



- The WMS400 is **half the operating cost** utilizing a single AA battery.
- Only system of the three with a **rechargeable** solution.
- Only system to offer an **accurate battery life display** on the transmitter.
- Significantly outperforms all systems in **signal-to-noise** and **frequency response**.
- Transmitters offer a **greater transmission power** at 50 mW.
- **24-channel operation** in two 30 mHz bands, compared to only 12 systems in the Shure PGX series.
- The PGX has no option for **external antenna distribution** because of its front-mounted fixed antennas.
- **Bi-color programmable display** to notify the user of the performance status.
- Only system to offer **rehearsal mode** for optimizing antenna location in reference to the transmitters.

## COMPARISON

## AKG WMS400 vs. Shure PGX, SLX & Sennheiser E100 G2

Transmitter	WMS 400	PGX	SLX	e100 G2
Housing material	plastic	plastic	plastic	metal
Housing size HT	miniature	normal	normal	normal
Housing size PT	miniature	normal	normal	miniature
Data transmission to receiver	✓	✓	✓	✓
Backlight display	-	-	✓	✓
Infrared download	✓	✓	✓	-
Silent mode	✓	-	-	-
External mute switch @ PT	✓	-	-	-
Changeable acoustics @ HT	-	-	✓	-
Maximum transmission power	50 mW	30 mW	30 mW	30 mW
Battery type	1 x AA	2 x AA	2 x AA	2 x AA
Operation time w/ batteries	6 h	8 h	8 h	8 h
Operation time w/ rechargeables	8 h	-	-	?
Charging contacts	✓	-	-	-
Remaining battery time display	✓	-	-	-
Gain setup (HT)	2 pos. via IR	2 pos. pad	2 pos. pad	Full range (el.)
Gain setup (PT)	Full Range (mech & IR)	3 pos. pad	2 pos. pad	Full range (el.)
Inscribable color code	✓	-	-	-

Receiver	WMS 400	PGX	SLX	e100 G2
Audio frequency range	35-20000 Hz	45-15 kHz	45-15 kHz	40-18000 kHz
S/N ratio	120 dB (A)	> 100 dB (A)	> 110 dB (A)	>= 110 dB (A)
T.H.D. (1kHz)	< 0.3 %	0.50%	0.50%	<= 0.9 %
Number of bands	2ea. @ 30 mHz	1 ea. 18 mHz	3ea. @ 24 mHz	3ea. @ 36 mHz
Multichannel ability per band	12	12	12	8
Maximum multichannel system	24	12	20	24
Antenna location	Rear/BNC	Front/Fixed	Rear/BNC	Rear/BNC
Antenna dist. option	✓	-	✓	✓
Auto setup	✓	✓	✓	(only 4 sys per band)
Infrared uplink	✓	✓	✓	-
Country specific presets	✓	-	-	-
Tune modus	✓	-	✓	✓
Backlight display	✓	-	✓	✓
Bicolor status display	✓	-	-	-
Programmable status display	✓	-	-	-
Tx battery fuel gauge	-	-	✓	✓
Tx low battery display	✓	-	✓	✓
Recessed volume control	✓	-	-	-
Housing material	metal / plastic	plastic	metal / plastic	metal / metal
Rack mount included	✓	-	✓	?
Carrying case included	✓	✓	-	-

## COMPARISON

**AKG WMS400 vs. Shure PGX, SLX & Sennheiser E100 G2****Price Comparison**

	AKG WMS400/D880	Shure PGX2/SM58	Shure SLX24/SM58	Sennheiser G2 EW135
Pro user	\$698.00	est. \$598	\$902.00	\$835.00
MAP/street	\$499.00	est. \$399	\$599.00	\$499.00
Dealer	\$367.00	est. \$299	\$451.00	\$339.00

Pricing is based on HT systems with dynamic head.

**Battery Cost Savings Example**

	Competition AA (2 ea.)	Competition 9-v (1 ea.)	AKG AA (1 ea.)	AKG AA - CU400
2 channel system	\$0.70	\$2.43	\$0.70	
5 hours a night	\$2.80	\$4.86	\$1.40	
3 nights a week	\$19.60	\$34.02	\$9.80	
15 hours a week	\$1,019.20	\$1,769.04	\$509.60	\$249.00
156 shows a year	\$2,038.40	\$3,538.08	\$1,019.20	\$249.00

**Map Pricing**

MODEL	MAP
WMS400/HT/D880	\$499.00
WMS400/HT/C900	\$599.00
WMS400/PT/GT	\$479.00
WMS400/PT/407	\$499.00
WMS400/PT/444	\$549.00
WMS400/PT/55	\$549.00
WMS400/PT/97	\$699.00
WMS400/PT/77	\$799.00
WMS400/PT/420	\$649.00
WMS400/PT/477	\$1,799.00



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