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1 Description/Safety

Precaution

- 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.

Unpacking

- Check that the packaging contains all of the components shown below.

	
1 x CK 99 L with attachment clip	1 x W 55 windscreen

- Should anything be missing, please contact your AKG dealer.

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.

Features

- Professional miniature clip-on microphone.
- Cardioid condenser transducer for natural sound.
- Frequency response designed for excellent intelligibility.
- Fastens on user's clothes.



CK 99 L

Brief Description

The CK 99 L is a professional miniature condenser clip-on microphone with a cardioid polar pattern. Owing to its small size, the CK 99 L is an ideal choice for use in any situation requiring an inconspicuous microphone and maximum mobility for the user.

The microphone's frequency response has been designed specifically for speech reproduction.

An external windscreen supplied with the microphone reduces wind noise when using the microphone on an open-air stage.

The microphone is fitted with a 1.6-m (5 ft. 3 in.) cable with a locking mini XLR connector for use

with the MPA V L phantom power adapter or AKG bodypack transmitters.

2 Interfacing

Introduction

The CK 99 L is a condenser microphone and therefore needs a power supply.

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

Connecting via MPA V L Refer to fig. 1.

1. Push the mini XLR connector (1) on the microphone cable all the way into the mini XLR socket (2) on the cable of the MPA V L (3). The connector will lock automatically. To disconnect the cable, press the unlocking button on the mini XLR connector (1) and pull the connector(1) out of the socket (2).

Important: To avoid damaging the cable, never try to pull out the cable itself!

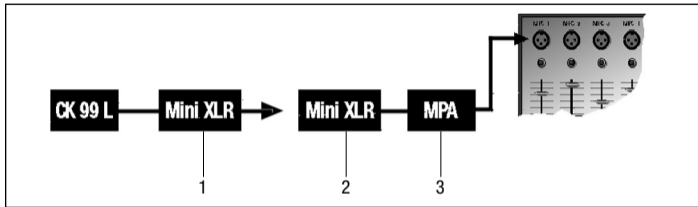


Fig. 1: Connection diagram with optional MPA V L

2. Connect the MPA V L (3) to a balanced XLR microphone input with phantom power.
3. Switch the phantom power on. (Refer to the instruction manual of the unit to which you connected your microphone.)

Connecting to a Bodypack Transmitter

- Refer to the manual of your bodypack transmitter.

3 Use

Introduction

The principal benefit of a microphone attached to the user's clothes is that the microphone allows the user to move about freely and keeps their hands free.



CK 99 L

Operating Notes



Fig. 2: Fixing the microphone on the clip.

1. Insert the microphone into the fixing clamp on the supplied attachment clip.

2. Attach the microphone to the talker's clothes, e.g., on the lapel, placing it as close as possible to the talker's mouth. (See fig. 3.)

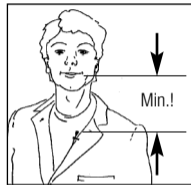


Fig. 3: Attaching the microphone near the user's mouth.

Note: The smaller the distance between the microphone and the sound source, the higher the usable gain before feedback.



Fig. 4: Microphone pickup angle.

- Talking outside the pickup angle of the microphone will reduce the microphone's output level considerably.

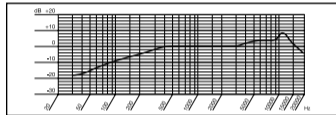
3. Ask the user not to turn their head more than 30 degrees to the left or right while talking. (Refer to fig. 4.)

4 Cleaning

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

5 Specifications

Frequency Response



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



CK 99 L

Type:	pre-polarized condenser microphone
Polar pattern:	cardioid
Frequency range:	150 Hz to 18 kHz
Sensitivity at 1 kHz:	8.8 mV/Pa (-41 dBV re 1 V/Pa)
Electrical impedance at 1 kHz:	200 ohms
Power requirement:	1.5 to 10 VDC via MPA V L phantom adapter or AKG WMS body-pack transmitter
Cable length:	1.6 m (5 ft. 3 in.)
Connector:	3-pin mini XLR
Finish:	matte black
Size:	8 x 22 mm (0.3 x 0.9 in.)
Net/shipping weight:	2.5 g (0.09 oz. w/o cable) / 115 g (4 oz.)