

# AKG ACOUSTICS

# THINK WIRELESS

## WMS 40 PRO

ULTRAHIGHFREQUENCY

+ WMS 40 microtools



# Think Wireless



## MULTI FREQUENCY

Three selectable UHF frequencies for interference-free reception.



## DIVERSITY

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.



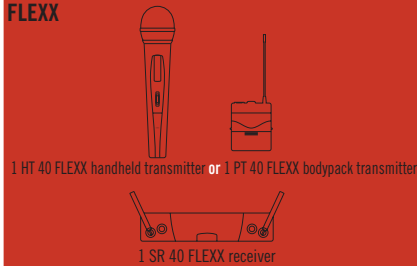
Two receivers in a single case minimize space requirements and cost.

## 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.

# WMS 40 PRO

### FLEXX

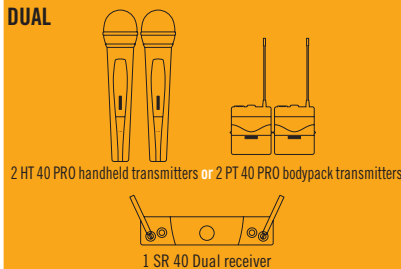


#### Maximum flexibility

Three selectable frequencies for interference-free reception. Input gain control on transmitter.

- Single channel with three selectable frequencies
- Diversity
- Adjustable squelch
- Multichannel capability for simultaneous use of up to nine channels\*
- Rugged case

### DUAL

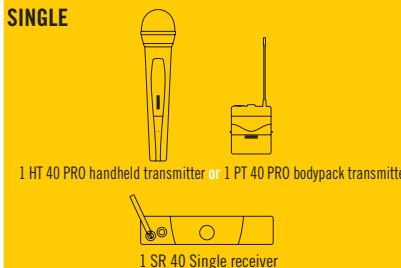


#### 2-in-1 receiver saves cost

The cost efficient alternative for operating two transmitters at the same time.

- Two fixed-frequency receivers in a single unit
- All-metal case
- Miniature transmitters
- Single-battery powering
- Multichannel capability for simultaneous use of up to seven channels\*

### SINGLE

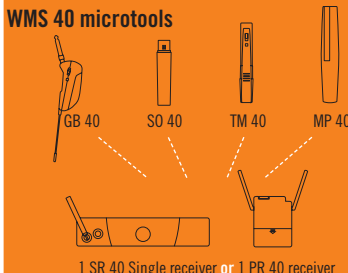


#### Plug and play.

The perfect solution for a single-channel wireless system. Unpack and start having fun.

- Single fixed frequency
- All-metal case
- Miniature transmitters
- Single-battery powering
- Multichannel capability for simultaneous use of up to seven channels\*

### WMS 40 microtools



#### Individual configurations

Each microtool can be used with the SR 40 Single or PR 40 receiver.

- Single fixed frequency
- Unlimited combinations
- Audio compatibility
- Frequency compatibility

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

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.

