
FEATURES	VOLUME CONTROL	top mounted knob	top mounted knob
	PERSONAL MIX CONTROL	MixMode™	MixMode™
	INPUT LEVEL METER	None	3 segment
	EQUALIZATION	Hi-Frequency Boost	Hi-Frequency Boost
	PAD	-15 dB	-15 dB
	LIMITER	defeatable	defeatable
	POWER SUPPLY - BATTERY LIFE	9V - 17 hours	9V - 17 hours
	BATTERY STATUS INDICATOR	Low Battery LED	3 segment fuel gauge
	CONNECTIONS (Inputs)	attached 10' dual XLR	attached 10' dual XLR
CONNECTIONS (Output)	1/8" stereo earphone	1/8" stereo earphone	
EARPHONES	MODEL NUMBER	E1	E1
	DRIVER TYPE	Low Mass/High Energy	Low Mass/High Energy
SLEEVES	UNIVERSAL	foams, triple flanges, small medium and large flex sleeves	foams, triple flanges, small medium and large flex sleeves
	CUSTOM	57 custom sleeves	57 custom sleeves



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