AKG ACOUSTICS THE POWER OF EXPRESSION

AKG

3700*

D 3700^M D 3800^M C 5990^M, load IC 900^M, W Sort B 880^M, cont. Al D.270 als-Search 550 Solveload D 550 D 440 T M40 microtools

EMOTION TRIPOWER

ind: Bauchklang

ABOUT_EMOTION | TRIPOWER

"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.

2

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

FOR VOCALS - LEAD OR BACKGROUND - INSTRUMENTAL - PRESENTATION

EMOTION | TRIPOWER Technology:

All dynamic EMOTION I 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 | 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 550 D L 440 TM 40 microtools

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.



D 3700⁴⁴

A NEW DIMENSION IN PERFORMANCE

D 3700[™]

D 3800[™]



ERGONOMIC TRIANGLE SHAPE



THE D 3700[™] PACKAGE



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



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

XLR

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 WITH ON/OFF SWITCH gives you the for conventional wired convenience of muting applications. 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.

C 5900™

C 900™

D 880™

B.7.70

D 660 S

N | TRIPOWER

D 3800^M EMOTION | TRIPOWER

3700*

0 3700^M + TM 40

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.



D.3700

D 3800

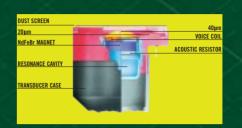
C 5900

C.900%

4

THE VARIMOTION PRINCIPLE

delivers powerfully accurate, incomparably clear sound quality. By making the diaphragm of varying thickness, the transducer can be precisely tuned for the highest level of performance.



PLUG-IN OUTPUT MODULES



XLR for conventional wired applications.

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

SPRING STEEL WIRE

dents and dings and has an integral foam

control of pops and wind noise.

D 550

D 440

MESH CAP resists

(D 3800^MS)

TECH FEATURES



HUMBUCKING COIL eliminates noise from electrical interference.



DOUBLE DIAPHRAGM SUSPENSION significantly suppresses mechanical and hanwindscreen for reliable dling noise.

APPLICATION – LEAD VOCALS

D 880™

D 770

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

D 660 S

THE D 3800[™] PACKAGE



includes hard-shell aluminum road case, stand adaptor and

the microphone

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.

CUSTOM-TUNING SWITCHES

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.



The C 5900[™]s capsule is available separately for use with AKG WMS 4000, WMS 400, WMS 81 and WMS 80 wireless systems.

See also page 15.

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^{wr}S SPIDER SUSPENSION minimizes handling and mechanical noise and is rugged enough to survive rough handling and drops.

D 550



BASS ROLL-OFF AND -6 DB OUTPUT SENSI-TIVITY 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.

STUDIO SOUND ON STAGE



D **3700**™

D 3800 C 5900

Www.Som.D.880

DITTO

D 560 S

D **440**

C 900^M_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!



6

UNCOMPROMISING SOUND



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

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

PLUG-IN MODULES



XLR for conventional wired applications.



wireless transmitter module compatible with AKG WMS 40 Series receivers.

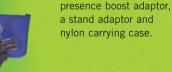
THE C 900^M PACKAGE includes the PB 1000



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.





APPLICATION – FOR VOCALS

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

D **3700**™

D 3800

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D 440

D880^M_EMOTION

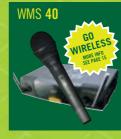
STEP UP FROM THE ORDINARY.

The D 880^M 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.



The D 880[%] and C 900[%] acoustics are available for AKG wireless systems WMS 4000, WMS 400 and WMS 40.

See page 15.

7

THE D 880^M PACKAGE

includes the stand

adaptor, the carrying

case and the micro-

phone.

HE WORKHORSE



PLUG-IN MODULES



Standard module with 3-pin **XLR** for conventional wired connections

TECH FEATURES



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



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



THE DOUBLEFLEX-ANTI-VIBRATION-SYSTEM



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



SPRING STEEL/WIRE MESH CAP resists dents and dings.

APPLICATION - VOCAL MICROPHONE

D 440

TM 40 microtools

D **3700**™

I D 3800™

Download for Download Som All Prantals Search 660 Download 550

D770_EMOTION

The multi-functional tool for stage use works as hard as you.



D 770

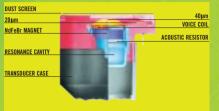
RELIABLE

D 3700™



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.

C 5990 Winload from Www.Soman 880 .com. All Manuals Search 660 Sownload. 550

TM **40** micro**tools**

D 440

D 660 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



9

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

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



D 3700

GH VALUE

C 5990 Inload from Www.Soman 8865.com. Al Mangals Search Affe Dow

D **440**

D 550

D 550. EMOTION

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.

