

## Volume Controllers

USA Product with Reputation known since 1967, has pioneer in the multi room audio industry, that is why it is recognized as preferred speakers for audio distribution system world wide.



ALTx-2D UltraMatch™ Volume Control with Decora® insert and Cover Plate, it is a wall-mounted, Decora® style, speaker-level, UltraMatch™ volume control. It connects between the speaker outputs of an amplifier or receiver and a pair of speakers. The 1x setting allows the volume control to be used as a standard non-impedance matching control. The 2x, 4x, and 8x settings allow it to be used as an UltraMatch™ control.

The UltraMatch™ volume control provides a method of matching the minimum output impedance of an amplifier or receiver, in addition to attenuating the volume. This eliminates the need for a speaker selector or other impedance matching equipment. The volume is adjusted by adjusting the amplifier signal output of the volume control to the speakers.

All Russound volume controls are manufactured using a high quality autoformer design which provides long life, excellent frequency response, no heat build-up, and maximum power transfer from the amplifier to the speakers

- Applications:**
- Audio Distribution Control for Luxury Homes
  - Audio Distribution Control at Luxury Offices
  - Hotel Banquet Halls Audio Distribution Control
  - Smart School Audio Distribution Control Sharing
  - Home Theater Cinema Experience

**Model:** SH-531

**Part #:** Russound ALTx Volume Controllers

### Features

- Decora® wall plate
- Selectable autoformer-based impedance matching (up to 8x)
- Impedance-matching or Non Impedance-matching Configurable
- Removable input/output connectors
- Isolated left and right channel grounds
- 12 Step Attenuation including "OFF"
- Available in White, Bone, Almond, Brown, and Black

### Specifications

Power Handling: ...  
 42 watts RMS per channel (126 watts PEAK)  
 Frequency Response: ...  
 20 Hz to 20 KHz  
 Min. Speaker Impedance: 4 ohm  
 Impedance Matching Type: .....  
 Autoformer-Based  
 Max. Wire Gauge: 12 awg  
 Volume Control: ....  
 42 db attenuation, 12 position

### Dimensions

Size: 1.75"W x 2.5"H x 2.5"D  
 45 x 64 x 64 (mm)