DMS 70 Quick Start Guide

1 **Controls: DSR70 Quattro - DHT70 D5 - DPT70**
DSR70 Dual - DHT70 Perception - DPT70

DHT70 D5

DSR70 Quattro

DPT70

DSR70 Dual

DHT70 Perception

1 On/Off button
This button is lit green when the receiver is switched on and ready for use. Switching off the receiver switches off all transmitters connected to this receiver.
2 VOLUME-poti
The VOLUME potentiometers influence the four separate channels (10) and the sum output (9).
3 CONNECT button
- press briefly: checks the transmitter assigned to this channel.
- hold down (approximately 2 seconds): to assign a transmitter to a free channel or to register a transmitter on this channel.
4 LOW BATT. LED lights up when the batteries of the transmitter registered on this channel are low. If the LED starts to light red the batteries will be discharged within approximately one hour. Replace batteries.
5 STATUS LED lights up when a registered transmitter is active and ready to operate on this channel; flashes during channel identification and channel assignment.
6 CLIP LED lights up if the audio level is too high.
7 Antennas: The best transmission and reception performances are achieved when the antennas are pointing upwards in the "normal position" (see diagram). Range: Indoor 30m NLOS, Outdoor 50m LOS
8 AUTO CORRECTION switch for internal error correction.
9 SUM OUT / BALANCED for connection of an active monitor
10 CHANNEL OUT / BALANCED (x4) 3-pin XLR socket for connection to a microphone input of a mixer or amplifier
10a CHANNEL OUT / 6,35mm jack (x2) for connection to a microphone input of a mixer or amplifier
11 Direct current in 12 V, 0.5 A
12 Strain relief for the power cable
13 STATUS LED
- lit green when the transmitter is connected to the receiver
- flashing green: no radio contact between transmitter and receiver
- lit red: replace batteries
14 Battery cover for DHT70
15 On/Off button
The transmitter is ready for use as soon as it is switched on.
After two minutes without radio contact with the receiver (receiver is OFF, power failure, transmitter is outside range) the connected transmitter switches off automatically.
16 CONNECT button
- press briefly: Check the assigned channel on the receiver.
- hold down (approximately 2 seconds): Assign this transmitter to a free channel on the receiver.
15 / 16 On/Off / Connect button: Use the On/Off (15) and Connect button (16) to register this transmitter to a free channel on the receiver.
17 GAIN slide to adjust input sensitivity
18 Digital diversity antenna system
19 Mini-XLR input jack
20 Slide cover
21 Belt clip
22 Battery cover for DPT70
23 GAIN potentiometer to adjust input level

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10 **Volume Configuration - Audio-Mixer**

Adjust the audio level using the Volume-Poti on the instrument you have connected. For best results we recommend using the highest possible input level in order to obtain the best possible signal-to-noise ratio. However, even when someone is speaking loudly into the microphone you should take care to ensure that the level indicator never moves into the red zone; failure to do so can result in unpleasant distortion. Carefully increase the input level until the level indicator is just below the red zone.

11 **FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Parts 74 and 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded cables and I/O cords must be used for this equipment to comply with the relevant FCC regulations.
Changes or modifications not expressly approved in writing by AKG Acoustics may void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
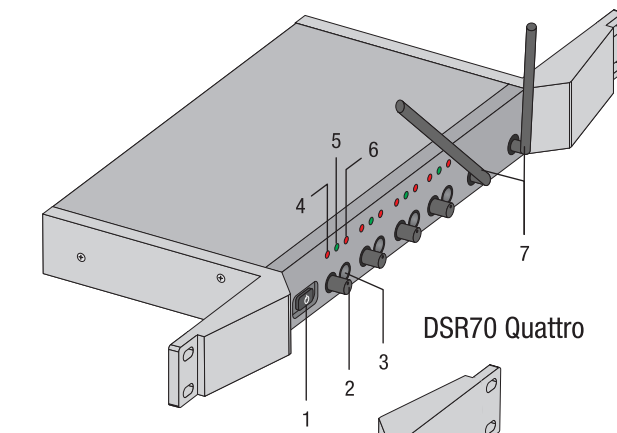

Weitere Informationen finden Sie in der Bedienungsanleitung als PDF Download unter www.akg.com.
Further information can be found in the operating instructions as a PDF download from www.akg.com.
Pour toutes informations complémentaires, consulter la Notice d'utilisation à télécharger au format PDF sur le site www.akg.com.
Ulteriori informazioni sono disponibili nelle istruzioni per l'uso, scaricabili in formato PDF dal sito www.akg.com.
Obtendrá más información en el manual de funcionamiento que puede descargar en formato PDF en www.akg.com.
Para mais informações transfira o manual de instruções em PDF a partir do site www.akg.com.