THE D 550 PACKAGE



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



D 3700™

C 5990 Winload from Www.soman 885.com. All Margais Search 660 Sownload. 550



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.



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

11



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 3800™

C 5990 miload from Www.soman 886 com. All Prandais Search AGO Sownload 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.

AHD Ŀ D 3700 C 900' D 880

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



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

TM 40

microtools

D 440

12



THREE NEW HANDHELD TRANSMITTERS IN THE SPOTLIGHT:

D 3700

D 3800M

C 5990 Winload from Www.Som an 880 All Manuals Search ARD Sownload. 550

for optimum audio

performance

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.

PT 40



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.



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, singleantenna package. This is AKG hottest-selling wireless component.



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



13

Your vocals will sound great when you use the HT 40 transmitter with the proven, criticallyacclaimed D 880^M 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.

D 3700"

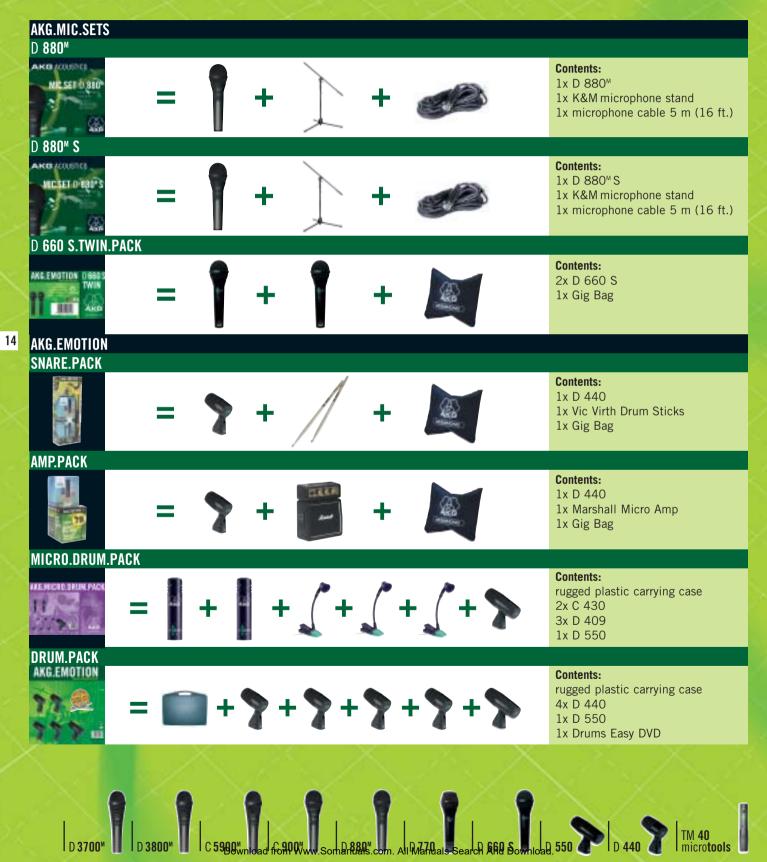
D 3800M

C 5900 miload from Www.soman 880, com. Al Margais Search AGO Sownload, 550

EMOTIONPACKS.

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

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



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 rackmounting 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 [™]	D 3800™	C 5900 [™]	C 900M	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:
	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)	1x 1.5V AAA 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)	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:
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	0,8 %
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: 103 dB (A)
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	Graphite gray enamel finish
Size		Length: 186 mm (7.3 in.); Ø: 50 mm (2.0 in.)						104 mm (4.0 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	290g/970g (10.4 oz./2.1 lb.)	290g/970g (10.4 oz./2.1 lb.)	295g/650g (10.4 oz./1.4 lb.)	290g/650g (10.4 oz./1.4 lb.)	290g / 650g (10.4 oz./1.4 lb.)	240g/423g (8.5 oz./0.9 lb.)	203g / 563g (7.2 oz./1.2 lb.)	148g / 438g (5.2 oz./0.9 lb.)	30 g without batteries 1x 1.5 V batteries
Standard accessories Optional accessories	SA 61 Soundtool case Table stands: ST 1	SA 61 Soundtool case	SA 61 Soundtool case [305 Floor stands	SA 61 microphone bag s: ST 102 A. ST 20			SA 44 microphone bag dscreens: W 23. W	2x STA 550 880 Stand adapte	H 440 microphone bag ers: SA 61. SA 44	(AAA) colored battery 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.

A Harman International Company 03/04/Proa 1499



TM 40 microtools

www.akg.com

D 3800[™]

D **3700**™

C 5900*

D 880

D 660 S 770

D 550 D 440

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