



PERCEPTION *live*

BEDIENUNGSANLEITUNG 2

Bitte vor Inbetriebnahme des Gerätes lesen!

USER INSTRUCTIONS 10

Please read the manual before using the equipment!



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1 Safety



ATTENTION

Risk of damage

Please make sure that the piece of equipment your microphone will be connected to fulfills the safety regulations in force in your country and is fitted with a ground lead.

2 Description

Introduction

Thank you for purchasing an AKG product. This Manual contains important instructions for setting up and operating your equipment. Please take a few minutes to **read the instructions below carefully before operating the equipment**. Please keep the Manual for future reference. Have fun and impress your audience!



P 2

- Dynamic instrument microphone
- Cardioid polar pattern
- Carrying case
- For kick drum, bass amps, wind instruments



P 4

- Dynamic instrument microphone
- Cardioid polar pattern
- H 440 bracket
- Carrying case
- For toms, percussion, guitar amps, wind instruments



P 3 S

- Dynamic instrument microphone with on/off switch
- Cardioid polar pattern
- SA 45 stand adapter
- Carrying case
- For instruments and backing vocals



P 5 / P 5 S

- Dynamic vocal microphone with on/off switch
- Supercardioid polar pattern
- SA 45 stand adapter
- Carrying case
- For solo vocals

Optional Accessories

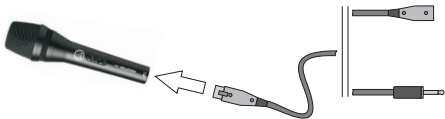
For optional accessories, refer to the current AKG catalog or folder, or visit www.ake.com. Your dealer will be glad to help.



3 Application

Connecting the microphone

The microphone provides a balanced output on a 3-pin male XLR connector:



You can connect the microphone either to a balanced or an unbalanced microphone input.

- To connect the microphone to a balanced input (XLR connector), use a commercial XLR cable.
- To connect the microphone to an unbalanced microphone input (1/4" jack), use a cable with a female XLR connector and a 1/4" TS jack plug. Please note that unbalanced cables may pick up interference from stray magnetic fields near power or lighting cables, electric motors, etc. like an antenna. This may cause hum or similar noise when you use a cable that is longer than 16 feet (5 m).

Switching the microphone on/off

Microphones with name suffix "S" have an on/off switch.

- 1) To switch the microphone on, slide the on/off switch toward the front grill ("ON" position)
- 2) To switch the microphone off, slide the on/off switch toward the microphone cable ("OFF" position)

To prevent unwanted bursts of noise, be sure to switch the microphone off before connecting or disconnecting the microphone cable.

4 Cleaning

Microphone

- Use a soft cloth moistened with water to clean the surface of the microphone body.

Internal Windscreen

- 1) Unscrew the front grill from the microphone CCW.
- 2) Remove the windscreen from the grill and wash the windscreen in soap suds.
- 3) Allow the windscreen to dry overnight.
- 4) Replace the windscreen in the front grill and screw the front grill on the microphone CW.

5 Specifications

P 2	Polar pattern:	cardioid
	Frequency range:	20 to 16,000 Hz
	Sensitivity:	2.5 mV/Pa
	Recommended load impedance:	$\geq 2,000$ ohms
	Max. sound pressure level:	157 dB SPL

P 4	Polar pattern:	cardioid
	Frequency range:	40 to 18,000 Hz
	Sensitivity:	2.5 mV/Pa
	Recommended load impedance:	$\geq 2,000$ ohms
	Max. sound pressure level:	152 dB SPL

P 3 S	Polar pattern:	cardioid
	Frequency range:	40 to 20,000 Hz
	Sensitivity:	2.5 mV/Pa
	Recommended load impedance:	$\geq 2,000$ ohms
	Max. sound pressure level:	144 dB SPL

P 5 / P 5 S	Polar pattern:	supercardioid
	Frequency range:	40 to 20,000 Hz
	Sensitivity:	2.5 mV/Pa
	Recommended load impedance:	$\geq 2,000$ ohms
	Max. sound pressure level:	144 dB SPL

This product conforms to the standards listed in the Declaration of Conformity. To order a free copy of the Declaration of Conformity, visit <http://www.akg.com> or contact sales@akg.com.



6 Troubleshooting

Problem	Possible Cause	Remedy
No sound	Channel or master fader on mixer, or volume control on amplifier is at zero.	Set channel or master fader on mixer or volume control on amplifier to desired level.
	Microphone is not connected to mixer or amplifier.	Connect microphone to mixer or amplifier.
	Cable connectors are seated loosely.	Check cable connectors for secure seat.
	Cable is defective.	Check cable and replace if damaged.
	P 3 S, P 5 S: Switch in "OFF" position.	P 3 S, P 5 S: Set switch to "ON" position.
Distortion	Gain control on mixer or transmitter module not set correctly.	Set gain control to stop distortion.
Microphone sounds dull	Internal or external windscreen attenuates high frequencies when soiled.	Clean internal or external windscreen.

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AKG Acoustics GmbH

Lemböckgasse 21–25, A-1230 Vienna/AUSTRIA, phone: (+43-1) 86654-0*
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