	Vocal	Instrumental	Guitar Special	Sports	Presenter	Universal Use
						
	Page 4	Page 6	Page 6	Page 8	Page 10	Page 12
   	<b>Vocal Set FLEXX</b> SR 40 FLEXX, HT 40 FLEXX  <b>Sports Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, C 444 L	<b>Instrumental Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, MKG L cable  <b>Vocal Set FLEXX</b> SR 40 FLEXX, HT 40 FLEXX	<b>Instrumental Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, MKG L cable	<b>Sports Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, C 444 L  <b>Presenter Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, CK 55 L	<b>Presenter Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, CK 55 L  <b>Vocal Set FLEXX</b> SR 40 FLEXX, HT 40 FLEXX  <b>Sports Set FLEXX</b> SR 40 FLEXX, PT 40 FLEXX, C 444 L	
  	<b>Vocal Set DUAL</b> SR 40 Dual, 2x HT 40 PRO  <b>Presenter Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, HT 40 PRO	<b>Instrumental Set DUAL</b> SR 40 Dual, 2x PT 40 PRO, 2x MKG L cables  <b>Vocal Set DUAL</b> SR 40 Dual, 2x HT 40 PRO	<b>Guitar / Vocal Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, GB 40  <b>Instrumental Set DUAL</b> SR 40 Dual, 2x PT 40 PRO, 2x MKG L cables	<b>Presenter Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, HT 40 PRO	<b>Presenter Set DUAL</b> SR 40 Dual, PT 40 PRO, C 444 L, HT 40 PRO  <b>Vocal Set DUAL</b> SR 40 Dual, 2x HT 40 PRO	
 	<b>Vocal Set SINGLE</b> SR 40 Single, HT 40 PRO  <b>Sports Set SINGLE</b> SR 40 Single, PT 40 PRO, C 444 L	<b>Instrumental Set SINGLE</b> SR 40 Single, PT 40 PRO, MKG L cable  <b>Vocal Set SINGLE</b> SR 40 Single, HT 40 PRO	<b>Instrumental Set SINGLE</b> SR 40 Single, PT 40 PRO, MKG L cable	<b>Sports Set SINGLE</b> SR 40 Single, PT 40 PRO, C 444 L  <b>Presenter Set SINGLE</b> SR 40 Single, PT 40 PRO, CK 55 L	<b>Presenter Set SINGLE</b> SR 40 Single, PT 40 PRO, CK 55 L  <b>Vocal Set SINGLE</b> SR 40 Single, HT 40 PRO  <b>Sports Set SINGLE</b> SR 40 Single, PT 40 PRO, C 444 L	
	<b>TM 40</b> <b>SO 40</b>		<b>PR 40 + GB 40</b>		<b>PR 40</b> <b>GB 40</b> <b>MP 40</b> <b>SO 40</b> <b>TM 40</b>	

