



# C 544

**BEDIENUNGSANLEITUNG** ..... S. 2  
Bitte vor Inbetriebnahme des Gerätes lesen!

**USER INSTRUCTIONS** ..... p. 12  
Please read the manual before using the equipment!

**MODE D'EMPLOI** ..... p. 22  
Veuillez lire cette notice avant d'utiliser le système!

**ISTRUZIONI PER L'USO** ..... p. 32  
Prima di utilizzare l'apparecchio, leggere il manuale!

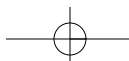
**MODO DE EMPLEO** ..... p. 42  
¡Sirvase leer el manual antes de utilizar el equipo!

**INSTRUÇÕES DE USO** ..... p. 52  
Favor leia este manual antes de usar o equipamento!



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## 1 Safety and Environment

- 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.



**Safety**

1. When scrapping the equipment, separate the case, circuit boards, and cables, and dispose of all components in accordance with local waste disposal rules.
2. The packaging of the equipment is recyclable. To dispose of the packaging, make sure to use a collection/recycling system provided for that purpose and observe local legislation relating to waste disposal and recycling.

**Environment**



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## 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.

### Packing List

- C 544 microphone
- W 444 foam windscreen
- 4 moisture shields

### Optional Accessories

- For optional accessories, refer to the current AKG catalog or folder, or visit [www.ake.com](http://www.ake.com). Your dealer will be glad to help.

### The Microphone

The C 544 is a head-worn miniature condenser microphone with a convenient behind-the-neck headband. The microphone has a cardioid polar pattern and therefore “prefers” sounds arriving from in front of it (from the user’s mouth).

The microphone body containing the condenser transducer is shock mounted on the microphone arm in order to suppress cable and mechanical noise. The microphone arm will place the microphone in front of the corner of your mouth to minimize pop noise and protect the microphone from contamination. The supplied windscreen makes the microphone even less susceptible to wind and pop noise.

### Moisture Shield

A special moisture shield on the microphone capsule makes it difficult for moisture and makeup to penetrate into the microphone. This barrier prevents the microphone sound entries from being clogged by perspiration or makeup which would make the sound dull and reduce the sensitivity of the microphone. Therefore, never remove the moisture shield from the microphone!



## 3 Interfacing

The C 544 is a condenser microphone and therefore needs a power supply.

### Introduction

- **Using any power supply other than those recommended by AKG may damage your microphone and will void the warranty.**



**IMPORTANT**

1. Plug the mini XLR connector on the microphone cable all the way into one of the two mini XLR sockets on the B 29 L, the mini XLR socket on the connecting cable of the MPA V L, or the input jack on your bodypack transmitter.  
The connector will lock automatically.

### Connecting the Microphone

- To disconnect the cable, press the unlocking button on the mini XLR connector (1) and pull the connector (1) out of the socket.

### Disconnecting the cable:

- **To avoid damaging the cable, never pull at the cable itself!**



**IMPORTANT**

2. **B 29 L:** Connect the B 29 L to the desired input.  
**MPA V L:** Connect the MPA V L to a balanced XLR microphone input with phantom power and switch the phantom power on.



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## 4 Operating Notes

### Putting the Microphone On



Fig. 1: Putting the mic on.

1. Put the microphone on as shown in fig. 1 above.
2. Bend the gooseneck so that the microphone will sit to one side in front of the corner of your mouth.



Fig. 2: Positioning the mic.

- Refer to fig. 2.
3. Find the optimum position during the soundcheck.



#### Note

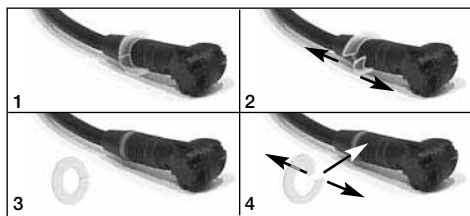
- Should you hear excessive pop noise ("p" and "t" sounds are overemphasized unnaturally), move the microphone capsule further away from your mouth (up or back).
- If the microphone sounds "thin" or flat, move the microphone capsule closer to your mouth (refer to fig. 3).

## 4 Operating Notes

If (for instance, in outdoor use) excessive wind or pop noise becomes audible, attach the supplied windscreen to the microphone.

