

DMSTetrad

DIGITAL WIRELESS MICROPHONE SYSTEM



LICENSE FREE OPERATION, WORLDWIDE

The DMSTetrad is a professional digital 2.4GHz wireless microphone system for worldwide, license-free operation. With 24bit, 48kHz audio coding, it provides uncompressed studio-quality transmission and a linear frequency response, for uncompromising vocal and instrumental performances. 128bit AES standard encryption prevents tapping of the audio signal, which makes it a perfect companion for high-security conferences.

The entire DMSTetrad system features the DSRTetrad digital stationary receiver, the DPTetrad digital pocket transmitter and the DHTetrad digital handheld transmitter, available with AKG's patented D5 acoustics or as DHTetrad P5 with standard dynamic capsule. Three sets are available, the DMSTetrad Vocal Set either including the DHTetrad D5 or P5 capsule and the DMSTetrad Performer Set including the DPTetrad together with a C111 L earhook microphone and the MKG L instrument cable.

The DMSTetrad is quickly built up and ready to use. The DSRTetrad receiver can work with up to four channels of audio in parallel which can be mixed down directly to its balanced XLR sum output. The dynamic frequency selection (DFS) guarantees that only the cleanest frequency bands are automatically selected for the connection between receivers and transmitters. To handle rare dropouts, AKG developed a technology called DROCON which is implemented in the system that is able to conceal occurring dropouts and thus prevent the clicks they can cause.



AKG ACOUSTICS GMBH LAXENBURGER STRASSE 254, 1230 VIENNA/AUSTRIA
AKG ACOUSTICS, U.S. 8500 BALBOA BOULEVARD, NORTHRIDGE, CA 91329, U.S.A.

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APPLICATIONS

- » **Live Sound / Club Music**
- » **Conferences / Presentations / Seminars**
- » **Installations**

SYSTEM FEATURES

- » **License free wireless system**
- » **Uncompressed audio transmission**
- » **Integrated four channel mixer**
- » **Antenna front mount kit included**
- » **Superior RF performance**
- » **AES 128bit encryption**

SYSTEM SPECIFICATION

| | |
|--------------------------------|---|
| Frequency range | Dynamic frequency selection (DFS) in 2,4 GHz ISM band (2,404 - 2,420 GHz; 2,430 - 2,446 GHz; 2,454 - 2,470 GHz) |
| Diversity System | Digital controlled antenna diversity |
| RF Output | Max. 100 mW (all devices), 10 mW for EU |
| Modulation | Orthogonal Frequency Division Multiplexing – OFDM |
| Encryption | 128 Bit AES |
| Audio transmission | Uncompressed, digital 48 kHz 24 bit |
| Audio bandwidth | 20 – 20 000 Hz (\pm 3 dB) |
| T.H.D. | \leq 0.05 % |
| Bandwidth | 16 MHz (3x16 MHz) |
| Overall dynamic range | Typ. 120 dB |
| Dimensions | Standard rack size |
| Max. Channels | 4 |
| Interference protection | Switchable |
| RF stability | Other 2,4 GHz devices (e.g. WLAN, Bluetooth) will induce RF interference |

DSRTetrad

DIGITAL FOUR CHANNEL RECEIVER



PRODUCT FEATURES

- » **Dynamic frequency selection in the 2,4 GHz ISM band**
- » **19" metal case**
- » **Easy setup functions designed for less experienced operators**
- » **Four channels can be run simultaneously**
- » **Antenna front mount kit included**
- » **Off function for all transmitters**
- » **LEDs to monitor clipping and battery status**
- » **4 x balanced channel and 1 x sum output**
- » **Stand alone 19" rack mount brackets**

RECEIVER SPECIFICATION

| | |
|------------------------------|--|
| Diversity System | Digital controlled antenna diversity |
| RF Output | Max. 100 mW, 10 mW for EU |
| Gain Potis | 0 – 1,4 Vrms |
| Audio outputs | 4 x XLR channel balanced, 1x XLR sum balanced |
| Power supply | SMPS 12 V DC, 0,5 A, EU/US/UK adapters |
| Dimensions | Standalone: 315 mm × 42 mm × 147 mm Rack: 482 mm × 42 mm × 147 mm |
| Net / Shipping Weight | 1180 g |
| Standard Accessories | Power supply, rack and antenna front mount kit |
| Power supply | 12 V DC, 0,5 A |

