

# AKG ACOUSTICS

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# THINK WIRELESS



## WMS 40 PRO

ULTRAHIGHFREQUENCY  
+ WMS 40 microtools



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Specifications subject to change without notice.

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[www.akg.com](http://www.akg.com)



Vocal



Instrument



Sports



Presenter



Universal use



Vocal



Instrument



Sports

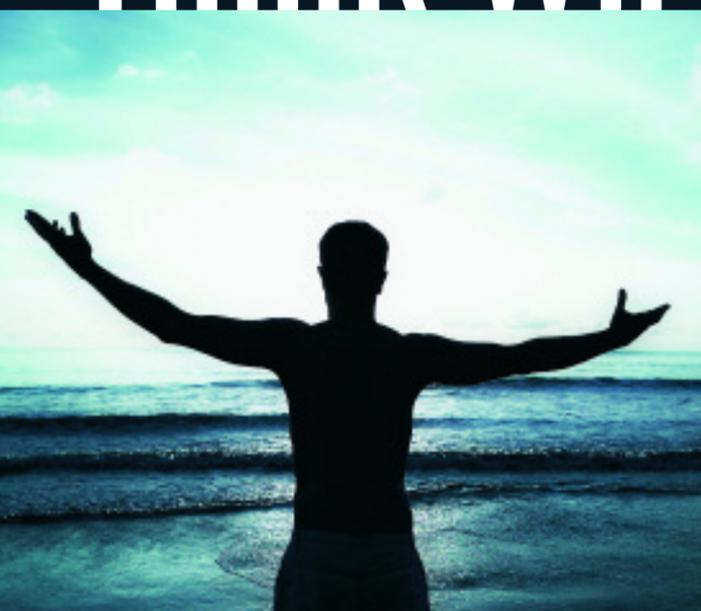


Presenter



Universal use

# Think Wireless



Three selectable UHF frequencies for interference-free reception.



Maximum transmission reliability even in difficult environments. The system automatically selects the antenna providing the best signal.



High Definition Audio Performance technology ensures the legendary, realistic AKG sound and perfect audio transmission.



Transmitters operate for at least 30 hours off a single AA size battery, saving cost, maximizing dependability, and minimizing onstage stress.



Two receivers in a single case minimize space requirements and cost.

## AKG Acoustics. A legendary brand.

We listened to the users and added many useful features to the successful and well-known WMS 40 wireless system. The new WMS 40 PRO wireless provides even more flexibility and mobility for your gig.

From the Olympic Games to you. AKG products have been used with excellent results for many years at the theaters, opera houses, TV stations, conference centers, legislative assemblies, theme parks, and mega-events. International stars in the worlds of pop, rock, and classical music rely on AKG Acoustics. All this knowledge has been used in designing the WMS 40 PRO and is now available in many tailor-made configurations for your specific application.