■ First choice

■ Good choice



Vocal



Instrumental



Sports



Presenter



Universal Use

# 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.

## VOCAL SET FLEXX



**SR 40 FLEXX**  
receiver



**HT 40 FLEXX**  
handheld transmitter

## VOCAL SET DUAL



**SR 40 DUAL**  
receiver



**2x HT 40 PRO**  
handheld transmitter

## GUITAR / VOCAL SET DUAL



**SR 40 DUAL**  
receiver



**PT 40 PRO**  
bodypack  
transmitter



**C 444 L**  
headworn  
microphone



**GB 40**  
instrument transmitter

## VOCAL SET SINGLE



**SR 40 SINGLE**  
receiver



**HT 40 PRO**  
handheld transmitter

**ARE YOU READY**



**HT 40 FLEXX**  
handheld transmitter



**CU 400**  
optional charger



**SR 40 FLEXX**  
receiver



Vocal

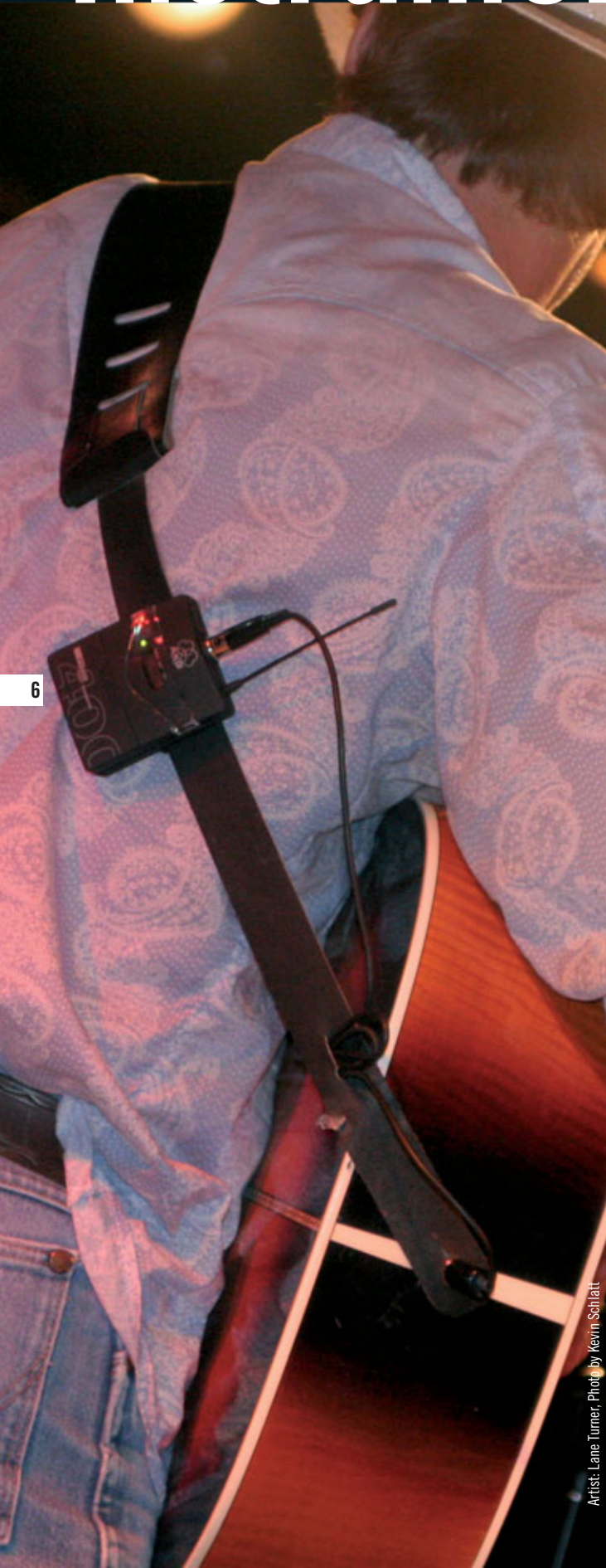
Instrumental

Sports

Presenter

Universal Use

# Instrumental Sets



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Artist: Lane Turner, Photo by Kevin Schiatt

**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.

## INSTRUMENTAL SET FLEXX



SR 40 FLEXX receiver



PT 40 FLEXX bodypack transmitter



MKG L cable



## INSTRUMENTAL SET DUAL



SR 40 DUAL receiver



2x PT 40 PRO bodypack transmitters



2x MKG L cables



## GUITAR / VOCAL SET DUAL



SR 40 DUAL receiver



PT 40 PRO bodypack transmitter



C 444 L head-worn microphone



GB 40 instrument transmitter



## INSTRUMENTAL SET SINGLE



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.



