AKG ACOUSTICS



"EXPRESSION LIVES IN YOUR VOICE"

For whatever you are communicating, the **AKG EMOTION I TRIPOWER** series allows every nuance of it to come through perfectly!

"IT'S NOT JUST THAT YOU ARE HEARD; BUT HOW ACCURATELY YOU ARE HEARD:"

Get the most accurate reproduction of your voice and instruments with the revolutionary technology of **EMOTION | TRIPOWER** series.

"EVERYTHING YOU NEED TO GET YOUR SOUND TO THE AUDIENCE"

FOR VOCALS — LEAD OR BACKGROUND — INSTRUMENTAL — PRESENTATION

EMOTION | TRIPOWER Technology:

All dynamic EMOTION | TRIPOWER dynamic models feature VariMotion diaphragms that allow the response of the transducer to be accurately tweaked in its molding process using a diaphragm of varying thickness. These incredible transducers use high-output Neodymium (NdFeBr) magnets for lower noise and wider dynamic range. AKG's Doubleflex shock mounting system lowers handling noise tremendously.

DESIGN

All **EMOTION I TRIPOWER** models have advanced ergonomics including soft-touch finishes to make them more comfortable and secure to hold. **TRIPOWER** models feature triangulated handles for even greater handling comfort.

MODULAR OUTPUT:

EMOTION I TRIPOWER models have interchangeable output modules that can be used with non-switched or switched 3-pin XLR outputs as well as the TM 40 UHF module. The same mic can be used wired or wireless depending on your needs.



D 3700^M-EMOTION | TRIPOWER

SET YOURSELF APART FROM THE CROWD.

AKG D 3700™ will revolutionize your performance with its unique sound and style. You can have a microphone with the features you want and use it either wired or wireless.



A NEW DIMENSION IN PERFORMANCE



ERGONOMIC TRIANGLE SHAPE

FUNCTION

For the first time, Wired + Wireless performance is integrated into the same microphone. You simply switch the module to change from a standard an XLR output, an XLR with a silent on/off switch or pop in the TM 40 to make it a UHF wireless system.

FORM

Tri-Power's shape evokes a triangle, but it has smoothly rounded edges that feel very comfortable in your hand and are easy to grip. The soft-touch finish makes it even nicer to hold.

TM 40 WIRELESS

This UHF transmitter is compatible with all AKG WMS 40 wireless receivers for high-quality audio and reliable RF performance.

PLUG-IN MODULES



XLR for conventional wired applications.



XLR WITH ON/OFF SWITCH gives you the convenience of muting control on the mic.



TM 40 is the UHF wireless transmitter module compatible with AKG WMS 40 Series receivers.



APPLICATIONS

Lead vocals – background singers – presenters

TECH FEATURES



VARIMOTION TECHNOLOGY uses a molded diaphragm with varying thickness to deliver powerful sound that cuts through the mix. Its cardioid pickup pattern helps reject feedback.



SPRING STEEL WIRE MESH GRILLE with internal pop filter resists dents and dings and delivers reliable control of pops and wind noise. It can be removed for cleaning when necessary.



ELASTIC DUAL-CIRCUIT SUSPENSION significantly reduces handling noise.

THE D 3700M PACKAGE



comes with hard-shell aluminum road case, stand adaptor and the microphone.





3700° D 3800° C 5900° C 900° D 880° D 770 D 660 S D 440 TM 40 microtools

D 3800 LEMOTION | TRIPOWER

THE NEW "STANDARD" IN PREMIUM PERFORMANCE MICROPHONES

RISE ABOVE THE MASSES. The D 3800[™] is the best live-sound dynamic vocal microphone and will lift your performance to the next level! With Wired + Wireless flexibility, the D 3800^M has what it takes – great sound, bullet-proof reliability and impeccable style.

THE PERSON NAMED IN

ELL DAVIS

3800"

By making the diaphragm of varying thickness, the transducer can be precisely tuned for the highest level of performance.

THE VARIMOTION PRINCIPLE



PLUG-IN OUTPUT MODULES



XLR for conventional wired applications.



delivers powerfully accurate, incomparably clear sound quality.

