

VC200-OPT

Optimatch™ Amplifier Protection

Audioplex's unique Optimatch™ volume control design provides built-in amplifier protection (impedance matching) to your home audio system. This enables your stereo receiver or amplifier to safely deliver music to up to eight pairs of speakers without additional accessories or devices.

Two, four, or even eight pairs of speakers can be safely connected to any stereo capable of playing one standard (8 ohm) pair of speakers. This is done by adjusting the VC200-OPT control, which "tricks" the amplifier into only seeing one pair of speakers.

Only Audioplex's Optimatch controls enable you to adjust the impedance as speakers are added to the system, without removing the volume control from the wall. This makes professional installation faster and far less prone to error.

Additionally, Audioplex Optimatch volume controls actually fit into standard junction boxes without any modification. This ensures that the installation of the VC200-OPT will meet or exceed any national or local building codes.

Installed flush into a wall, the VC200-OPT enables individual room volume control while simultaneously protecting your stereo amplifier/receiver.



AUDIOPLEX®
TECHNOLOGY

The VC200 is compatible with high-powered receivers and amplifiers. Its Tri-filar wound autoformers are UL listed at 216 watts audio. Ultimate systems demand the ultimate in volume controls.

TECHNICAL DETAILS

Finely Adjust Each Room's Volume

Like all Audioplex volume controls, the VC200-OPT enables you to make extremely fine adjustments of each room's volume independently, via our "pop-free" technology.

Ultimate Off Step

Audioplex volume controls offer the "Ultimate Off" step. When you turn our volume control to the lowest step, no sound escapes from your speakers.

Designed For Performance
Audioplex Volume Controls are designed and engineered to have a ruler-flat frequency response. Audioplex delivers 20 to 20,000 Hz plus or minus 1dB.

200% More Windings For System Reliability

Tri-filar wound volume controls provide an easier load to your amplifier, extending the life of the system. This superior amplifier impedance matching is only achieved via creatively combining resistive and reactive characteristics into

the design. Audioplex achieves the design goals via expensive hand-wound autoformers incorporating far more turns than any other manufacturer.

No Wasted Power As Heat

Many companies utilize resistive or "sound dimmer" technology for their installed volume controls. These controls actually reduce the volume by wasting amplifier power as heat inside the walls of a home! Audioplex changes the power output of your system's amplifier without waste or

heat. This is done "reactively" by the electromagnetic induction of our autoformers. As a result, installing an Audioplex volume control means peace of mind. No dangerous heat will be created inside the walls of your home.

Optimatch System Expansion

The VC200-OPT "future proofs" your audio system, allowing more speakers (up to eight pairs) to be added at any time without additional devices. VC200-OPT

adjustments for new speakers are easy, fast and don't require removing the volume control from the wall.

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All Audioplex volume controls are tested and certified by the Underwriters Laboratory. This assures you of our commitment to product safety and industry standards.

Wide Range of Colors & Plates

The VC200-OPT is available in both Decora® and standard style wall plates. You may choose from white, ivory, almond, brown, black and gray. Stainless steel and brushed brass are available at an additional cost.

Lifetime Warranty

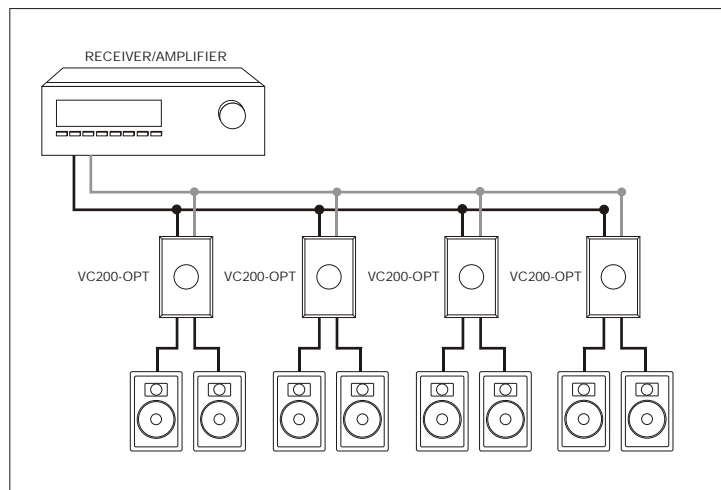
Audioplex provides a lifetime warranty, guaranteeing the performance and function of our volume controls for the life of the original owner.

APPLICATION NOTES

Wiring a VC200-OPT System

Two connections need to be made to the VC200-OPT

- 1) Connect speaker wire from your parallel connection to the VC200-OPT.
- 2) Connect speaker wire from the VC200-OPT to the speakers.



MJ-2



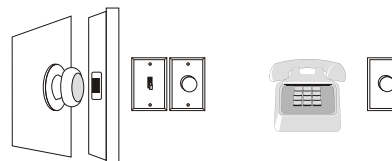
SR-4



JB-2

Optional System Add-Ons

In-wall, behind the scene or component style Audioplex accessories can offer individual room on/off from a central location and/or faster installation and easy troubleshooting for large, complex systems.



Mounting Locations

Volume controls should be flush-mounted at light switch height in every room you have speakers. Typically, the volume control is placed at the entrance to a room, next to the light switches. If a room has multiple entrances, pick the location nearest the phone.

SPECIFICATIONS

Power Handling:

Steps:

Speaker/Amplifier Connectors:

Mounting Depth:

Suitable for use with amplifiers of up to 200 watts per channel.

10 pop-free steps of attenuation.

Screw-type connectors capable of connecting 14 gauge wire.

1-3/4" total behind the wall.



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TECHNOLOGY