**Attention:** WMS 40 PRO systems can be operated without any permit or fee in many countries.

WMS 40 PRO		Vocal	Instrumental	Guitar Special	Sports	Presenter	Universal Use
<p><b>FLEXX</b> 1 HT 40 FLEXX handheld transmitter or 1 PT 40 FLEXX bodypack transmitter 1 SR 40 FLEXX receiver</p> <p><b>Maximum flexibility</b> Three selectable frequencies for interference-free reception. Input gain control on transmitter.</p> <ul style="list-style-type: none"> <li>• Single channel with three selectable frequencies</li> <li>• Diversity</li> <li>• Adjustable squelch</li> <li>• Multichannel capability for simultaneous use of up to nine channels*</li> <li>• Rugged case</li> </ul>		<p>Page 4</p> <p><b>Vocal Set FLEXX</b> SR 40 FLEXX, HT 40 FLEXX</p> <p><b>Sports Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, C 444 L</p>	<p>Page 6</p> <p><b>Instrumental Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, MKG L cable</p> <p><b>Vocal Set FLEXX</b> SR 40 FLEXX, HT 40 FLEXX</p>	<p>Page 6</p> <p><b>Instrumental Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, MKG L cable</p>	<p>Page 8</p> <p><b>Sports Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, C 444 L</p> <p><b>Presenter Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, CK 55 L</p> <p><b>Vocal Set FLEXX</b> SR 40 FLEXX, HT 40 FLEXX</p> <p><b>Sports Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, C 444 L</p>	<p>Page 10</p> <p><b>Presenter Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, CK 55 L</p>	<p>Page 12</p>
<p><b>DUAL</b> 2 HT 40 PRO handheld transmitters or 2 PT 40 PRO bodypack transmitters 1 SR 40 Dual receiver</p> <p><b>2-in-1 receiver saves cost</b> The cost efficient alternative for operating two transmitters at the same time.</p> <ul style="list-style-type: none"> <li>• Two fixed-frequency receivers in a single unit</li> <li>• All-metal case</li> <li>• Miniature transmitters</li> <li>• Single-battery powering</li> <li>• Multichannel capability for simultaneous use of up to seven channels*</li> </ul>		<p>Page 4</p> <p><b>Vocal Set DUAL</b> SR 40 Dual, 2x HT 40 PRO</p> <p><b>Presenter Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, HT 40 PRO</p>	<p>Page 6</p> <p><b>Instrumental Set DUAL</b> SR 40 Dual, 2x PT 40 PRO, 2x MKG L cables</p> <p><b>Vocal Set DUAL</b> SR 40 Dual, 2x HT 40 PRO</p>	<p>Page 6</p> <p><b>Guitar / Vocal Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, GB 40</p> <p><b>Instrumental Set DUAL</b> SR 40 Dual, 2x PT 40 PRO, 2x MKG L cables</p>	<p>Page 8</p> <p><b>Presenter Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, HT 40 PRO</p>	<p>Page 10</p> <p><b>Presenter Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, HT 40 PRO</p> <p><b>Vocal Set DUAL</b> SR 40 Dual, 2x HT 40 PRO</p>	<p>Page 12</p>
<p><b>SINGLE</b> 1 HT 40 PRO handheld transmitter or 1 PT 40 PRO bodypack transmitter 1 SR 40 Single receiver</p> <p><b>Plug and play.</b> The perfect solution for a single-channel wireless system. Unpack and start having fun.</p> <ul style="list-style-type: none"> <li>• Single fixed frequency</li> <li>• All-metal case</li> <li>• Miniature transmitters</li> <li>• Single-battery powering</li> <li>• Multichannel capability for simultaneous use of up to seven channels*</li> </ul>		<p>Page 4</p> <p><b>Vocal Set SINGLE</b> SR 40 Single, HT 40 PRO</p> <p><b>Sports Set SINGLE</b> SR 40 Single, PT 40 PRO, C 444 L</p>	<p>Page 6</p> <p><b>Instrumental Set SINGLE</b> SR 40 Single, PT 40 PRO, MKG L cable</p> <p><b>Vocal Set SINGLE</b> SR 40 Single, HT 40 PRO</p>	<p>Page 6</p> <p><b>Instrumental Set SINGLE</b> SR 40 Single, PT 40 PRO, MKG L cable</p>	<p>Page 8</p> <p><b>Sports Set SINGLE</b> SR 40 Single, PT 40 PRO, C 444 L</p> <p><b>Presenter Set SINGLE</b> SR 40 Single, PT 40 PRO, CK 55 L</p>	<p>Page 10</p> <p><b>Presenter Set SINGLE</b> SR 40 Single, PT 40 PRO, CK 55 L</p> <p><b>Vocal Set SINGLE</b> SR 40 Single, HT 40 PRO</p> <p><b>Sports Set SINGLE</b> SR 40 Single, PT 40 PRO, C 444 L</p>	<p>Page 12</p>
<p><b>WMS 40 microtools</b> GB 40, SO 40, TM 40, MP 40 1 SR 40 Single receiver or 1 PR 40 receiver</p> <p><b>Individual configurations</b> Each microtool can be used with the SR 40 Single or PR 40 receiver.</p> <ul style="list-style-type: none"> <li>• Single fixed frequency</li> <li>• Unlimited combinations</li> <li>• Audio compatibility</li> <li>• Frequency compatibility</li> </ul>		<p>Page 4</p> <p><b>TM 40</b> <b>SO 40</b></p>	<p>Page 6</p>	<p>Page 6</p> <p><b>PR 40 + GB 40</b></p>	<p>Page 8</p>	<p>Page 10</p>	<p>Page 12</p> <p><b>PR 40</b> <b>GB 40</b> <b>MP 40</b> <b>SO 40</b> <b>TM 40</b></p>

\* Maximum number of channel depends on local frequency plans. For details, contact your dealer or visit [www.ake.com/wms40pro](http://www.ake.com/wms40pro).