XLR WITH ON/OFF **SWITCH** gives you the convenience of local muting control on the mic (D 3800^MS)



includes hard-shell aluminum road case, stand adaptor and the microphone

TECH FEATURES



HUMBUCKING COIL eliminates noise from



SPRING STEEL WIRE MESH CAP resists dents and dings and has an integral foam windscreen for reliable control of pops and wind noise.



DOUBLE DIAPHRAGM

SUSPENSION significantly suppresses mechanical and handling noise.

APPLICATION - LEAD VOCALS

Supercardioid pickup pattern maximizes feedback suppression and lets your unique sound come through.



0 3700^M + TM 40

TM 40 microtools

STUDIO SOUND ON STAGE

C 5900^M-EMOTION | TRIPOWER

LET YOUR AUDIENCE HEAR EVERY BIT OF YOUR SOUND

thanks to the pure, articulate, uncolored AKG condenser capsule. Rugged, reliable performance with studio-quality for live applications.



enable you to precisely adjust for your acoustic situation. Separate bass-cut and -6 dB pads (like those found on studio mics) enable perfect matching between the mic and the application.

THE C 5900™ PACKAGE



includes a hard-shell road case, a stand adaptor and the microphone.



TECH SPECS



SPRING STEEL WIRE MESH CAP resists dents and dings and has an integral foam windscreen for reliable control of pops and wind noise.



C 5900 ms SPIDER SUSPENSION minimizes handling and mechanical noise and is rugged enough to survive rough handling and drops.



BASS ROLL-OFF AND
-6 DB OUTPUT SENSITIVITY SWITCHES minimize stage rumble and
mic preamp overload.

APPLICATION — LEAD VOCALS

Studio-quality pitch and timbre, high resolution and supreme fidelity thanks to AKG condenser capsule with supercardioid pickup pattern.

D 3700* D 3800* C 5900* C 900* D 880* D 770 D 660 S D 550 D 440 TM 40 microtools

C 900M EMOTION



The condenser microphone with the power and presence to let your voice be heard above the mix.

ALL THAT GLITTERS IS GOLD.

The gold ring on the C 900^M gives it a sophisticated cosmetic touch to match its sparkling acoustical performance!





The gold ring gives a sophisticated touch to the mic's design.



24-carat gold-sputtered transducer case inside for optimum conductivity and resistance to corrosion and humidity*)



XLR plug features 24-carat gold plated pins

*) US Pat. No. 4,790,021 and Austrian Pat. No. 385.386 Austrian Pat. No. 392.182 and German Pat. No. 4.021.661

THE TM 40 IS PURE REVOLUTION.

THE C 900[™] is equipped with the unique option of WIRED + WIRELESS. It's your choice whether you want to be wired or to have the freedom of wireless.





XLR for conventional wired applications.



TM 40 is the UHF wireless transmitter module compatible with AKG WMS 40 Series receivers.

TECH FEATURES



SPRING STEEL WIRE MESH CAP with internal pop filter resists dents and dings and has an integral foam windscreen for reliable control of pops and wind noise.



RUBBER SHOCK MOUNT-ING and precisely weighted brass weight minimizes handling and mechanical noise.

THE C 900M PACKAGE includes the PB 1000



includes the PB 1000 presence boost adaptor, a stand adaptor and nylon carrying case.

APPLICATION - FOR VOCALS

The power of true, accurate sound, the C 900^M is as good as gold.



D **770**

D **660**

D **550**

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TM 40 microtools

|D**3700**™ |D3

D **3800**™

D880^M-EMOTION

STEP UP FROM THE ORDINARY.

The D 880[™] is the new standard for lead and backing vocals. Its convertible design gives you flexibility to be wired + wireless.

THE VARIMOTION PRINCIPLE

used in the D 880^M delivers incomparably clear sound quality. The transducer can be precisely tuned in its molding process for the highest level of performance and incredible consistency.

THE DOUBLEFLEX ANTI-VIBRATION SYSTEM minimizes all types of handling and mechanically-induced noise.



