

DMS300

2.4GHZ DIGITAL WIRELESS INSTRUMENT SYSTEM

AKG[®]
by HARMAN



HIGHLIGHTS ■

Easy Setup and Operation

Seamless setup and operation of up to eight simultaneous, coexisting DMS300 systems

Wireless Range

30m (100') operating range

Long-Lasting Power

Up to 12-hour battery life using 2x AA batteries

High-Resolution Sound

24-bit, 48kHz digital audio resolution

Rack Mountable

Optional rackmount kit available

AKG DMS300 professional digital wireless systems for performers and presenters combine signature AKG sound quality and rock-solid, license-free 2.4GHz operation with advanced security features, extended battery life, and the ultimate ease-of-use. The DMS300 is available in two options: with a high-quality, AKG handheld microphone or with a bodypack. The bodypack is instrument-ready and can also be combined with a wide range of AKG headsets or clip on mics (available separately) for singers or presenters.

Leveraging over 70 years of AKG microphone engineering and 24-bit/48 kHz uncompressed audio coding, with none of the interference found in analog wireless systems, the DMS300 provides crisp, studio-quality sound. Combined together with ultra-low latency, the DMS300 is a joy for singers and instrumentalists. And with the unrivaled signal security provided by AES 256-bit encryption, presenters can feel at ease in confidential settings.

Unrivaled fidelity, security, performance and support for up to eight co-existing systems make the AKG DMS300 the ideal digital wireless solution for performing musicians, corporate and government presenters, houses of worship, fitness instructors, educators and anyone who seeks both studio-quality sound and freedom of movement onstage.

KEY MESSAGES ■

Rock-Solid 2.4GHz Operation

The wireless universe is constantly, posing challenges for operating analog wireless microphone systems within increasingly narrow frequency allocations. AKG DMS300 digital wireless systems operate in the 2.4GHz band, a global, license-free space.

Plug and Play

DMS300 systems were designed from the ground up for intuitive operation with a high-resolution front-panel LCD screen that allows easy setup, monitoring and control. Channel pairing is push-button painless, with channel IDs to make for easy identification. Adaptive channel selection takes the guesswork out of locating available wireless channels. And up to eight DMS300 systems can be synced and used simultaneously together.

A Focus on Fidelity

Enjoy pristine, studio-quality sound: and both the bodypack offers 24-bit, 48kHz resolution and a linear frequency response. The bodypack is instrument ready or can be used with optional AKG headsets or clip-on mics. Plus, digital transmission means you'll encounter none of the interference found in traditional analog wireless systems.

Secure Communications

Sharing sensitive information? Trust the DMS300 built-in advanced AES 256-bit encryption to protect your signal and keep your wireless audio communications private. Perfect for small-to-medium corporate and small business users in need of private, secure wireless communications.

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APPLICATIONS ■

- LIVE SOUND INSTRUMENTAL PERFORMANCE
- PUBLIC SPEAKING, BUSINESS PRESENTATION AND TRAINING
(WITH OPTIONAL AKG HEADWORN OR LAVALIER MICROPHONES)

IN THE BOX ■

1x PT300 Beltpack Transmitter
1x SR300 Stationary Receiver
1x Universal AC Power Adapter
1x Instrument Cable
2x AA Batteries

SPECIFICATIONS ■

Carrier frequency:	Digital 2.4GHz
Encryption:	256-bit AES
Simultaneous operation:	Yes, up to 8 coexisting systems
Working range:	100 ft. (30 m)
Latency:	1.7 ms (single receiver) 1.7 – 2.2 ms (up to 8 synchronized receivers)
Frequency/channel selection:	Adaptive channel selection
Diversity wireless:	Antenna, time, frequency
Frequency response:	20 Hz–20 KHz ±1 dB
Dynamic range:	120 dB(A) @ 1 KHz
Signal-to-noise:	> 120 dB(A)
Transmitter battery:	2x AA alkaline
Battery life:	12 hours
Rack mountable:	Yes, with optional rackmount kit
Receiver dimensions:	7.9 x 7.2 x 1.7 in. (200 x 183 x 44 mm)
Receiver weight:	0.89 lbs. (0.404 kg)
Transmitter dimensions:	2.5 x 1.1 x 3.2 in. (64 x 29 x 82 mm)
Transmitter weight (w/ batteries):	0.24 lbs. (0.112 kg)
Gift box dimensions:	11.81 x 11.5 x 2.7 in (300 x 292 x 68.5 mm)
Gift box weight:	2.4 lbs. (1.07 kg)
Master carton dimensions:	24.4 x 16.93 x 13 in (620 x 430 x 330 mm)
Master carton weight:	30.6 lbs. (13.9 kg)
Master carton quantity:	12
Akg sku:	5100253-00
Upc code:	885038040675



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