■ First choice

■ Good choice



# Vocal Sets

**Legendary AKG sound.** All WMS 40 PRO vocal systems share the same brilliant sound and ease of use.

- Unique HDAP (High Definition Audio Performance) technology ensures the best possible, realistic sound at any time.
- The rugged handheld transmitter with its soft-touch finish is extremely easy to use and fulfills the highest esthetic requirements.
- The transmitters operate for 30 hours off a single AA size battery, saving frequent battery replacements and thus money.
- If you need two transmitters, consider the cost efficient Dual Set systems.

<b>VOCAL SET FLEXX</b>			
 SR 40 FLEXX receiver	 HT 40 FLEXX handheld transmitter		
<b>VOCAL SET DUAL</b>			
 SR 40 DUAL receiver	 2x HT 40 PRO handheld transmitter		
<b>GUITAR / VOCAL SET DUAL</b>			
 SR 40 DUAL receiver	 PT 40 PRO bodypack transmitter	 C 444 L headworn microphone	 GB 40 instrument transmitter
<b>VOCAL SET SINGLE</b>			
 SR 40 SINGLE receiver	 HT 40 PRO handheld transmitter		

**ARE YOU READY**



HT 40 FLEXX  
handheld transmitter



SR 40 FLEXX  
receiver



CU 400  
optional charger



Vocal



Instrumental



Sports

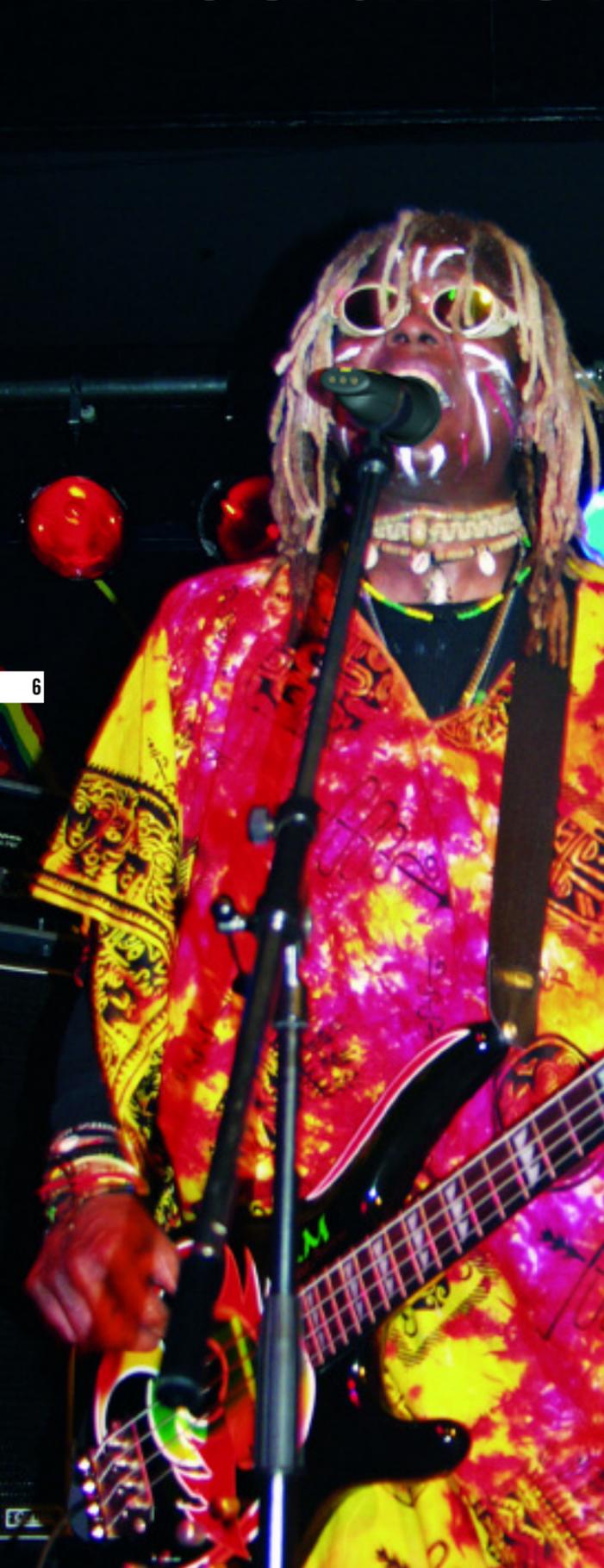


Presenter



Universal Use

# Instrumental Sets



**Highly versatile.** The WMS 40 PRO instrumental sets. The convenient PT 40 PRO bodypack is the smallest and lightest transmitter in its class. It can be used with many AKG miniature microphones.

- The supplied MKG L cable allows an electric guitar or bass to be connected directly to the transmitter.
- The Instrumental Set FLEXX system boasts selectable frequencies and optimum transmission reliability.
- The Instrumental Set Dual system is your best choice for two-channel applications.
- The Guitar/Vocal Set system includes a GB 40 guitarbug transmitter. To sing and play with wireless mobility, all you need to do is connect the GB 40 to your guitar or bass, put on the C 444 L head-worn microphone, and power up.

<b>INSTRUMENTAL SET FLEXX</b>			
 SR 40 FLEXX receiver	 PT 40 FLEXX bodypack transmitter	 MKG L cable	
<b>INSTRUMENTAL SET DUAL</b>			
 SR 40 DUAL receiver	 2x PT 40 PRO bodypack transmitters	 2x MKG L cables	