**CU 40**  
optional charger



**PT 40 FLEXX**  
bodypack transmitter

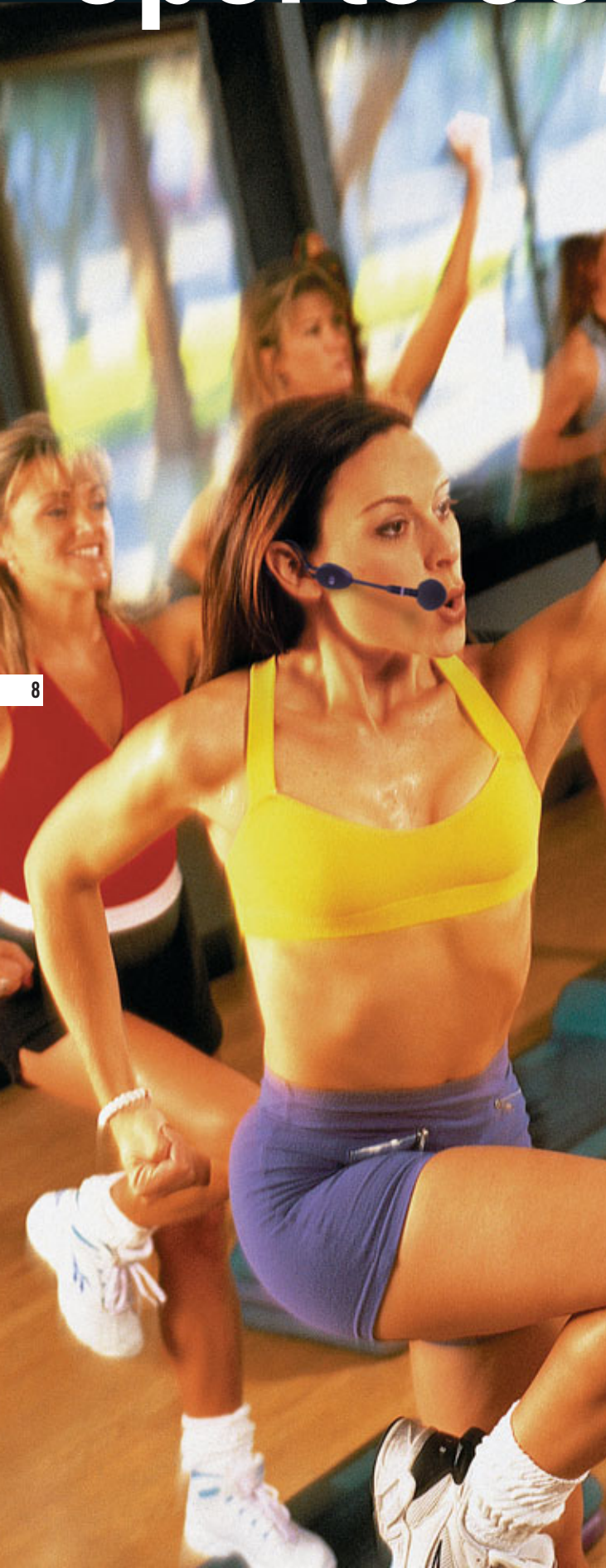


**SR 40 FLEXX**  
receiver



**CU 400**  
optional charger

# 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 Flexx 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.

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## SPORTS SET FLEXX



**SR 40 FLEXX**  
receiver



**PT 40 FLEXX**  
bodypack  
transmitter



**C 444 L**  
head-worn microphone



## SPORTS SET SINGLE



**SR 40 SINGLE**  
receiver



**PT 40 PRO**  
bodypack  
transmitter



**C 444 L**  
head-worn microphone





**MOVE YOUR BODY**



**PT 40 FLEXX**  
bodypack transmitter

**SR 40 FLEXX**  
receiver

**CU 400**  
optional charger

**C 444 L**  
head-worn microphone

# Presenter Sets



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**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...**



**CK 55 L**  
lavalier microphone



**SR 40 FLEXX**  
receiver



**CU 400**  
optional charger



**PT 40 FLEXX**  
bodypack transmitter

# Universal Use



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**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

**SR 40 SINGLE** stationary receiver



**PR 40** portable receiver



## WMS 40 Microtools



**GB 40** guitarbug



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

**MP 40** micropen



Clever, simple radio microphone for lecturers, moderators, and trainers.

**SO 40** snapon transmitter



Turns every hardwire dynamic microphone into a wireless microphone.

**TM 40** transmitter module



Plug-in transmitter module specifically designed for Emotion TriPower Series D 3700<sup>M</sup>, D 880<sup>M</sup>, and C 900<sup>M</sup> microphones.

## Accessory



**CU 40** charger



Just place your microtools in the CU 40 charger after the gig.