D 3700^M

D 3800^M



PLUG-IN MODULES



Standard module with 3-pin XLR for conventional wired connections

3-pin XLR WITH **ON/OFF SWITCH** gives you the convenience of muting control on the



TM 40 is the UHF wireless transmitter module compatible with AKG WMS 40 Series receivers.

THE D 880M PACKAGE



includes the stand adaptor, the carrying case and the microphone.

TECH FEATURES



XLR PLUG INSET - its gold plating optimizes the signal-transmission and provides a high resistance to corrosion.



THE DOUBLEFLEX-ANTI-VIBRATION-**SYSTEM**



SPRING STEEL/WIRE **MESH CAP** resists dents and dings.

APPLICATION - VOCAL MICROPHONE

microtools

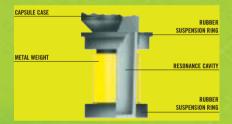


THE VARIMOTION-PRINCIPLE

MEANS INCOMPARABLY CLEAR SOUND QUALITY. Never before has it been possible to produce a diaphragm with differentiating thicknesses. The Varimotion process allows the adjustment to take place at the diaphragm. The result is a quantum leap in sound performance.



The DOUBLEFLEX-ANTI-VIBRATION-SYSTEM. The dual compensation system suppresses any kind of interference; unwelcome problems during live performances.



THE D 770 **PACKAGE**



includes the microphone, a stand adaptor, and carrying case.

TECH SPECS



XLR/PLUG INSET - its gold plating optimizes the signal-transmission and provides a high resistance to corrosion.



SPRING STEEL WIRE MESH CAP with integrated foam screen for extreme ruggedness and reliable control of pops and wind.

APPLICATION: INSTRUMENT & VOCAL MICROPHONE

VOCAL: for lead and backing vocal applications. INSTRUMENTAL: The D 770 is specifically useful for picking up toms, percussion, amps and wind instruments through gentle emphasis on medium and high frequencies.

D660 S. EMOTION

RISE ABOVE THE MASSES.

The dynamic vocal microphone with all around abilities.

The perfect model for your first gig.







FEATURES



ELASTIC SUSPENSION SYSTEM guarantees undisturbed performance; indispensable when it comes to the suppression of interference.



EXTREMELY ROBUST SUPPORT BASKET



ON/OFF SWITCH - IT'S YOUR CHOICE.

THE D 660 S **PACKAGE**



includes the microphone, a stand adaptor, and carrying

APPLICATION - VOCALS

Welcome to the club! The D 660 S sound paves your way to stardom.



microtools

The D 550 bass instrument microphone is specially tuned to bring out the best in instruments with low-end. Its sound is sold and its performance is incredible.



THE VARIMOTION PRINCIPLE

means incomparably accurate sound quality. Never before has it been possible to produce a diaphragm with varying thickness. The Varimotion process allows acoustical EQ to occur in the building of the diaphragm. The result is a quantum leap in sonic performance.



THE DOUBLEFLEX ANTI-VIBRATION SYSTEM suppresses any kind of unwanted vibration and resonance problems during live performances.



includes the microphone and integrated stand adaptor comes complete with a carrying case and two STA 550 extension stubs for floor stand mounting.



APPLICATIONS

D 550: Bass Drums - Tuba - Trombone and Bass Amps

INSTRUMENT SPECIALIST

D440 EMOTION



The D 440 is perfect for most instrumental applications - guitar amps, snare drums, tom toms, brass and reeds, etc. It's specially designed to accurately capture all the transients and overtones that give instruments their character.

THE D 440 PACKAGE



includes the microphone with and integrated stand adaptor comes complete with a carrying case and an H 440 bracket for mounting the D 440 on a drum shell.

eir character.



TECH FEATURES



Integrated 3-pin XLR connector and stand adaptor eliminates problem of the microphone being knocked out of the clip.



Swivel joint allows the microphone to be aimed at any angle.

ACCESSORY



H 440 Mounting Adaptor allows the D 440 to be mounted to the rim of a drum and eliminate the need for a mic stand.

