

# DMS100

FOUR CHANNEL 2.4GHZ DIGITAL WIRELESS INSTRUMENT SYSTEM

**AKG**<sup>®</sup>  
by HARMAN



## HIGHLIGHTS ■

### Easy Setup and Operation

Seamless setup and operation of up to four simultaneous, coexisting DMS100 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 DMS100 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 DMS100 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/48kHz uncompressed audio coding, with none of the interference found in analog wireless systems, the DMS100 provides crisp, studio-quality sound. Combined together with ultra-low latency, the DMS100 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 four co-existing systems make the AKG DMS100 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 DMS100 digital wireless systems operate in the 2.4GHz band, a global, license-free space.

### Plug and Play

DMS100 systems were designed from the ground up for intuitive operation. Channel pairing is push-button painless, with color-coding to make for easy identification. Adaptive channel selection takes the guesswork out of locating available wireless channels. And up to four DMS100 systems can be synced and used simultaneously together.

### A Focus on Fidelity

Enjoy pristine, studio-quality sound: 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 DMS100 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 PT100 Beltpack Transmitter  
1x SR100 Stationary Receiver  
1x Universal AC Power Adapter  
1x Instrument Cable  
2x AA Batteries

## SPECIFICATIONS ■

|   |   |
|---|---|
| <b>Carrier frequency:</b>                 | Digital 2.4 GHz                             |
| <b>Encryption:</b>                        | 256-bit AES                                 |
| <b>Simultaneous operation:</b>            | Yes, up to 4 coexisting systems             |
| <b>Working range:</b>                     | 100 ft. (30 m)                              |
| <b>Latency:</b>                           | <=2.9 ms                                    |
| <b>Frequency/channel selection:</b>       | Adaptive channel selection                  |
| <b>Diversity wireless:</b>                | Antenna, time, frequency                    |
| <b>Frequency response:</b>                | 20 Hz–20 KHz ±1 dB                          |
| <b>Dynamic range:</b>                     | 116 dB @ 1 KHz                              |
| <b>Signal-to-noise:</b>                   | >90 dBA                                     |
| <b>Transmitter battery:</b>               | 2x AA alkaline                              |
| <b>Battery life:</b>                      | 12 hours                                    |
| <b>Rack mountable:</b>                    | Yes, with optional rackmount kit            |
| <b>Receiver dimensions:</b>               | 7.9 x 6.5 x 1.7 in. (200 x 165 x 44 mm)     |
| <b>Receiver weight:</b>                   | 0.78 lbs. (0.358 kg)                        |
| <b>Transmitter dimensions:</b>            | 2.5 x 1.1 x 3.2 in. (64 x 29 x 82 mm)       |
| <b>Transmitter weight (w/ batteries):</b> | 0.24 lbs. (0.112 kg)                        |
| <b>Gift box dimensions:</b>               | 11.81 x 11.5 x 2.7 in (300 x 292 x 68.5 mm) |
| <b>Gift box weight:</b>                   | 2.4 lbs. (1.07 kg)                          |
| <b>Master carton dimensions:</b>          | 24.4 x 16.93 x 13 in (620 x 430 x 330 mm)   |
| <b>Master carton weight:</b>              | 30.6 lbs. (13.9 kg)                         |
| <b>Master carton quantity:</b>            | 12  |
| <b>Akg sku:</b>                           | 5100248-00                                  |
| <b>Upc code:</b>                          | 885038040620                                |
| <b>Ean code:</b>                          | 9002761040623                               |



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