<b>GUITAR / VOCAL SET DUAL</b>			
 SR 40 DUAL receiver	 PT 40 PRO bodypack transmitter	 C 444 L head-worn microphone	 GB 40 instrument transmitter
<b>INSTRUMENTAL SET SINGLE</b>			
 SR 40 SINGLE receiver	 PT 40 PRO bodypack transmitter	 MKG L cable	

**LET IT ROLL**

**GB 40** guitarbug

FlexJack swiveling, extendible jack plug matches all types of guitar and bass jacks.

**SR 40 FLEXX** receiver

**CU 40** optional charger

**CU 400** optional charger

**PT 40 FLEXX** bodypack transmitter

# Sports Sets



**Move freely!** With the WMS 40 PRO sports sets. The comfortable C 444 L head-worn microphone and the ultra-light PT 40 PRO bodypack transmitter afford the greatest possible mobility.

- Optimum intelligibility and proven AKG sound quality.
- The Sports Set Flex features selectable frequencies. The diversity receiver ensures the best possible reception at any time, an ideal feature for the gym where users tend to move about quickly.
- The C 444 L uses special moisture and pop shields to keep any moisture out of the microphone.
- The transmitter operates for 30 hours off a single AA size battery, saving frequent battery replacements and thus a lot of money.

SPORTS SET FLEXX		
 <p><b>SR 40 FLEXX</b> receiver</p>	 <p><b>PT 40 FLEXX</b> bodypack transmitter</p>	 <p><b>C 444 L</b> head-worn microphone</p>
SPORTS SET SINGLE		
 <p><b>SR 40 SINGLE</b> receiver</p>	 <p><b>PT 40 PRO</b> bodypack transmitter</p>	 <p><b>C 444 L</b> head-worn microphone</p>

**MOVE YOUR BODY**



**PT 40 FLEXX**  
bodypack transmitter

**SR 40 FLEXX**  
receiver

**CU 400**  
optional charger

**C 444 L**  
head-worn microphone

# Presenter Sets



**The sound of your voice.** The WMS 40 PRO presenter sets will get your speech across perfectly. The inconspicuous CK 55 L lavalier microphone is easy to attach.

- Easy to hide in the user's clothes, the WMS 40 PRO presenter sets provide optimum intelligibility for actors, presenters, or moderators.
- Ease of use lets you focus on what you have to say.
- The transmitter operates for 30 hours off a single AA size battery.
- For events with two moderators or an audience channel, we highly recommend using the cost efficient Presenter Set Dual system.

