

Model Series: LVC

Lowell's LVC volume controls are ETL Listed, compact, easy-to-install controls that provide precise level adjustment of single or multiple speaker lines. They're available in 25W, 50W or 100W models with a standard or Decora-style wall plate. All models mount within a single gang E.O. box with a minimum depth requirement of 2.125". They include easy-to-connect, phoenix-style plug-in screw termination strips for pre-wire convenience with wire capacity up to 14-gauge. Attenuation is 1.5dB or 3dB per step (see chart below).

- **Standard:** one-piece plate in stainless steel or plastic (black, white or almond).
- **Decora-style:** two-piece plastic plate or stainless steel plate with plastic subplate (black, white or almond).
- **Emergency Bypass Option:** models in the 100LVC-PA series are equipped with a 24VDC@15mA relay for applications that require emergency and paging signals to bypass/override the attenuator.

Features

- 25W, 50W or 100W power rating
- Standard or Decora® style wall plate
- 2.125" depth fits standard E.O. boxes
- Attenuation is 1.5dB or 3dB per step (see chart below).

A & E Specifications

The volume control shall be Lowell Model No. _____ with a power rating of _____ watts and attenuation of _____dB per step. It shall be ETL Listed and shall mount in an E.O. box with minimum inside dimensions of 1.875"W x 2.688"H x 2.125"D. It shall include a _____(standard, Decora® style) wall plate with _____(stainless steel, white plastic, almond plastic, black plastic) finish.
[Models with Emergency Bypass (priority relay) Only: It shall also include a 24VDC@15mA relay.]



Volume controls with standard (one-piece) wall plate



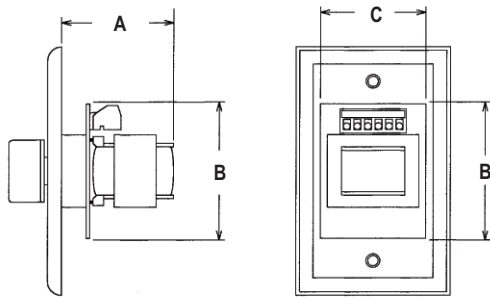
Volume controls with Decora-style (two-piece) wall plate



Model No.	Power Rating	Type	Switch Type	Switch Positions	Attenuation Step / Total	Style	Finish
25LVC	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	Stainless steel
25LVC-SW	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	White
25LVC-SA	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	Almond
25LVC-DW	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	White plate & subplate
25LVC-DB	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Black plate & subplate
25LVC-DA	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Almond plate & subplate
25LVC-DSW	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, white subplate
25LVC-DSB	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, black subplate
50LVC	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	Stainless steel
50LVC-SW	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	White
50LVC-SA	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	Almond
50LVC-DW	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	White plate & subplate
50LVC-DB	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Black plate & subplate
50LVC-DA	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Almond plate & subplate
50LVC-DSW	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, white subplate
50LVC-DSB	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, black subplate
100LVC	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	Stainless steel
100LVC-SW	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	White
100LVC-SA	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Standard	Almond
100LVC-DW	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	White plate & subplate
100LVC-DB	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Black plate & subplate
100LVC-DA	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Almond plate & subplate
100LVC-DSW	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, white subplate
100LVC-DSB	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, black subplate
10015LVC	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Standard	Stainless steel
10015LVC-SW	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Standard	White
10015LVC-DW	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Decora	White plate & subplate
10015LVC-DB	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Decora	Black plate & subplate
10015LVC-DA	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Decora	Almond plate & subplate
10015LVC-DSW	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Decora	Stainless steel plate, white subplate
10015LVC-DSB	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Decora	Stainless steel plate, black subplate
100LVC-PA**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Standard	Stainless steel
100LVC-PA-SW**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Standard	White
100LVC-PA-DW**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Decora	White plate & subplate
100LVC-PA-DB**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Decora	Black plate & subplate
100LVC-PA-DA**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Decora	Almond plate & subplate
100LVC-PA-DSW**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, white subplate
100LVC-PA-DSB**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Decora	Stainless steel plate, black subplate

** Model series 100LVC-PA includes a priority relay (24VDC@15mA). See wiring diagram and schematic.

*** Models have two steps of 6dB each before off.



All models (25W, 50W, 100W) are compact enough to mount in E.O. boxes with minimum depth of 2.125".

