

# AKG ACOUSTICS

## AKG Professional Headsets



**The new HSC and HSD Series.**

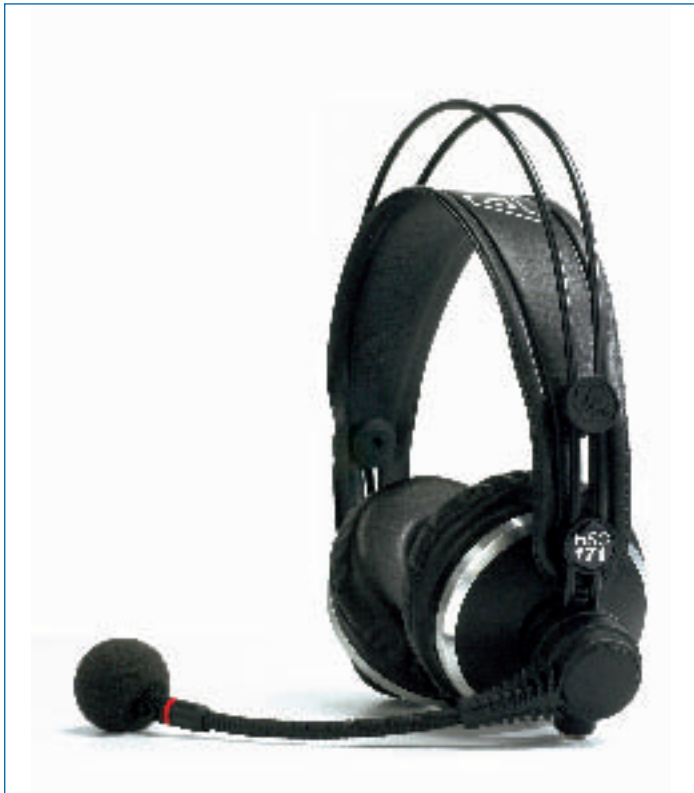
**Studio quality**

**at its best.**



# AKG ACOUSTICS

## AKG professional head



HSC 171

- **Professional headsets derived from K 171 and K 271 Studio headphones**
- **Closed-back headphones for optimum ambient-noise attenuation**
- **Available with condenser or dynamic microphones**
- **Flexible microphone arm with shock mounted transducer, swiveling through 270 degrees for left or right-hand use**
- **Noiseless microswitches for automatic microphone muting**
- **All HSC/HSD 271 versions with headphone auto-mute function**



HSC 271

These professional headsets from AKG have been designed for broadcast and recording use. Derived from the high quality, extremely accurate K 171 Studio and K 271 Studio headphones, the headsets are available with either a condenser or a dynamic microphone.

In addition to excellent comfort, optimum ambient-noise attenuation, and outstanding audio quality, the HSC and HSD Series professional headsets use the same proven detachable cable as the Studio Series headphones. So should a cable become defective under the enormous stress of day-to-day broadcast work, it can be replaced quickly and without any tools.

The flexible microphone arm swivels through a 270-degree arc and mutes the microphone automatically as you move it up – no need to fumble for a mute button! Also, you can wear the microphone to the left or right of your mouth depending on your preferences or available space.

Commentators, off-camera moderators, camera operators, or sound engineers – AKG professional headsets are always the perfect tools for any application in professional audio and satisfy every user's personal preferences.

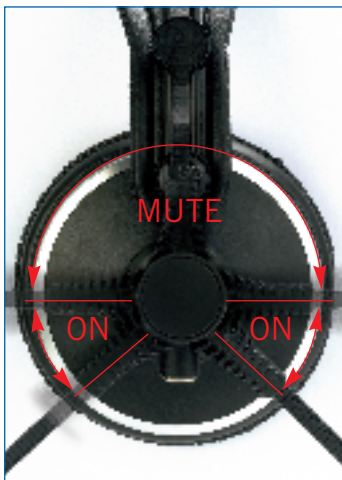
# sets – Take your pick.



HSD 171



HSD 271



Swiveling through 270 degrees, the microphone arm allows you to place the microphone on the left or right of your mouth. Noiseless microswitches automatically activate and mute the microphone.

The detachable cable is easy to service or replace if defective. A rugged, locking 6-pin mini XLR connector carries all signals to and from the headset.



All HSD models provide the microphone signal on a standard 3-pin XLR connector, HSC models on a 3-pin XLR with an integrated phantom power adapter and switchable bass cut filter.