PRESENTER SET FLEXX			
 SR 40 FLEXX receiver	 PT 40 FLEXX bodypack transmitter	 CK 55 L lavalier microphone	
PRESENTER SET DUAL			
 SR 40 DUAL receiver	 PT 40 PRO bodypack transmitter	 C 444 L head-worn microphone	 HT 40 PRO handheld transmitter
PRESENTER SET SINGLE			
 SR 40 SINGLE receiver	 PT 40 PRO bodypack transmitter	 CK 55 L lavalier microphone	

**WE PROUDLY PRESENT...**



# Universal Use



**Anything goes.** Set up your individual system with WMS 40 microtools. You can use every microtool with the SR 40 SINGLE stationary receiver or the PR 40 portable receiver.

- Unlimited combinations
- Audio compatibility
- Frequency compatibility
- High Definition Audio Performance 

## Receivers

<b>SR 40 SINGLE</b> stationary receiver	<b>PR 40</b> portable receiver
	

## WMS 40 Microtools

<b>GB 40</b> guitarbug	<b>MP 40</b> micropen
	
FlexJack swiveling, extendible jack plug matches all types of guitar and bass jacks.	Clever, simple radio microphone for lecturers, moderators, and trainers.
<b>SO 40</b> snapon transmitter	<b>TM 40</b> transmitter module
	
Turns every hardwire dynamic microphone into a wireless microphone.	Plug-in transmitter module specifically designed for Emotion TriPower Series D 3700 <sup>™</sup> , D 880 <sup>™</sup> , and C 900 <sup>™</sup> microphones.

## Accessory

<b>CU 40</b> charger	Just place your microtools in the CU 40 charger after the gig.
	<ul style="list-style-type: none"> <li>• GB 40</li> <li>• MP 40</li> <li>• SO 40</li> <li>• TM 40</li> <li>• PR 40</li> </ul>



# Specifications

## WMS 40 PRO

	SR 40 FLEXX	HT 40 FLEXX	PT 40 FLEXX	SR 40 DUAL	SR 40 SINGLE	HT 40 PRO	PT 40 PRO
							
<b>Carrier frequency</b>	receiver 660 to 865 MHz, 3 selectable frequencies	handheld transmitter 660 to 865 MHz, 3 selectable frequencies	bodypack transmitter 660 to 865 MHz, 3 selectable frequencies	receiver 710 to 865 MHz, 2 fixed-frequency receivers in single case	receiver 710 to 865 MHz, 1 fixed frequency	handheld transmitter 710 to 865 MHz, 1 fixed frequency	bodypack transmitter 710 to 865 MHz, 1 fixed frequency
<b>Audio bandwidth</b>	35 Hz to 20 kHz	65 Hz to 20 kHz	35 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz	65 Hz to 20 kHz	40 Hz to 20 kHz
<b>THD at 1 kHz</b>	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %
<b>Signal/noise ratio</b>	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)
<b>RF output</b>		typ. 10 mW (ERP)	typ. 10 mW (ERP)			typ. 10 mW (ERP)	typ. 10 mW (ERP)
<b>Power requirement</b>	120/230 V AC	1 AA size battery	1 AA size battery	120/230 V AC	120/230 V AC	1 AA size battery	1 AA size battery
<b>Battery life</b>		typ. 30 h (for 2200 mAh)	typ. 30 h (for 2200 mAh)			typ. 30 h (for 2200 mAh)	typ. 30 h (for 2200 mAh)
<b>Audio outputs</b>	bal. XLR and unbal. 1/4" jack, output level adjustable at rated deviation: 500 mV rms.			bal. 1/4" jack, output level, adjustable at rated deviation: 500 mV rms.	bal. 1/4" jack, output level, adjustable at rated deviation: 500 mV rms.		
<b>Size</b>	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	229 x 53 dia. mm	60 x 74 x 30 mm (2.4 x 2.9 x 1.2 in.)	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	229 x 53 dia. mm (9 x 2.1)	60 x 74 x 30 mm (2.4 x 2.9 x 1.2 in.)
<b>Net weight (exc. of batteries)</b>	665 g (1.5 lbs.)	195 g (6.95 oz.)	60 g (2.1 oz.)	674 g (1.4 lbs.)	581 g (1.3 lbs.)	195 g (6.95 oz.)	60 g (2.1 oz.)
<b>Package</b>	SR 40 FLEXX, AC adapter	HT 40 FLEXX, 1 AA size dry battery, 1 semitransparent replacement clip, 1 stand adapter	PT 40 FLEXX, 1 AA size dry battery, 1 labeling sheet	SR 40 DUAL, AC adapter	SR 40 SINGLE, AC adapter	HT 40 PRO, 1 AA size dry battery, 1 semitransparent replacement clip, 1 stand adapter	PT 40 PRO, 1 AA size dry battery, 1 labeling sheet

