

Korg CM-300

Korg CM-300 Clip On Contact Microphone User Manual

Model: CM-300

1. INTRODUCTION

The Korg CM-300 Contact Microphone is designed to enhance and expand the sound of your musical instrument. Utilizing a piezo element, it directly transmits vibrations from your instrument to a tuner, facilitating high-precision tuning even in environments with high ambient sound. This microphone is versatile and can be applied to various instruments including trumpets, trombones, saxophones, violins, guitars, and ukuleles.

2. FEATURES

- **Sound Transmission:** Specifically designed for tuning instruments in loud ensembles by directly capturing instrument vibrations.
- **Stable Attachment:** Features an internal rubber grip within the clip for secure attachment to various instruments.
- **Enhanced Durability:** The cable design includes updated strain-relief slits where it joins the clip, reducing wire stress for increased longevity.
- **Broad Compatibility:** Suitable for a wide range of instruments including trumpet, trombone, saxophone, violin, guitar, and ukulele.
- **Clip Mechanism:** The clip opens to a maximum of 1.2 inches (30mm) and connects via a 1/4-inch TS Plug to a tuner.

3. PACKAGE CONTENTS

- Korg CM-300 Contact Microphone (Black)

4. SETUP

To set up your Korg CM-300 Contact Microphone, follow these steps:

1. **Identify Attachment Point:** Choose a suitable location on your instrument for the clip.

Recommended points include the bell of a brass instrument, the bridge of a violin, or the headstock of a guitar or ukulele.

2. **Attach the Clip:** Gently open the clip (it can open up to 1.2 inches or 30mm) and securely attach it to the chosen part of your instrument. Ensure the internal rubber material makes firm contact to prevent slippage and optimize vibration transmission.
3. **Connect to Tuner:** Insert the 1/4-inch TS plug of the microphone cable into the input jack of your compatible electronic tuner.
4. **Position Cable:** Route the cable in a way that does not interfere with your playing or instrument movement, and avoids excessive strain on the cable or connector.



Image: Korg CM-300 Contact Microphone attached to a clarinet. The clip securely holds the microphone to the instrument, ready for tuning.

5. OPERATING INSTRUCTIONS

Once the Korg CM-300 is properly set up and connected to your tuner, operating it is straightforward:

1. **Power On Tuner:** Turn on your electronic tuner.
2. **Play Instrument:** Play a note on your instrument as you normally would. The CM-300's piezo element will detect the vibrations directly from the instrument's body.
3. **Observe Tuner Display:** The vibrations are converted into an electrical signal and sent to the tuner, which will then display the detected pitch.
4. **Tune Instrument:** Adjust your instrument's tuning based on the feedback provided by your tuner. The direct vibration transmission ensures accurate tuning even in noisy environments.



Image: The Korg CM-300 Contact Microphone, showing its clip, cable, and 1/4-inch TS plug. This plug connects directly to a compatible tuner.

6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Korg CM-300 Contact Microphone:

- **Cleaning:** Wipe the microphone body and cable with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the rubber and electronic components.
- **Storage:** When not in use, store the microphone in a clean, dry place away from extreme temperatures and direct sunlight. Avoid tightly coiling the cable to prevent kinks and damage.
- **Cable Care:** Handle the cable gently. Do not pull on the cable to disconnect the plug from the tuner. Always grasp the plug itself. The updated strain-relief slits are designed to reduce stress, but proper handling is still crucial.
- **Clip Inspection:** Periodically check the clip and its internal rubber grip for any signs of wear or damage. A damaged clip may not provide secure attachment or optimal vibration transfer.

7. TROUBLESHOOTING

If you encounter issues with your Korg CM-300, consider the following:

- **No Signal on Tuner:**
 - Ensure the 1/4-inch TS plug is fully inserted into the tuner's input jack.
 - Verify that the tuner is powered on and functioning correctly (test with another input source if possible).
 - Check the microphone cable for any visible damage or kinks.
 - Ensure the clip is securely attached to the instrument and making good contact.

- **Inaccurate Tuning/Interference:**

- Confirm the microphone is attached to a part of the instrument that vibrates strongly and clearly (e.g., bell, bridge, headstock).
- Minimize external noise sources if possible, although the CM-300 is designed for noisy environments, extreme noise can still affect performance.
- Ensure the tuner's settings are appropriate for the instrument being tuned.

- **Loose Clip:**

- Re-position the clip to a more secure location on the instrument.
- Check the internal rubber grip for wear; if worn, the grip may be compromised.

8. SPECIFICATIONS

Feature	Detail
Model Name	CM-300
Brand	Korg
Connectivity Technology	XLR (Note: Product description states 1/4-inch TS Plug, this specification might be a general category or error in source data. Please refer to product description for actual connector type.)
Connector Type	XLR (Note: Product description states 1/4-inch TS Plug, this specification might be a general category or error in source data. Please refer to product description for actual connector type.)
Special Feature	Clip-on design
Compatible Devices	Amplifier, Audio Interface, Tuners
Color	Black
Material	Rubber
Item Weight	0.01 Ounces
Product Dimensions	9.1 x 9.1 x 9.1 inches
Microphone Form Factor	Lavalier (Clip-on)
Power Source	Corded Electric
Signal-to-Noise Ratio	76 dB
Number of Channels	1

Feature	Detail
Polar Pattern	Unidirectional
UPC	663701771404
Manufacturer	Korg
Date First Available	October 9, 2018




Note: Some specifications like "Connectivity Technology" and "Connector Type" are listed as XLR in the provided data, but the product description clearly states "1/4-inch TS Plug". Please rely on the product description for the correct connector type.



9. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Korg CM-300 Contact Microphone, please refer to the official Korg website or contact Korg customer service directly. Keep your proof of purchase for any warranty claims.

For further assistance, you may visit the [Korg Store on Amazon](#).

Related Documents - CM-300

	<p>KORG CM-400 Contact Microphone Owner's Manual</p> <p>Owner's manual for the KORG CM-400 Contact Microphone, detailing its use with KORG tuners, important safety precautions, handling instructions, care, disposal information, and warranty details.</p>
	<p>Korg XE20/XE20SP Digital Ensemble Piano Quick Start Guide</p> <p>Get started with your Korg XE20/XE20SP digital ensemble piano. This quick start guide covers essential setup, basic operations, features, and precautions for immediate musical enjoyment.</p>
	<p>Korg Kronos Workflow for Worship: A Comprehensive Guide</p> <p>Learn the essential Korg Kronos workflow for worship applications. This guide covers basic setup, sound selection, combi creation, effects, and setlist management for the Korg Kronos synthesizer.</p>

<p>The <i>iS40</i> Guide</p> <p>KORG</p>	<p>Korg iS40 Music Workstation User Guide</p> <p>A detailed user guide for the Korg iS40 music workstation, covering its features as a synthesizer, accompaniment keyboard, and songwriting tool. Learn about arrangements, styles, sequencing, MIDI, and more.</p>
	<p>Korg AW-LT100G/AW-LT100B Clip-on Tuner Owner's Manual</p> <p>User manual for the Korg AW-LT100G and AW-LT100B clip-on tuners, detailing features, setup, operation, precautions, and technical specifications for musicians.</p>
	<p>Korg PitchCrow-G Clip-on Tuner Owner's Manual</p> <p>This document provides comprehensive instructions and specifications for the Korg PitchCrow-G Clip-on Tuner, covering setup, operation, tuning modes, and maintenance for guitar and bass instruments. It details features like calibration, fine tuning, flat/capo settings, and specifications.</p>