- GB 40
- MP 40
- SO 40
- TM 40
- PR 40



**SR 40 SINGLE**  
stationary receiver

**THE CHOICE IS YOURS**



**GB 40**  
guitarbug



**MP 40**  
micropen



**SO 40**  
snapon transmitter



**TM 40**  
transmitter module



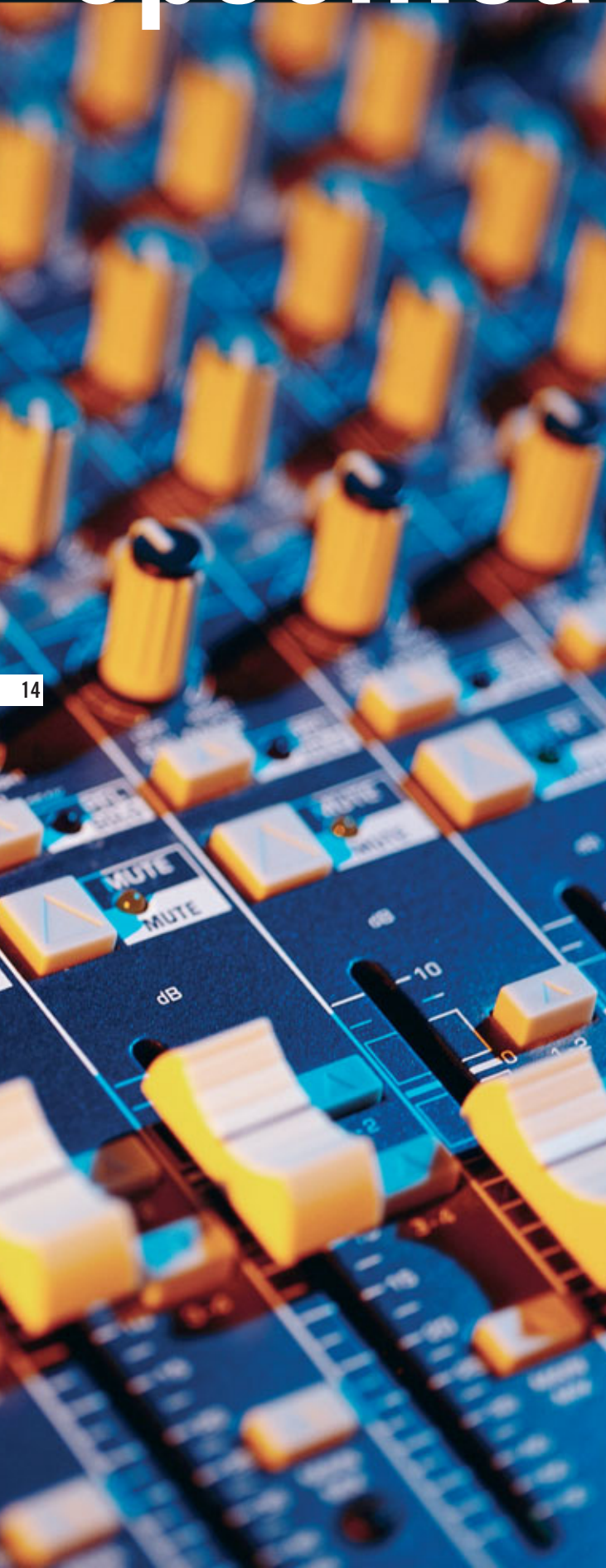
**CU 40**  
charger (optional)

**WMS 40 Microtools**



**PR 40**  
portable receiver

# Specifications



## WMS 40 PRO

### SR 40 FLEXX



receiver

### HT 40 FLEXX



handheld transmitter

<b>Carrier frequency</b>	660 to 865 MHz, 3 selectable frequencies	660 to 865 MHz, 3 selectable frequencies
<b>Audio bandwidth</b>	35 Hz to 20 kHz	65 Hz to 20 kHz
<b>THD at 1 kHz</b>	typ. 0.8 %	typ. 0.8 %
<b>Signal/noise ratio</b>	typ. 110 dB(A)	typ. 110 dB(A)
<b>RF output</b>		typ. 10 mW (ERP)
<b>Power requirement</b>	120/230 V AC	1 AA size battery
<b>Battery life</b>		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.	
<b>Size</b>	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	229 x 53 dia. mm (9 x 2.1 in.)
<b>Net weight (exc. of batteries)</b>	665 g (1.5 lbs.)	195 g (6.95 oz.)
<b>Package</b>	SR 40 FLEXX, AC adapter	HT 40 FLEXX, 1 AA size dry battery, 1 semitransparent replacement clip, 1 stand adapter

## WMS 40 Microtools

### PR 40



portable receiver

### GB 40



guitarbug

<b>Carrier frequency</b>	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
<b>THD at 1 kHz</b>	typ. 0.8 %	typ. 0.8 %
<b>Signal/noise ratio</b>	typ. 103 dB(A)	typ. 103 dB(A)
<b>RF output</b>		typ. 5 mW(ERP)
<b>Power requirement</b>	2 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)
<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.)
<b>Net weight (exc. of batteries)</b>	60 g (2.1 oz.)	28 g (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

## Recommended microphones for PT 40 PRO and PT 40



## PT 40 FLEXX



### bodypack transmitter

660 to 865 MHz,  
3 selectable frequencies  
35 Hz to 20 kHz

typ. 0.8 %  
typ. 110 dB(A)

typ. 10 mW (ERP)

1 AA size battery

typ. 30 h (for 2200 mAh)

60 x 74 x 30 mm  
(2.4 x 2.9 x 1.2 in.)  
60 g (2.1 oz.)

PT 40 FLEXX, 1 AA size dry battery,  
1 labeling sheet

## SR 40 DUAL



### receiver

710 to 865 MHz,  
2 fixed-frequency receivers in single case  
40 Hz to 20 kHz

typ. 0.8 %  
typ. 110 dB(A)

120/230 V AC

bal. 1/4" jack, output level,  
adjustable at rated deviation:  
500 mV rms.

