

## VCM 100 AAP and MAAP

The Extron VCM 100 AAP and VCM 100 MAAP are remote volume/mute controllers designed to work with Extron products (such as the MPA 122 mini power amplifier).

Mounted into standard Extron AAP or MAAP mounting frames, the VCM 100 AAP and VCM 100 MAAP each have a 10k ohm potentiometer volume control knob and mute button.

The Mute button toggles between mute and un-mute, turning bright red to indicate mute, and dim green to indicate un-mute.

### Remote connector pin configuration

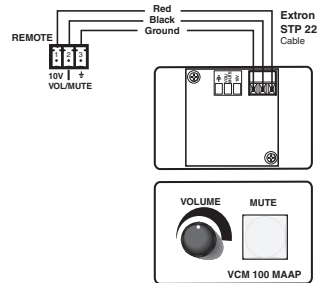
As shown below right, **Pin 1** is a 10 VDC reference voltage. **Pin 2** is volume and mute control with DC voltage; the range is 0 to 10 V, where 0 V is mute and 10 V provides maximum volume. **Pin 3** is ground.

**NOTE** All nominal levels are at  $\pm 10\%$ .

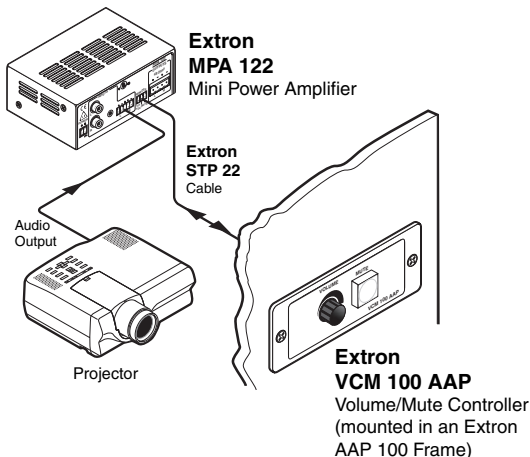
### Audio level setting procedure

To set the system level to not exceed the maximum volume in using the VCM 100, do the following:

1. Reduce the power amplifier volume to minimum.
2. Turn the Volume knob on the VCM 100 to the maximum position.
3. Slowly turn up the power amplifier volume to the maximum undistorted sound level allowed for the application.



As shown below, the Extron VCM 100 AAP and VCM 100 MAAP serve to remotely control volume and mute with Extron products (such as the MPA 122 Mini Power Amplifier).



68-1032-01  
Rev. A  
03 05



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