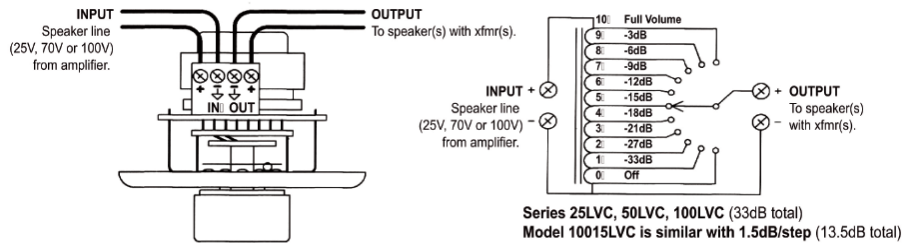


Optional surface box
 Model P1X is 2.5"D

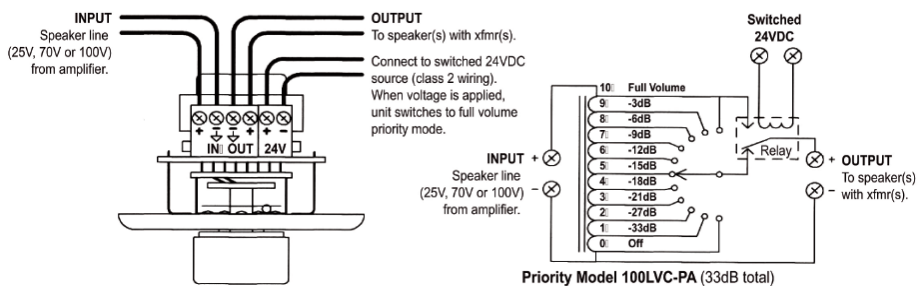
Model Series	Plate Width	Plate Height	A	B	C	All models mount all E.O. Boxes noted (minimum opening size 1.875"W x 2.685"H x 2.125"D)
25LVC	2.75"	4.5"	1.75"	2.5"	1.875"	4"Sq x 2.125"D with raised mud ring (RACO 232, 235 or equiv.) or 1-gang handy box 2.125"D (RACO 670, 671, 678 or equiv.)** or 2-gang switch box 2.125"D (RACO 680, 681, 683, 685 or equiv.)*** or Multi-gang switch box 2.5"D (RACO 686, 687 or equiv.)*** or Lowell P1X surface box
50LVC	2.75"	4.5"	1.812"	2.5"	1.875"	
100LVC	2.75"	4.5"	2.125"	2.5"	1.875"	
100LVC-PA	2.75"	4.5"	2.125"	2.5"	1.875"	
10015LVC	2.75"	4.5"	2.125"	2.5"	1.875"	

** Note: 100W units are deeper than other LVC models so a 1-gang handy box will allow only minimal room for control and wiring.
 *** 2-gang and multi-gang switch boxes noted are for use with Decora-style units in multi-device installations (multi-gang trim plate by others).

Wiring and Schematic for LVC Series
 (except models with priority paging feature)



Wiring and Schematic for LVC-PA Series
 (only models with 24VDC@15mA priority paging feature)



Optional Rackmount Panel:

Lowell pre-punched rackmount panels provide an easy way to install multiple LVC Series controls. The panels listed below include a rear lacing flange for wire management and a clear window to hold a paper label.

- **D8P-ID-3:** (3U) 8-position panel with generous spacing
- **D9P-ID-3:** (3U) 9-position panel with narrow spacing mounts Decora-style 1-gang volume controls or other low-voltage devices. Panel will also accept 2-gang devices in alternate spacing.



Rackmount Panel No. D8P-ID-3: mounts up to 8 Decora style 1-gang devices. Photo shows LVC Series Decora controls and blank plates for unused positions. Order separately.

Panel includes clear PocketID™ window for paper labels.