

# AVLELEC



## 150LVCS Series

Stereo Volume Controls - 150 Watts for 70/100V Speaker Lines

### Quality Features

- Stereo control with 150W per channel power rating.
- Engineered for distributed mono, distributed mono with subwoofer or distributed stereo applications.
- Choose 2-gang stainless steel, 2-gang decora-style, rack-mount w/decora subplate or rackmount w/adhesive dial scale.
- 2-Gang styles fit a standard 2.5"D E.O. Box.
- Rackmount styles may be used with RMP Series rackmount device panels (order separately).
- All include phoenix-style plug-in connectors.

### Description

AVLELEC's 150LVCS Series stereo volume controls with 150 watt per channel power rating are engineered for three types of 70/100V control applications: distributed mono systems, distributed mono systems with subwoofer, or a distributed stereo system. Devices are offered in 2-gang and rackmount configurations to meet installation requirements. All include phoenix-style plug-in screw termination strips for pre-wire convenience with wire capacity up to 14 gauge. Attenuation is 3dB per step with two positions of 6dB prior to OFF as noted in schematic.

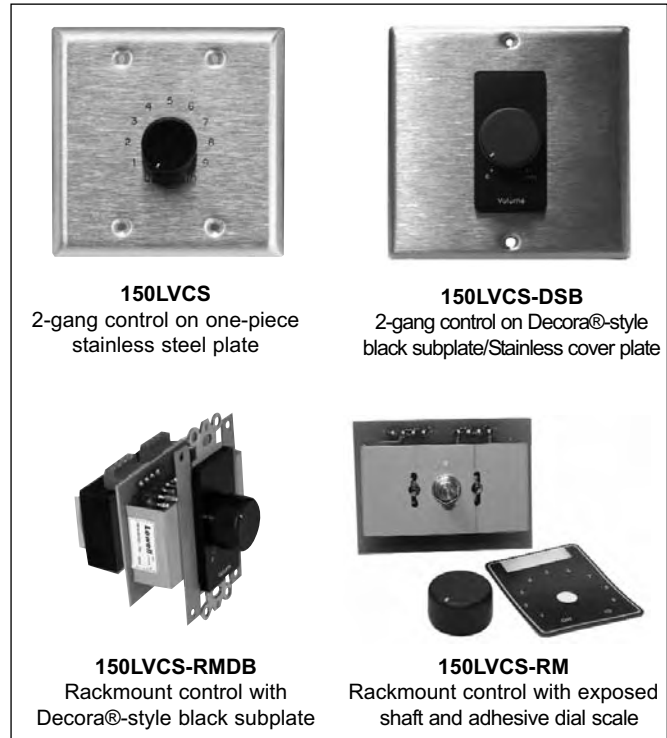
**Model 150LVCS** and **Model 150LVCS-DSB** are 2-gang assemblies that mount within a 2-gang E.O.Box with a minimum depth requirement of 2.5" including mud ring (if used). Model 150LVCS features a one-piece, stainless steel wall plate for applications where a non-corrosive control is specified. Model 150LVCS-DSB features an attractive decora-style black subplate with a stainless steel cover plate.

**Model 150LVCS-RMDB** is a rackmount assembly with a decora-style subplate. It is designed for installation into AVLELEC's rackmount device panels with decora-style cutouts; order Model LD8-RMP or LD9-RMP separately. *Note: Due to the control's 3.437" width; two controls may NOT be installed side by side in either panel. Controls may however be installed in every other position with a blank plate between. Order panel Model LD8-RMP to fit up to four alternately spaced controls or order Model LDP-RMP to fit up to five alternately spaced controls. A set of 4 blank plates may also be ordered (Model DBB-4).*

**Model 150LVCS-RM** is a traditional rackmount assembly that includes the control unit with exposed shaft, knob and adhesive dial scale. It is designed for custom panel applications or for installation in Lowell's LVC-RMP rackmount panel (order separately). *Note: Due to the control's 3.437" width two units may NOT be installed side by side in the LVC-RMP panel. They may be installed in every other position (4 total) with blank plugs (included) between.*

#### Accessory Rackmount Panels (order separately)

RMP Series pre-punched rackmount device panels provide professional appearance of rackmount control models 150LVCS-RMDB and 150LVCS-RM. EIA 19" panels include a rear lacing flange for wire management and a clear **PocketID™** window for inserting 1/2" labels for control identification. Mounting requirements for each panel are noted in control descriptions above.



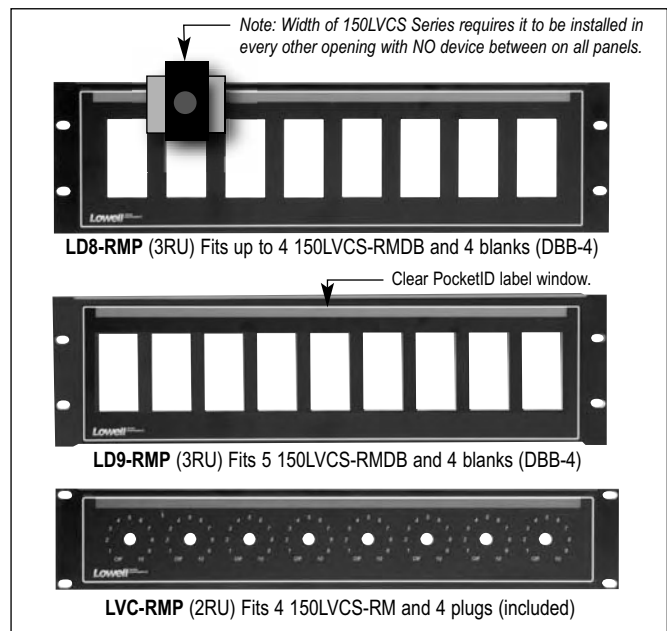
**150LVCS**  
2-gang control on one-piece stainless steel plate