Item numbers:

| | | |
|-----------|---------------------|-------------------------|
| SKU Code: | 3455H00040 (100 mW) | 3455H00030 (10 mW – EU) |
| UPC: | 885038038641 | 885038038276 |
| EAN: | 9002761038644 | 9002761038279 |

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DPTTetrad

DIGITAL POCKET TRANSMITTER



Guitar cable MKG L (standard 6,35 mm jack to mini XLR connector) as well as C111 LP ear hook microphone included

SYSTEM FEATURES

- » **Belt clip upside/down**
- » **Easy setup functions designed for less experienced operators**
- » **Auto power off**
- » **Low battery warning**
- » **Adjustable input level (mic-guitar)**
- » **Integrated screw driver for gain control**
- » **5 V phantom power**
- » **Recommended microphones: C111 L, CK97 C/L, HC577 L and CK77 WR-L**

POCKET TRANSMITTER SPECIFICATION

| | |
|------------------------------|--|
| RF Output | Max. 100 mW, 10 mW for EU |
| Gain control | 0 (2,2 Vrms) – 30 dB (70 mVrms) max input-level: < 3 Vrms (gain = min) |
| Overall dynamic range | Typ. 120 dB(A) |
| Powering | 2x AA Alkaline ~6h , 2x AA NiMH ~7h |
| Dimensions | 92 mm × 64 mm × 22 mm |
| Net / Shipping Weight | 70 g |
| Standard Accessories | 2x AA batteries, 1x instrument cable MKG L, 1x ear hook microphone C111 LP |

Item numbers:

| | | |
|-----------|---------------------|--------------------|
| SKU Code: | 3456H00030 (100 mW) | 3456H00020 (10 mW) |
| UPC: | 885038038658 | 885038038283 |
| EAN: | 9002761038651 | 9002761038286 |

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DHTTetrad

DIGITAL HANDHELD TRANSMITTER D5 & P5

SYSTEM FEATURES

- » Supercardioid capsule
- » Gain switch high/low level
- » Auto power off function
- » Low battery warning



HANDHELD TRANSMITTER SPECIFICATION

| | |
|------------------------------|--|
| Microphone capsule | Dynamic, supercardioid |
| RF Output | Max. 100 mW, 10 mW for EU |
| Audio bandwidth | DHTTetrad P5: 70 – 16 000 Hz (± 3 dB) DHTTetrad D5: 70 – 20 000 Hz (± 3 dB) |
| Gain switch | Max SPL: ≤ 142 dB (Gain = LOW) Max SPL: ≤ 129 dB (Gain = HIGH) |
| Overall dynamic range | DHTTetrad P5: typ. 113 dB(A) DHTTetrad D5: typ. 120 dB(A) |
| Powering | 2x AA Alkaline ~6h, 2x AA NiMH ~7h |
| Dimensions | 233 mm × 51 mm |
| Net / Shipping Weight | 260 g |
| Standard Accessories | 2x AA batteries, 1x stand adapter |
| Optional Accessories | W3004 |

Item numbers:

| | | |
|----------------|---------------------|--------------------|
| SKU Code (P5): | 3457H00050 (100 mW) | 3457H00020 (10 mW) |
| UPC: | 885038038665 | 885038038290 |
| EAN: | 9002761038668 | 9002761038293 |
| SKU Code (D5): | 3457X00060 (100 mW) | 3457X00030 (10 mW) |
| UPC: | 885038038672 | 885038038306 |
| EAN: | 9002761038675 | 9002761038309 |



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DMS Tetrad

AVAILABLE SETS

Tetrad Performer Set

- 1 DSRTetrad receiver
- 1 DPTTetrad bodypack transmitter
- 1 Ear hook microphone (C111 LP)
- 1 Instrument cable (MKG L)
- 2 Detachable antennas
- 2 External antenna cables
- 2 AA batteries
- 2 Rack brackets
- 1 AC-Adapter