200 x 190 x 44 mm  
(7.8 x 7.4 x 1.7 in.)  
647 g (1.4 lbs.)

SR 40 DUAL, AC adapter

## SR 40 SINGLE



### receiver

710 to 865 MHz, 1 fixed frequency  
40 Hz to 20 kHz

typ. 0.8 %  
typ. 110 dB(A)

120/230 V AC

bal. 1/4" jack, output level,  
adjustable at rated deviation:  
500 mV rms.

200 x 190 x 44 mm  
(7.8 x 7.4 x 1.7 in.)  
581 g (1.3 lbs.)

SR 40 SINGLE, AC adapter

## HT 40 PRO



### handheld transmitter

710 to 865 MHz, 1 fixed frequency  
65 Hz to 20 kHz

typ. 0.8 %  
typ. 110 dB(A)

typ. 10 mW (ERP)

1 AA size battery

typ. 30 h (for 2200 mAh)

229 x 53 dia. mm  
(9 x 2.1 in.)  
195 g (6.95 oz.)

HT 40 PRO, 1 AA size dry battery,  
1 semitransparent replacement clip,  
1 stand adapter

## PT 40 PRO



### bodypack transmitter

710 to 865 MHz, 1 fixed frequency  
40 Hz to 20 kHz

typ. 0.8 %  
typ. 110 dB(A)

typ. 10 mW (ERP)

1 AA size battery

typ. 30 h (for 2200 mAh)

60 x 74 x 30 mm  
(2.4 x 2.9 x 1.2 in.)  
60 g (2.1 oz.)

PT 40 PRO, 1 AA size dry battery,  
1 labeling sheet

## MP 40



### micropen

710 to 865 MHz, 1 fixed frequency  
40 Hz to 20 kHz

typ. 0.8 %  
typ. 103 dB(A)

typ. 5 mW(ERP)

1 AAA size batteries

< 10 hours (dry batteries),  
< 5 hours (rechargeable batteries)

20 x 25 x 145 mm  
(0.8 x 1 x 5.7 in.)  
36 g (1.29 oz.)

MP 40, neck cord,  
black replacement clip,  
1 AAA size dry battery

## SO 40



### snapon transmitter

710 to 865 MHz, 1 fixed frequency  
40 Hz to 20 kHz

typ. 0.8 %  
typ. 103 dB(A)

typ. 5 mW(ERP)

1 AAA size batteries

< 10 hours (dry batteries),  
< 5 hours (rechargeable batteries)

22 x 30 x 98 mm  
(0.8 x 1.2 x 3.8 in.)  
36 g (1.29 oz.)

SO 40, black battery cover,  
1 AAA size dry battery

## TM 40



### transmitter module

710 to 865 MHz, 1 fixed frequency  
40 Hz to 20 kHz

typ. 0.8 %  
typ. 103 dB(A)

typ. 5 mW(ERP)

1 AAA size batteries

< 10 hours (dry batteries),  
< 6 hours (rechargeable batteries)

125 x 26 dia. mm  
(4.9 x 1 in.)  
30 g (1.1 oz.)

TM 40, charging adapter,  
color code battery cover,  
1 AAA size dry battery

## Accessories

### CU 40



### charger

Charging current: typ. 550 mA  
Max. charging time: 1 hour

For use with:

PR 40  
GB 40  
MP 40  
SO 40  
TM 40

100 x 58 x 135 mm  
(3.9 x 2.3 x 5.3 in.)  
approx. 400 g (0.83 lbs.)

CU 40, AC adapter (12 V DC output)

### CU 400



### charger

Charging current:  
typ. 1.4 A in single-slot mode  
typ. 0.7 A if both slots are used  
simultaneously

Max. charging time:

typ. 1.5 hours in single-slot mode  
typ. 3 hours if both slots are used  
simultaneously  
(depending on battery  
type and capacity)

For use with:

HT 40 FLEXX, PT 40 FLEXX, HT 40 PRO,  
PT 40 PRO

188 x 115 x 78 mm  
(7.4 x 4.5 x 3 in.)  
approx. 420 g (0.87 lbs.)

CU 400, AC adapter (12 V DC output)

## 40 FLEXX



Vocal



Instrumental



Sports



Presenter



Universal Use

# AKG ACOUSTICS



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