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Este produto corresponde às normas citadas na declaração de conformidade, que pode pedir na nossa página da web http://www.akg.com, ou enviando-nos um email para sales@akg.com.
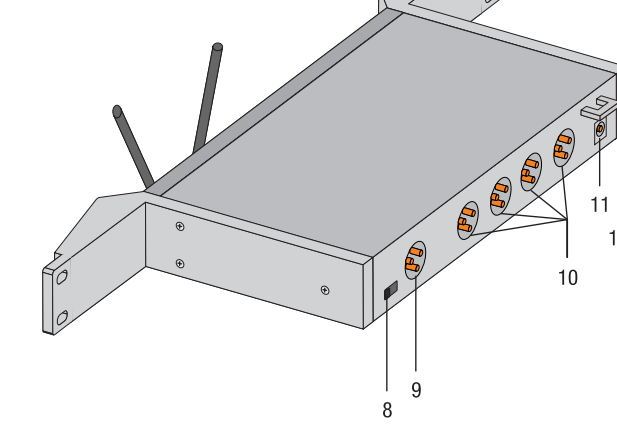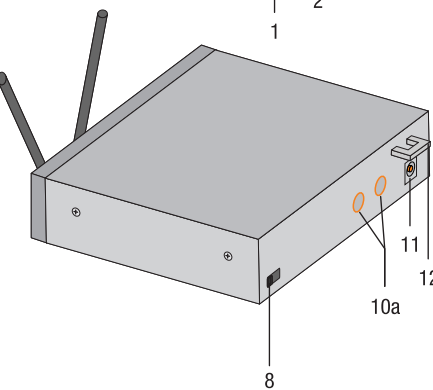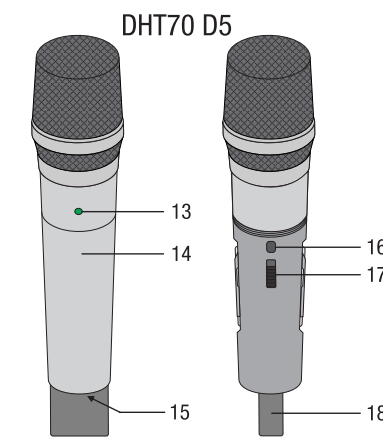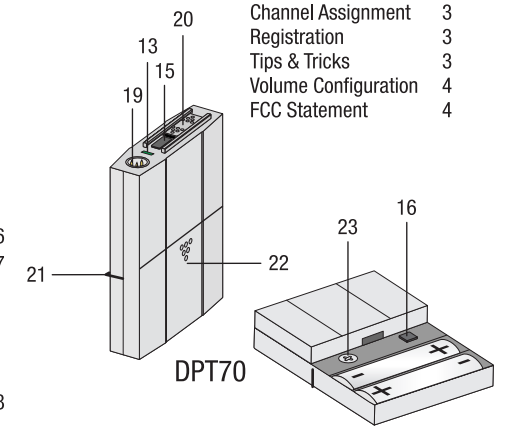
ROHS OK

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12/11/9100 U 13820

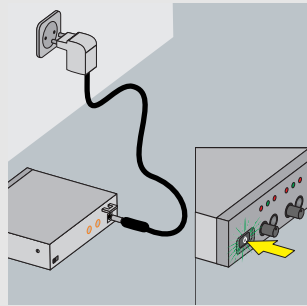**AKG** SOUNDS BETTER
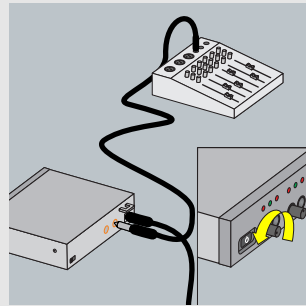
The rack mount unit RMU 40 PRO is available seperatly as an accessory.
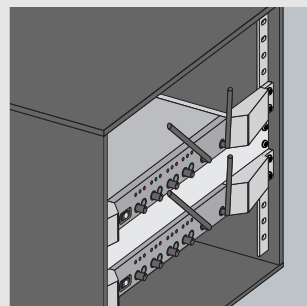
Connect receiver to the mains.
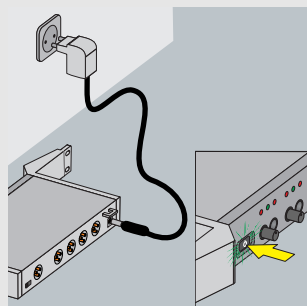
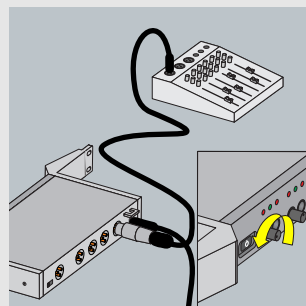Reduce audio level (2) and connect receiver to balanced input (10a).