Item numbers:

- SKU Code: 3459H00020 (100 mW)
- UPC: 885038037101
- EAN: 9002761037104

Tetrad Vocal Set D5

- 1 DSRTetrad receiver
- 1 DHTTetrad handheld transmitter D5
- 2 Detachable antennas
- 2 External antenna cables
- 2 AA batteries
- 1 Stand adapter
- 2 Rack brackets
- 1 AC-Adapter



Item numbers:

- SKU Code: 3459X00030 (100 mW)
- UPC: 885038037484
- EAN: 9002761037487

Tetrad Vocal Set P5

- 1 DSRTetrad receiver
- 1 DHTTetrad handheld transmitter P5
- 2 Detachable antennas
- 2 External antenna cables
- 2 AA batteries
- 1 Stand adapter
- 2 Rack brackets
- 1 AC-Adapter



Item numbers:

- SKU Code: 3459H00010 (100 mW)
- UPC: 885038037095
- EAN: 9002761037098



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DMS Tetrad



AVAILABLE TWO-TRANSMITTER SETS (ONLY IN THE EU)

Tetrad Vocal Set P5 - EU

- 1 DSRTetrad receiver
- 2 DHTTetrad handheld transmitters P5
- 4 Detachable antennas
- 4 Antenna front mount cables
- 4 AA batteries
- 2 Stand adapters
- 2 Rack brackets
- 1 AC-adapter



Item numbers:

- SKU Code: 3459H00040 (10 mW)
- UPC: 885038038313
- EAN: 9002761038316

Tetrad Vocal Set D5 - EU

- 1 DSRTetrad receiver
- 2 DHTTetrad handheld transmitters D5
- 4 Detachable antennas
- 4 Antenna front mount cables
- 4 AA batteries
- 2 Stand adapters
- 2 Rack brackets
- 1 AC-adapter



Item numbers:

- SKU Code: 3459X00050 (10 mW)
- UPC: 885038038320
- EAN: 9002761038323



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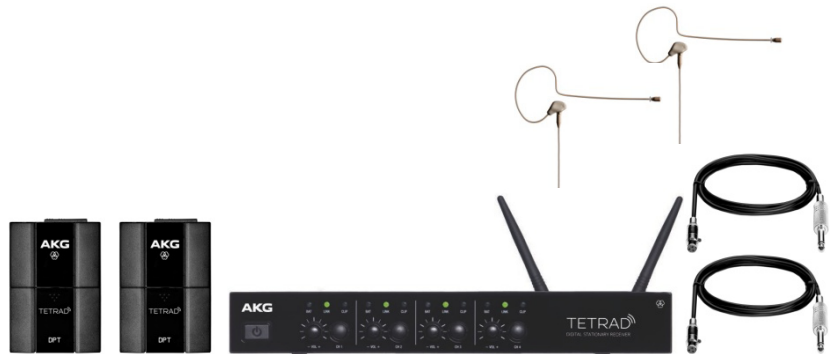
DMS Tetrad



AVAILABLE TWO-TRANSMITTER SETS (ONLY IN THE EU)

Tetrad Performer Set - EU

- 1 DSRTetrad receiver
- 2 DPTTetrad bodypack transmitters
- 4 Detachable antennas
- 4 Antenna front mount cables
- 4 AA batteries
- 2 Instrument cables (MKG L)
- 2 Earhook microphones (C111 LP)
- 2 Rack brackets
- 1 AC-adapter



Item numbers:

- SKU Code: 3459H00060 (10 mW)
- UPC: 885038038337
- EAN: 9002761038330

Tetrad Mixed Set - EU

- 1 DSRTetrad receiver
- 1 DHTTetrad handheld transmitter D5
- 1 DPTTetrad bodypack transmitter
- 4 Detachable antennas
- 4 Antenna front mount cables
- 4 AA batteries
- 1 Instrument cable (MKG L)
- 1 Earhook microphone (C111 LP)
- 1 Stand adapter
- 2 Rack brackets
- 1 AC-adapter



Item numbers:

- SKU Code: 3459X00070 (10 mW)
- UPC: 885038038351
- EAN: 9002761038354

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