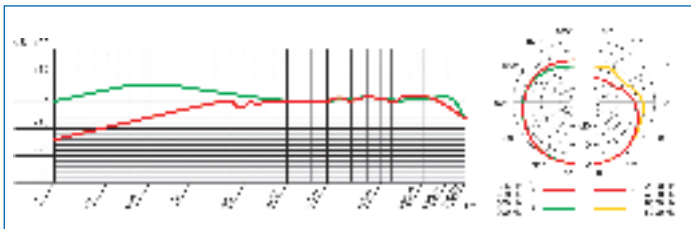


The HSD 271 is also available in a special version with a single earphone. This model is the perfect choice for all jobs where the user needs to listen to natural sounds as well as those coming through the headphones.

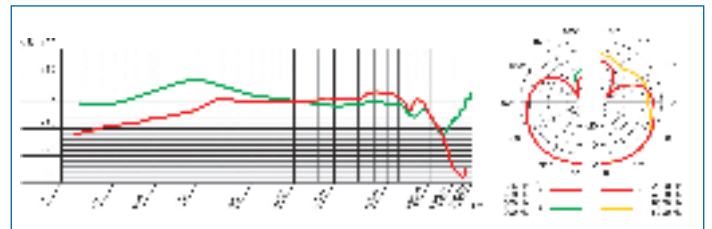
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## SPECIFICATIONS

Microphone	HSC 171	HSC 271	HSD 171	HSD 271, HSD 271 Single
<b>Type:</b>	prepolarized condenser microphone	prepolarized condenser microphone	dynamic	dynamic
<b>Polar pattern:</b>	cardioid	cardioid	hypercardioid	hypercardioid
<b>Frequency range:</b>	20 Hz to 20 kHz	20 Hz to 20 kHz	60 Hz to 17 kHz	60 Hz to 17 kHz
<b>Sensitivity:</b>	25 mV/Pa	25 mV/Pa	1 mV/Pa (-60 dBV)	1 mV/Pa (-60 dBV)
<b>Max. SPL for 1% / 3% THD:</b>	126 dB/-	126 dB/-	124 / 128 dB	124 / 128 dB
<b>Equivalent noise level:</b>	22 dB(A)	22 dB(A)	15 dB(A)	15 dB(A)
<b>Signal/noise ratio (A-weighted):</b>	72 dB	72 dB	-	-
<b>Electrical impedance:</b>	≤ 200 ohms	≤ 200 ohms	≤ 600 ohms	≤ 600 ohms
<b>Recommended load impedance:</b>	≥ 2000 ohms	≥ 2000 ohms	≥ 2000 ohms	≥ 2000 ohms
<b>Power requirement:</b>	9 to 52 V phantom power	9 to 52 V phantom power	-	-
<b>Current consumption:</b>	≤ 2 mA	≤ 2 mA	-	-
<b>Headphones</b>				
<b>Type:</b>	closed-back, supraaural dynamic headphones	closed-back, circumaural dynamic headphones	closed-back, supraaural dynamic headphones	closed-back, circumaural dynamic headphones
<b>Sensitivity:</b>	94 dB SPL/mW	94 dB SPL/mW	94 dB SPL/mW	94 dB SPL/mW
<b>Frequency range:</b>	18 Hz to 26 kHz	16 Hz to 28 kHz	18 Hz to 26 kHz	16 Hz to 28 kHz
<b>Power rating:</b>	200 mW	200 mW	200 mW	200 mW
<b>Rated impedance:</b>	55 ohms	55 ohms	55 ohms	55 ohms
<b>THD:</b>	<0.4 %	<0.3 %	<0.4 %	<0.3 %
<b>System</b>				
<b>Connector:</b>	6-pin mini XLR connector	6-pin mini XLR connector	6-pin mini XLR connector	6-pin mini XLR connector
<b>Cable:</b>	2 x 3-conductor; separable; 10 ft. (3 m) long; coiled section; with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector w/integrated HSC-PA phantom power adapter (microphone)	2 x 3-conductor; separable; 10 ft. (3 m) long; coiled section; with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector w/integrated HSC-PA phantom power adapter (microphone)	2 x 3-conductor; separable; 10 ft. (3 m) long; coiled section; with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector (microphone)	2 x 3-conductor; separable; 10 ft. (3 m) long; coiled section; with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector (microphone)
<b>Finish:</b>	matte black	matte black	matte black	matte black
<b>Weight:</b>	250 g (8.8 oz.)	300 g (10.6 oz.)	255 g (9 oz.)	HSD 271: 305 g (10.8 oz.) HSD 271 Single: 265 g (9.4 oz.)



HSC Series: microphone frequency response and polar diagram



HSD Series: microphone frequency response and polar diagram

## Microphones · Headphones · Wireless Microphones · Wireless Headphones · Headsets · Electroacoustical Components

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