APPLICATIONS

Snare, percussion, guitar amps, acoustic guitar, brass and wind instruments

D 440 TM 40 microtod

D 3700^M D 3800^M

35900°

C **900**™

D **880**™

1 U I I

D **660**

D 550

TM 40.

THE TM 40 TRANSMITTER MODULE.

The TM 40 is a major breakthrough in microphone technology. The TM 40 allows you to convert from wired to wireless applications quickly and easily – a feature that truly sets you free.

THREE NEW HANDHELD TRANSMITTERS IN THE SPOTLIGHT:



More informations about these mics on pages 3, 6, 7 and 16.





APPLICATIONS

All your vocal needs; ideal for instrument miking as well.

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TM 40

INTEGRATED CHARGING

rechargeable batteries

Contacts for easy use of

WMS 40 microtools

UNLIMITED FREEDOM

Good news for vocalists, musicians, lecturers and dancers! Forget all pre-conceived prejudice against wireless systems! The AKG WMS 40 is absolutely reliable, really easy-to-use and incredibly cost-efficient. Plus you'll get the highly-acclaimed AKG sound praised the world over.

This brochure describes many different components that you can use to put together the optimum AKG wireless system for your needs. Select a transmitter, receiver and hook them up to your system and play!

SO 40 snapon transmitter



A TRANSMITTER FOR YOUR FAVORITE DYNAMIC MIC

Probably the smallest wireless transmitter around today, the SO 40 will turn your wired dynamic mic into a wireless with exactly the same sound quality.





ACOUSTIC INSTRUMENTS AND OTHER SPECIAL APPLICATIONS

Since acoustic instruments need different microphones, AKG MicroMics can be used with a wide range of instruments and are all compatible with the PT 40 bodypack transmitter.

GB 40 guitarbug



FOR GUITAR AND BASS PLAYERS

The GB 40 UHF transmitter matches perfectly with every guitar and bass – just plug the Flex-Jack into the instrument's output and play.



FOR AEROBIC TRAINERS AND DANCERS

The C 444L headset mic fits perfectly and stays in place during the most grueling exercise, plus its resistant to damage from perspiration.

MP 40 micropen



FOR PRESENTERS OF ALL TYPES

About the same size as a laser pointer, the MP 40 is an integrated UHF transmitter and omnidirectional microphone. Just put it in a shirt or jacket pocket and you're ready to get your message across.

PR 40



UNLIMITED MOBILITY

The PR 40 pocket receiver was designed for videographers and musicians who want quick setups and easy portability.

SR 40



THE MARKET LEADER

The SR 40 is reliable, easy to use and offers class-leading sound quality in a cost-efficient, single-antenna package. This is AKG hottest-selling wireless component.

CU 40 charging unit



GENTLE ON THE ENVIRONMENT AND YOUR BUDGET

The CU 40 allows the use of rechargeable batteries in most of the microtools products to give you low operating costs and is environment-friendly. There's no need to remove the batteries even when charging.

HT 40



FOR VOCALISTS

Your vocals will sound great when you use the HT 40 transmitter with the proven, critically-acclaimed D 880[™] microphone element.

