

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 DPTTetrad digital pocket transmitter and the DHTTetrad digital handheld transmitter, available with AKG's patented D5 acoustics or as DHTTetrad P5 with standard dynamic capsule. Three sets are available, the DMSTetrad Vocal Set either including the DHTTetrad D5 or P5 capsule and the DMSTetrad Performer Set including the DPTTetrad 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.

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
Features, specifications and appearance are subject to change without notice.

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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.

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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.

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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.

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 \times 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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.

DMSTetrad

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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.

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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
Features, specifications and appearance are subject to change without notice.

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



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

© 2014 HARMAN International Industries, Incorporated. All rights reserved. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries.
 Features, specifications and appearance are subject to change without notice.

<http://acctech.ru/cat/radiosistemy/>