### Using the Windscreen

1. Slide the windscreen onto the microphone capsule.
2. Pull the windscreen over the outer edge of the microphone capsule.



### Replacing the Moisture Shield

Fig. 3: Replacing the moisture shield.

- If the moisture shield gets damaged, replace it with one of the supplied extra moisture shields as shown above.

Refer to fig. 3.



## 5 Cleaning

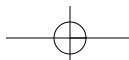
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### Microphone Body

- To clean the microphone surface, use a soft cloth moistened with water.

### Windscreen

- Clean the foam windscreen in mild soap suds. You can use the windscreen again as soon as it has dried.





## 6 Troubleshooting

| Problem   | Mögliche Ursache   | Abhilfe   |
|---|--|---|
| No sound:                                       | <ol style="list-style-type: none"> <li>1. Power to mixer and/or amplifier is off.</li> <li>2. Channel or master fader on mixer, or volume control on amplifier is at zero.</li> <li>3. Microphone is not connected to mixer or amplifier.</li> <li>4. Cable connectors are seated loosely.</li> <li>5. Cable is defective.</li> <li>6. No supply voltage.</li> </ol> | <ol style="list-style-type: none"> <li>1. Switch power to mixer or amplifier on.</li> <li>2. Set channel or master fader on mixer or volume control on amplifier to desired level.</li> <li>3. Connect microphone to mixer or amplifier.</li> <li>4. Check cable connectors for secure seat.</li> <li>5. Check cable and replace if damaged.</li> <li>6. Switch phantom power on.<br/>Phantom power supply: connect to power outlet or insert battery (batteries).<br/>Check cable and replace if necessary.</li> </ol> |
| Distortion:                                     | <ol style="list-style-type: none"> <li>1. Gain control on the mixer set too high.</li> <li>2. Mixer input sensitivity too high.</li> </ol>   | <ol style="list-style-type: none"> <li>1. Turn gain control down CCW.</li> <li>2. Connect a 10-dB preattenuation pad between microphone cable and input.</li> </ol>   |
| Also read the transmitter and receiver manuals! |  |   |



## 7 Specifications

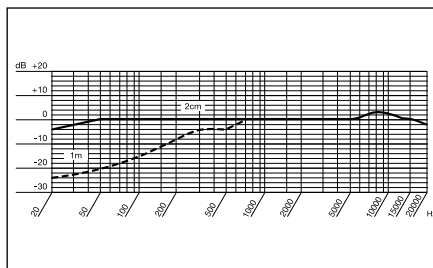
|  |  |
|--|--|
| Type:                                  | Pre-polarized condenser microphone   |
| Polar pattern:                         | Cardioid   |
| Frequency range:                       | 20 Hz to 20,000 Hz   |
| Sensitivity at 1000 Hz:                | 40 mV/Pa (-28 dBV re 1 V/Pa)   |
| Electrical Impedance at 1000 Hz:       | 200 $\Omega$ electronically balanced   |
| Recommended load impedance:            | >2000 $\Omega$   |
| Max. SPL for 1% / 3% THD:              | 126 dB / 130 dB  |
| Equivalent noise level to IEC 60268-4: | 22 dB-A  |
| Supply voltage:                        | 9 V battery supply through B 29 L or body-pack transmitter, or 9 to 52 V universal phantom power through MPA V L adapter |
| Current consumption:                   | Approx. 2 mA   |
| Environment:                           | Temperature: -20°C to +60°C<br>R.H. at +20°C: 99%  |
| Case materials:                        | Headband: metal<br>Microphone body: Noryl  |
| Finish:                                | Matte black  |
| Size:                                  | 130 mm (5.2 in.) in dia.   |
| Cable length:                          | 1.5 m (5 ft.)  |
| Net weight:                            | 30 g (1.1 oz.) exc. of connector   |

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](mailto:sales@akg.com).

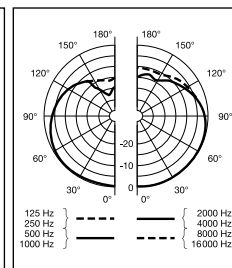


## 7 Specifications

Frequency Response



Polar Diagram



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