**150LVCS-DSB**  
2-gang control on Decora®-style black subplate/Stainless cover plate

**150LVCS-RMDB**  
Rackmount control with Decora®-style black subplate

**150LVCS-RM**  
Rackmount control with exposed shaft and adhesive dial scale

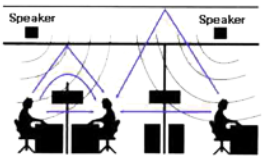
### 150W Controls



### Accessory rackmount device panels with PocketID™

Model	Power Rating	Type	Switch Type	Switch Positions	Attenuation Step / Total	Style	Mounts
150LVCS	150W	Auto-trans	Rotary	10-off	3dB / 33dB*	1-piece Stainless steel	2-gang 2.5"D box (by others)
150LVCS-DSB	150W	Auto-trans	Rotary	10-off	3dB / 33dB*	Decora black subplate, SS cover	2-gang 2.5"D box (by others)
150LVCS-RMDB	150W	Auto-trans	Rotary	10-off	3dB / 33dB*	Rackmount- decora black subplate	LD8-RMP** (fits 4) or LD9-RMP** (fits 5)
150LVCS-RM	150W	Auto-trans	Rotary	10-off	3dB / 33dB*	Rackmount-adhesive dialscale	LVC-RMP (fits 4)

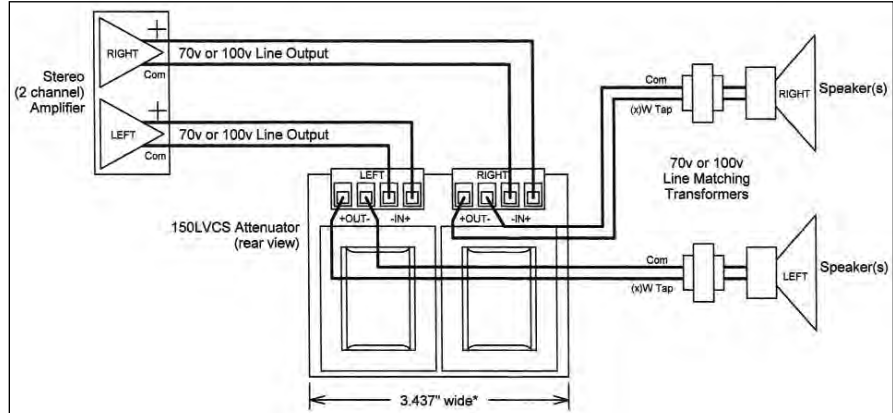
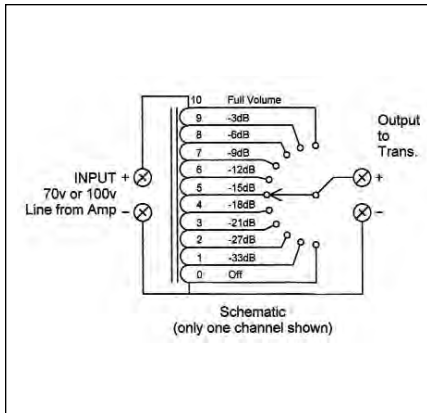
\* Models have two steps of 6dB each before off. Controls mount in every other position with no device between in Models LD8-RMP and LD9-RMP - order DBB-4 blank plates separately.



### A & E Specifications

Stereo volume control for distributed mono systems, distributed mono systems with subwoofer, or distributed stereo applications shall be Model \_\_\_\_\_ (150LVCS, 150LVCS-DSB, 150LVCS-RMDB, 150LVCS-RM). Control shall have a power rating of 150W per channel with attenuation of 3dB per step with two 6dB positions before OFF. The control shall have plug-in termination for up to 14 gauge wire for 70V or 100V input connections from the amplifier and 70V or 100V output to the speaker/transformer assemblies. Control shall be centered on plate style \_\_\_\_\_ (2-gang 1-piece stainless steel, 2-gang decora-style

with black subplate and stainless cover plate, rackmount with decora®-style black subplate, or rackmount with exposed shaft, knob and adhesive dial scale). **Mounting requirements:** 2-gang Models 150LVCS and 150LVCS-DSB shall mount in a standard 2-gang E.O. Box (by others) with a minimum depth of 2.5" including mud ring (if used). Rackmount decora-style Model 150LVCS-RMDB shall mount in Lowell rackmount device panel Model LD8-RMP or LD9-RMP (order separately) in alternate positions with no devices between. Traditional rackmount Model 150LVCS-RM shall mount in Lowell rackmount device panel Model LVC-RMP (order separately) in alternate positions with no devices between, or in custom panel applications.



AUDIO

12"/10" Speakers & Accessories

8" Speakers & Accessories

6" Speakers & Accessories

4" Speakers & Accessories

Horn Speakers & Accessories

Masking Speakers & Generators

Control Accessories & Electronics

Volume Controls

150LVCS Schematic (one channel)

150LVCS Wiring

