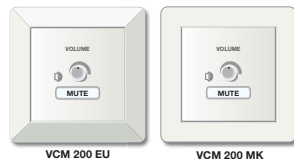# VCM 200 EU and VCM 200 MK • Installation Guide

This guide provides instructions for an experienced installer to install an Extron VCM 200 EU or a VCM 200 MK device.

The VCM 200 EU and VCM 200 MK are remote volume/mute controllers with a 10k ohm potentiometer and mute button. They are designed to work solely with any Extron amplifier product with a remote volume control port, such as the MPA 122 or MPA 401 Mini Power Amplifiers.

VCM 200 EU VCM 200 MK

The VCM 200 EU devices mount into a single sized European junction box with 60 mm centers (not supplied). The VCM 200 MK mounts into a 35 mm deep, single MK junction box. Both models have a matching trim plate for the finished installation.

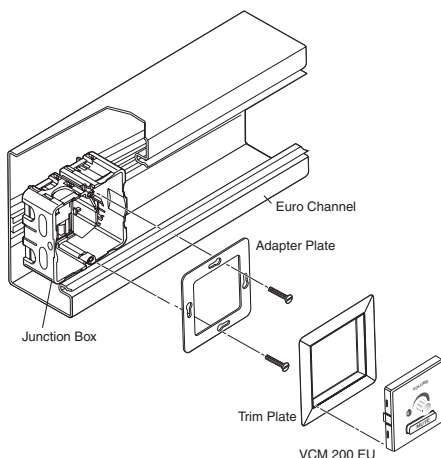For product specifications visit **www.extron.com.**

> **NOTE:** Check that the installation meets the local and national regulatory requirements, including building, electrical, and safety codes, and UL and accessibility requirements.
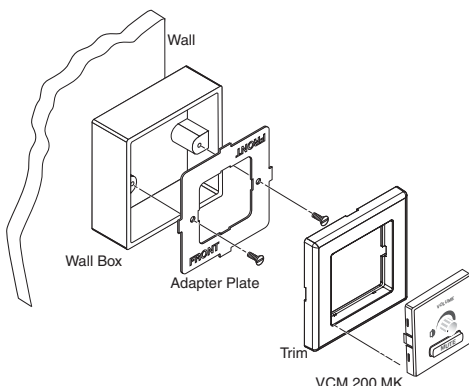
Installation

VCM 200 EU Model —

1. Install a junction box into a Euro channel or into a wall.

2. Run the cables from the location of the audio source, such as an MPA.

3. Where needed, in order to make the device flush with the channel or wall, place the supplied metal spacer plate between the adapter plate and the junction box.

4. Using the supplied screws fasten the metal adapter plate (and spacer plate if used) to the junction box (see the image at right).

Euro Channel
Adapter Plate
Junction Box
Trim Plate
VCM 200 EU

VCM 200 MK Model —

1. Following the manufacturer's instructions, either install a wall box into wall or secure one to the wall.

2. Run the cables from the audio source location, such as an MPA.

3. Using the supplied screws fasten the adapter plate to the junction box (see the image at right).

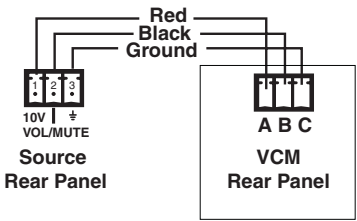Both devices (VCM 200 EU and VCM 200 MK) are now ready for cabling.

Wall
Wall Box
Adapter Plate
Trim
VCM 200 MK

Cabling

Press the VCM 200 into the trim plate and connect the cables to the rear of the device. Wire as shown.

A = Pin 1 = 10 VDC reference voltage.
B = Pin 2 = volume and mute control with DC voltage. The range is 0 to 10 V, where 0 V is mute and 10 V is maximum volume.
C = Pin 3 is ground.

To complete installation, snap the device and trim plate combination into the secured adapter plate, taking care not to trap any cables.
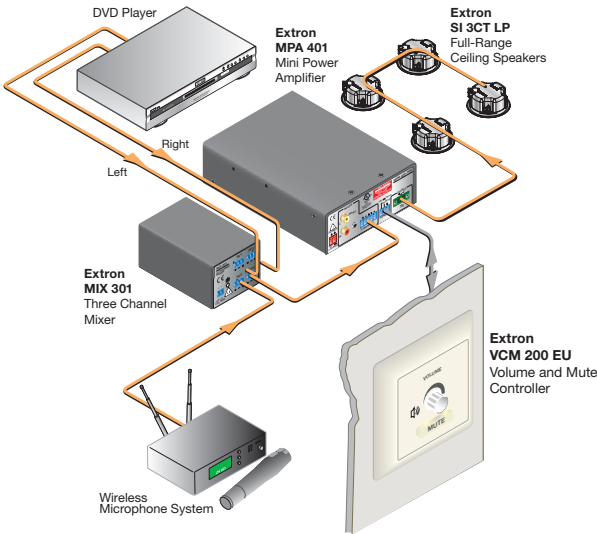
Operation

The Mute button toggles between mute and unmute, lights bright red to indicate mute, and dim white to indicate unmute.

Turn the knob clockwise to increase the volume, and counterclockwise to decrease the volume.

Audio Level Setting Procedure

To set the system level to not exceed the maximum volume:

1. Reduce the power amplifier volume to minimum.

2. Turn the Volume knob clockwise on the VCM 200 to the maximum position.

3. Slowly turn up the power amplifier to the system volume desired.

Example of a Typical VCM 200 EU Application