



## CPSM

### Shock-Mount Kit for CP212 and CP218 Microphones

- Virtually eliminates mechanically transmitted noise from the mounting surface
- More than 15 dB of mechanical shock isolation at 200 Hz
- Provides theft-resistant mounting of CP212 and CP218 microphones
- Mounts in panels up to 1½ inches thick

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#### Description

The CPSM shock-mount kit is a permanent mounting accessory providing shock isolation for the CP212 and CP218 podium microphones. The amount of isolation is substantial, in excess of 15 dB at 200 Hz (see Figure 1). The CPSM is also theft resistant after installation, with the microphone locked to the shock mount's sleeve insert. Mounting a CP212 or CP218 to a podium, lectern or desk top is quick and easy using the CPSM shock-mount kit.

The CPSM kit consists of a shock mount, template, set screw, hex-key wrench and three screws. It is designed for installation into panels up to 1½ inches thick.

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#### Installation

1. Select the microphone location by first checking for obstructions under the panel that will interfere with the microphone, and for a flat surface on which to properly seat the top flange. Panel thickness may not exceed 1½ inches (38.1 mm).
2. Clean the surface of the panel on which the shock mount is to be installed.
3. Crack and peel off the protective backing of the template and carefully place the

template on the panel surface at the chosen location for the shock mount.

4. Drill a 1⅜-inch diameter hole (approximately 39.4 mm) through the center of the template.
5. Drill three holes for the #6 wood screws. The hole size for these screws will depend on the panel material.
6. Set the roll-off switch on the microphone for the desired response.
7. Insert the microphone into the shock mount. Turn the microphone so that the plastic roll-off switch holder and the switch do not come in contact with the set screw. Insert the microphone to the top of the microphone's electronics housing, as shown in the photograph. (The top of the electronics housing is the junction just above the three holding set screws.)
8. Mount the kit's set screw on the provided hex-key wrench. Insert the set screw into the tapped hole in the steel sleeve and tighten, securing the microphone in the shock mount.
9. Connect the female 3-pin connector to the microphone. If depth is restricted, a right-angle audio connector may be required. Place the shock mount into the drilled hole. Align the shock mount with the three drilled holes.

Secure the assembly to the panel by screwing in the three remaining wood screws.

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#### Architects' and Engineers' Specifications

The shock mount shall have a minimum of 15 dB of shock isolation at a frequency of 200 Hz in the vertical axis.

Dimensions shall be 2.06 inches (52.32 mm) diameter and 1.29 inches (32.77 mm) high. Net weight shall be 1.21 ounces (34.35 grams). The shock mount shall have a non-reflecting black polycarbonate plastic outer flange that fits into a hole of 1⅜ inches (39.4 mm) in diameter and is secured to a desk top by three screws; two butyl rubber shock mounts; and a nickel-plated steel inner sleeve that captures the microphone and acts as a theft-resistant security device.

The Electro-Voice CPSM shock mount is specified.

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#### Limited Warranty

Electro-Voice products are guaranteed against malfunction due to defects in materials or workmanship for a specified period, as noted in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual, beginning with the date of original purchase. If such

# CPSM/Shock-Mount Kit for CP212 and CP218 Microphones

malfunction occurs during the specified period, the product will be repaired or replaced (at our option) without charge. The product will be returned to the customer prepaid. **Exclusions and Limitations:** The Limited Warranty does not apply to: (a) exterior finish or appearance; (b) certain specific items described in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual; (c) malfunction resulting from use or operation of the product other than as specified in the product data sheet or owner's manual; (d) malfunction resulting from misuse or abuse of the product; or (e) malfunction occurring at any time after repairs have been made to the product by anyone other than Electro-Voice Service or any of its authorized service representatives. **Obtaining Warranty**

**Service:** To obtain warranty service, a customer must deliver the product, prepaid, to Electro-Voice Service or any of its authorized service representatives together with proof of purchase of the product in the form of a bill of sale or receipted invoice. A list of authorized service representatives is available from Electro-Voice Service at 600 Cecil Street, Buchanan, MI 49107 (800/234-6831 or FAX 616/695-4743). **Incidental and Consequential Damages Excluded:** Product repair or replacement and return to the customer are the only remedies provided to the customer. Electro-Voice shall not be liable for any incidental or consequential damages including, without limitation, injury to persons or property or loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages so the

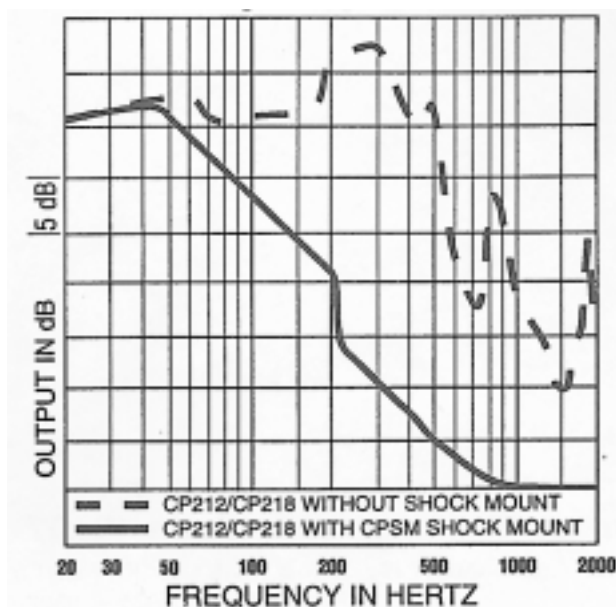
above limitation or exclusion may not apply to you. **Other Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. **Electro-Voice Accessories** are guaranteed against malfunction due to defects in materials or workmanship for a period of one (1) year from the date of original purchase. Additional details are included in the Uniform Limited Warranty statement.

**For warranty repair** or service information, contact the service repair department at: 616/695-6831 or 800/685-2606.

**For technical assistance,** contact Technical Support at 800/234-6831 or 616/695-6831, M-F, 8:00 a.m. to 5:00 p.m. Eastern Standard Time.

Specifications subject to change without notice.

**FIGURE 1 —Shock and Vibration Isolation of the CPSM Shock Mount (Microphone output referenced to 1 g acceleration at 200 Hz)**



## Specifications

### Construction:

Polycarbonate plastic shock mount with a nickel-plated steel sleeve insert; mounting flange top surface finished in non-reflecting black

### Recommended For:

CP212 and CP218 podium microphones

### Maximum Panel Thickness:

1½ inches (38.1 mm)

### Dimensions,

#### Height:

1.29 inches (32.77 mm)

#### Width:

2.06 inches (52.32 mm)

#### Net Weight:

1.21 ounces (34.35 grams)

#### Shipping Weight:

2.81 ounces (79.55 grams)

# Electro-Voice®

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