SR 40 diversity



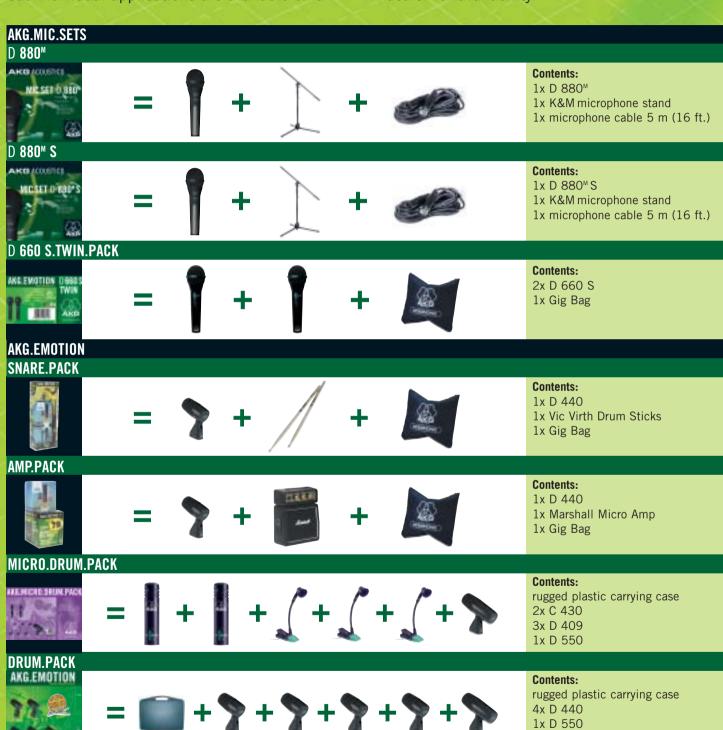
ABSOLUTE RELIABILITY AND CLEVER FEATURES

The deluxe SR 40 diversity is as reliable and easy to use as the proven SR 40 with more features. The SR 40 diversity boasts an allmetal chassis and has additional metering for quick, easy status monitoring. Its advanced circuitry ensures absolute reliability in difficult RF environments to satisfy the most demanding perfectionist.

Customized packages of microphones for various individual applications are available on a

select basis. Please check with your local AKG dealer for availability.

1x Drums Easy DVD



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AKG.WIRELESS.

Today, AKG makes several wireless microphones systems for a wide range of applications and to fit any budget. From the tour-grade WMS 4000, the flexible WMS 400 (81) professional multichannel, multi-user systems to smaller systems like the WMS 40 systems, you can count on AKG wireless. What all AKG wireless systems have in common is their pure, accurate audio quality. With AKG, you won't hear the difference between wired and wireless microphones.



1,200 UHF frequencies for excellent intermodulation-free operation in tough RF environments. True-diversity and SAW filters for interference-free reception. Multi-channel capability for use of more than 50 systems simultaneously, complete with rack-mounting hardware.



Easy programming and handling thanks to Auto-Setup with the help of the integrated frequency scanner and frequency databank. The transmitters of will programmed automatically via infrared uplink from the receiver and make the WMS 400 system ready to operate in less than one minute. With only one AA dry battery or rechargeable battery the miniature transmitters will operate contiously for up to 8 h. This reduces operating cost by 50% compared to similar systems. Multichannel capability for up to 50 systems*, complete with rack-mounting hardware.

WMS 40



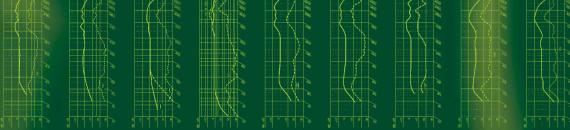
AKG's most affordable UHF system features more than 35 hours of transmitter battery life for low operating cost. The WMS 40 DIV features a complete display for easy status monitoring and easy installation with optional rack-mount kit.

^{*} Depending on local frequency plans.