## WMS 40 Microtools

	PR 40	GB 40	MP 40	SO 40	TM 40
					
<b>Carrier frequency</b>	710 to 865 MHz, 1 fixed frequency	710 to 865 MHz, 1 fixed frequency	710 to 865 MHz, 1 fixed frequency	710 to 865 MHz, 1 fixed frequency	710 to 865 MHz, 1 fixed frequency
<b>Audio bandwidth</b>	40 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz
<b>THD at 1 kHz</b>	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %	typ. 0,8 %
<b>Signal/noise ratio</b>	typ. 103 dB(A)	typ. 103 dB(A)	typ. 103 dB(A)	typ. 103 dB(A)	typ. 103 dB(A)
<b>RF output</b>		typ. 5 mW(ERP)	typ. 5 mW(ERP)	typ. 5 mW(ERP)	typ. 5 mW(ERP)
<b>Power requirement</b>	2 AAA size batteries	1 AAA size batteries	1 AAA size batteries	1 AAA size batteries	1 AAA size batteries
<b>Battery life</b>	> 8 hours (dry batteries), > 6 hours (rechargeable batteries)	< 11 hours (dry batteries), < 6 hours (rechargeable batteries)	< 10 hours (dry batteries), < 5 hours (rechargeable batteries)	< 10 hours (dry batteries), < 5 hours (rechargeable batteries)	< 10 hours (dry batteries), < 6 hours (rechargeable batteries)
<b>Audio outputs</b>	Unbal. line (tip): -6dBm (10 kΩ) Headphone output (ring): 18 mW typ. into 15 Ω; 13 mW typ. into 100 Ω				
<b>Size</b>	77 x 55 x 15 mm (3 x 2.2 x 0.6 in.)	76 x 20 x 28 mm (3 x 0.8 x 1.1 in.)	20 x 25 x 145 mm (0.8 x 1 x 5.7 in.)	22 x 30 x 98 mm (0.8 x 1.2 x 3.8 in.)	125 x 26 dia. mm (4.9 x 1 in.)
<b>Net weight (exc. of batteries)</b>	60 g (2.1 oz.)	28 g (1 oz.)	36 g (1.29 oz.)	36 g (1.29 oz.)	30 g (1.1 oz.)
<b>Package</b>	PR 40 diversity, belt clip, audio connecting cable, Velcro strips for camera mounting, 2 AAA size dry batteries	GB 40, long adapter plug, black battery cover, 2 Velcro strips, 1 AAA size dry battery	MP 40, neck cord, black replacement clip, 1 AAA size dry battery	SO 40, black battery cover, 1 AAA size dry battery	TM 40, charging adapter, color code battery cover, 1 AAA size dry battery

## Accessoires

	CU 40	CU 400
		
<b>charger</b>	CU 40	CU 400
<b>Charging current:</b>	typ. 550 mA	typ. 1.4 A in single-slot mode typ. 0.7 A if both slots are used simultaneously
<b>Max. charging time:</b>	1 hour	typ. 1.5 hours in single-slot mode typ. 3 hours if both slots are used simultaneously (depending on battery type and capacity)
<b>For use with:</b>	PR 40 GB 40 MP 40 SO 40 TM 40	HT 40 FLEXX, PT 40 FLEXX, HT 40 PRO, PT 40 PRO
<b>Size</b>	100 x 58 x 135 mm (3.9 x 2.3 x 5.3 in.)	188 x 115 x 78 mm (7.4 x 4.5 x 3 in.)
<b>Net weight (exc. of batteries)</b>	approx. 400 g (0.83 lbs.)	approx. 420 g (0.87 lbs.)
<b>Package</b>	CU 40, AC adapter (12 V DC output)	CU 400, AC adapter (12 V DC output)

## Recommended microphones for PT 40 PRO and PT 40 FLEXX