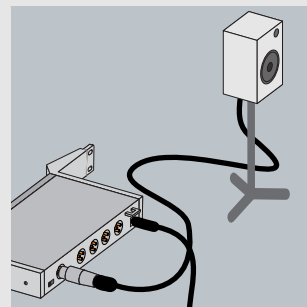Fitting the receiver in a 19" rack.
Leave one unit space free between two receivers in the rack.
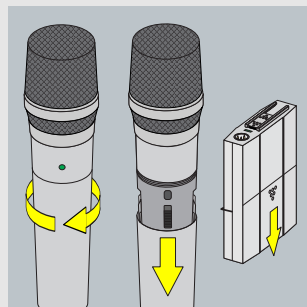
Connect receiver to the mains.

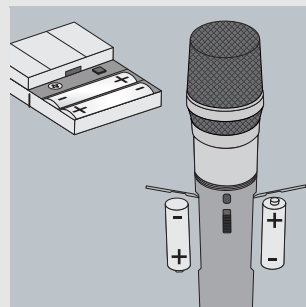Reduce audio level (2) and connect receiver to balanced input (10).

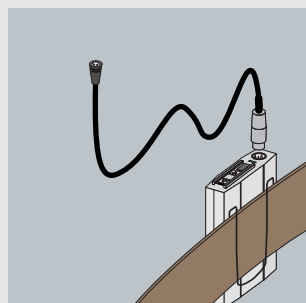Connect the sum output (9) to a monitor.
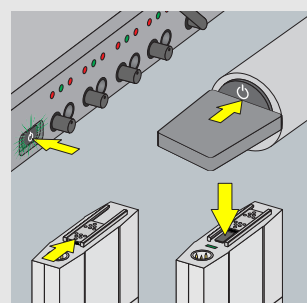
Remove battery cover (14 / 22).

Insert batteries.
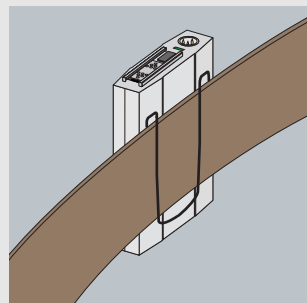
Attach bodypack transmitter to a belt with the battery compartment facing away from the body.
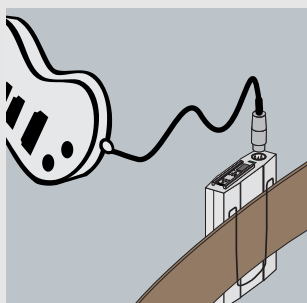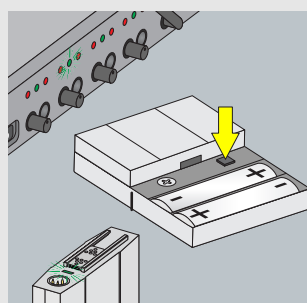
Connect instrument or microphone to the mini XLR connector of the bodypack transmitter.
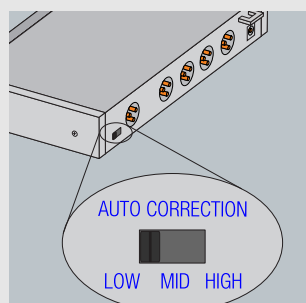
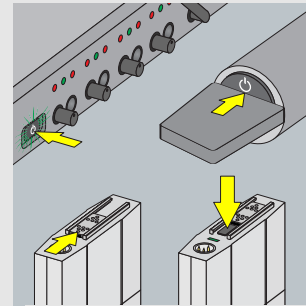Switch on receiver (1) and transmitter (15).