AKG ACOUSTICS

| | D 3700 ^M | D 3800 ^M | C 5900 ^M | C 900 ^M | D 880 ^M | D 770 | D 660 S | D 550 | D 440 | TM 40 |
|-------------------------------|-------------------------------------|--|-----------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|
| Туре | Dynamic microphone | Dynamic microphone | Condenser microphone | Condenser microphone | Dynamic microphone | Dynamic microphone | Dynamic microphone | Dynamic microphone | Dynamic microphone | Transmitter module |
| Frequency range | 70–20.000 Hz | 50-20.000 Hz | 20–20.000 Hz | 20–20.000 Hz | 60–20.000 Hz | 60–20.000 Hz | 70–20.000 Hz | 20–20.000 Hz | 60–20.000 Hz | 40–20.000 Hz |
| Polar pattern | Cardioid | Supercardioid | Supercardioid | Cardioid | Supercardioid | Cardioid | Hypercardioid | Cardioid | Cardioid | Battery: 1x 1.5V AAA |
| Sensitivity at 1.000 Hz | 2,5 mV/Pa (-52 dBV re 1 V/Pa) | 2,5 mV/Pa (-52 dBV re 1 V/Pa) | 6 mV/Pa (-44 dBV re 1 V/Pa) | 6 mV/Pa (-44 dBV re 1 V/Pa) | 2,2 mV/Pa (-53 dBV re 1 μbar) | 1,8 mV/Pa (-75 dBV re 1 μbar) | 2,0 mV/Pa (-54 dBV re 1 V/Pa) | 2,5 mV/Pa (-52 dBV re 1 V/Pa) | 2,5 mV/Pa (-52 dBV re 1 V/Pa) | 10h Battery 6h rechargeable bat. |
| Equivalent noise level | 19 dB (A) to DIN 45412 | 18 dB (A) to DIN 45412 | 17,5 dB (A) to DIN 45412 | 17,5 dB (A) to DIN 45412 | 22 dB (A) to DIN 45412 | 22 dB (A) to DIN 45412 | 20 dB (A) to DIN 45412 | 18 dB (A) to DIN 45412 | 18 dB (A) to DIN 45412 | Carrier frequency range: 710–865 MHz |
| Max. SPL for 1 % (3 %) THD | | 147 dB SPL (156 db SPL) | 139/142 dB SPL | 139/142 dB SPL | 147 dB SPL (156 db SPL) | 147 dB SPL (156 dB SPL) | 140 dB SPL (150 dB SPL) | 147 dB SPL (156 dB SPL) | 147 dB SPL (156 dB SPL) | RF output: 5 mW (ERP) |
| Electrical impedance | ≤600 Ω | ≤600 Ω | ≤200 Ω | ≤200 Ω | ≤600 Ω | ≤600 Ω | ≤500 Ω | ≤600 Ω | ≤600 Ω | THD at 1 kHz: 0,8 % |
| Recommended load impedance | ≥2.000 Ω | ≥2.000 Ω | ≥2.000 Ω | ≥2.000 Ω | ≥2.000 Ω | ≥2.000 Ω | ≥1.200 Ω | ≥2.000 Ω | ≥2.000 Ω | |
| Connector | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | 3-pin male XLR | Signal/noise ratio: |
| Finish | Matte black enamel | Matte black enamel | Matte black enamel | Matte black enamel | Matte black enamel | Matte black enamel | Matte black enamel | Matte black enamel | Matte black enamel | 103 dB (A) Graphite gray enamel finish |
| Size | | Length: 186 mm (7.3 in.); Ø: 50 mm (2.0 in.) | | Length: 180 mm (7.1 in.); Ø: 50 mm (2.0 in.) | | | | | Length: 85 mm (3.4 in.); Height: 104 mm (4.0 in.) Ø: 46 mm (1.8 in.) | Length: 130 mm (5.1 in.); Ø: 26 mm (1.0 in.) |
| Net/Shipping weight | 0 0 | 290 g / 970 g (10.4 oz./2.1 lb.) | 290g / 970g (10.4 oz./2.1 lb.) | 295 g / 650 g (10.4 oz./1.4 lb.) | 290 g / 650 g (10.4 oz./1.4 lb.) | 290 g / 650 g (10.4 oz./1.4 lb.) | 240 g / 423 g (8.5 oz./0.9 lb.) | 203 g / 563 g (7.2 oz./1.2 lb.) | 148g / 438g (5.2 oz./0.9 lb.) | 30 g without batteries |
| Standard accessories | SA 61 Soundtool case | SA 61 Soundtool case | SA 61 Soundtool case | SA 61 microphone bag | SA 61 microphone bag | SA 44 microphone bag | SA 44 microphone bag | 2x STA 550 | H 440 microphone bag | (AAA) colored battery |
| Optional accessories | Table stands: ST | 1, ST 12, ST 45, ST | T 305 Floor stands | s: ST 102 A, ST 20 | 0 Microphone cab | les: MK 9/10 Win | dscreens: W 23, W | 880 Stand adapte | ers: SA 61, SA 44 | compartment cover screwdriver |
| | | | | | | | | | | |



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For detailed information on Emotion-Series and other AKG products contact your distributor or visit our website: www.akg.com.
Specifications subject to change without notice.

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03/04/Proa 1499



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