Check channel by pressing **CONNECT** on the transmitter (16) or receiver (3). The **STATUS LEDs** of the transmitter (13) and receiver (5) on the same channel will flash.
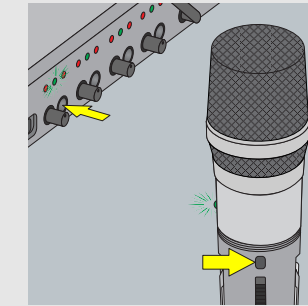
AUTO CORRECTION

LOW   MID   HIGH

Set **AUTO CORRECTION** (8) to **LOW** in normal operating mode. If there is interference in the 2.4 GHz ISM frequency range, set **AUTO CORRECTION** to **MID** or **HIGH.**
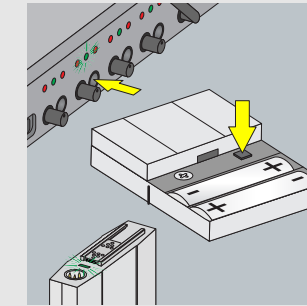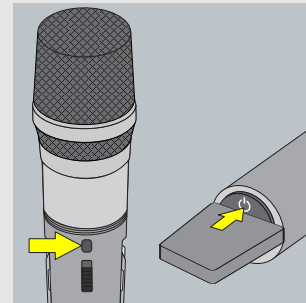
Switch on receiver (15) and transmitter (1).

Assignment can be started from both the transmitter and receiver. In this example, it is started from the receiver. Press **CONNECT** (3) on a free channel of the receiver and hold down until the **STATUS LED** (5) starts to flash after approximately 2 seconds. Press **CONNECT** (16) on the transmitter until **STATUS LED** (13) lights up green.
The **STATUS LEDs** on the transmitter (13) and the receiver (5) light up green once assignment has been successful.

Registration can be started from both the transmitter and receiver. In this example it is started from the transmitter.
Switch on the receiver. Press **CONNECT** (16) along with **ON/OFF** (15) on the transmitter until **STATUS LED** (13) starts to flash quickly.
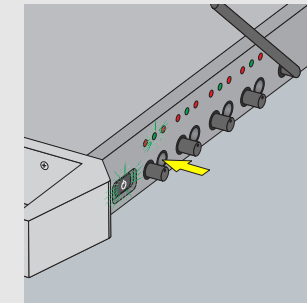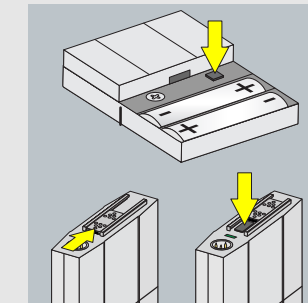
Hold down **CONNECT** (3) on a free channel of the receiver until the **STATUS LED** (5) lights up green.
The **STATUS LEDs** on the transmitter (13) and the receiver (5) light up green after successful registration.

9 **Tips & Tricks**

< 5 cm
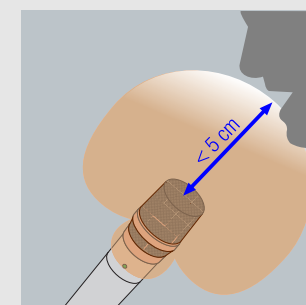
In the case of microphones with a hypercardioid polar pattern, most sound attenuation occurs at 180°. These microphones should therefore preferably be used where there is an interference noise source or a loudspeaker directly opposite the speaker. Holding the microphone less than 5 cm from your mouth will give your voice a voluminous and punchy quality.

9 **Tips & Tricks**

HIGH
GAIN
LOW
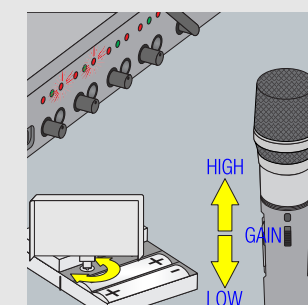
Adjust the input sensitivity on the DPT70 pocket transmitter using the screwdriver included in the battery compartment cover; on the DHT70 manual transmitter, use the slide control:
If CLIP lights up frequently, set the GAIN on the DHT70 to **LOW** and reduce the potentiometer setting on the DPT70.

9 **Tips & Tricks**

< 35°
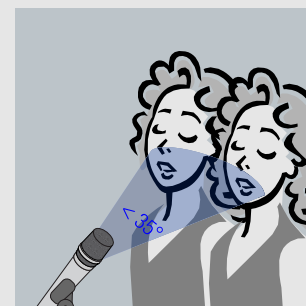
Never let more than 2 people sing into one microphone. The angle of incidence should never be more than 35°!