

Quality Features

- 100W, 50W, or 25W power rating.
- UL Listed under Standard UL813 and UL2043
- Standard or Decora®-style plate.
- Choice of plate material includes stainless steel or plastic in white, ivory or black as noted.
- Compact single gang size blends with other wall devices.
- 2.125" depth fits standard E.O. boxes (see chart on page 2)
- May be used with RMP Series rack panels (order separately).

Description

Lowell's LVC Series volume controls are UL Listed, compact easy-to-install controls that provide precise level adjustment of single or multiple speaker lines. Choose 25W, 50W or 100W models with standard, Decora®-style, or adhesive rackmount plate. All models (including 100W versions) mount within a single gang E.O.Box with a minimum depth requirement of 2.125".

Standard, one-piece plates are offered in brushed stainless steel or plastic (white or ivory) versions. Decora®-style two-piece plates are available in plastic (white, ivory or black) or with a stainless steel coverplate and a white or black plastic subplate. Rackmount models feature an adhesive dial scale with clear label area instead of a plate. All LVC Series volume controls have easy to connect, phoenix-style plug-in screw termination strips for pre-wire convenience with wire capacity up to 14gauge. Attenuation is 3dB per step or 1.5dB per step as noted.

For applications that require emergency and paging signals to bypass/override the attenuator, choose Series 100LVC-PA equipped with a 24VDC @ 5mA relay (see diagrams on page 2).

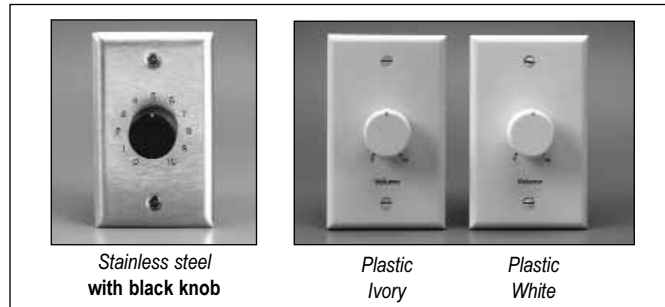
Accessory Rackmount Panel (order separately)

Lowell offers three different RMP Series pre-punched rack panels for easy installation of multiple LVC Series controls on to a rack panel. All include a rear lacing flange for wire management and a clear PocketID™ window for inserting 1/2" labels for control identification. Choose 3RU panel Model LD8-RMP (8 positions with generous spacing) or LD9-RMP (9 positions with narrow spacing) for mounting Decora®-style 1-gang volume controls or other low-voltage devices. Model LD9-RMP will also accept 2-gang devices. Space saving 2RU panel Model LVC-RMP has 8 positions for mounting rackmount LVC Series volume controls*. For detailed panel specifications, see individual RMP Series spec sheets in the rack accessories section.

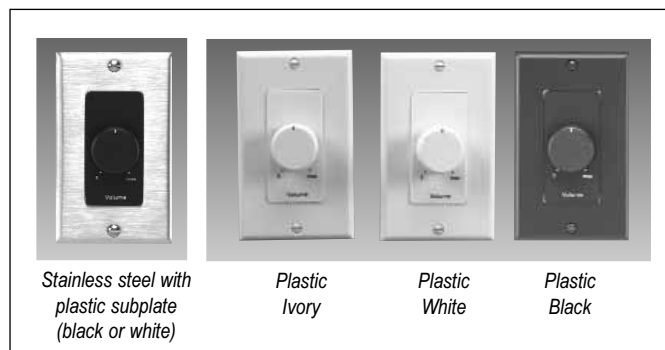
*Controls with standard wall plate may also be used (discard plate).

A & E Specifications

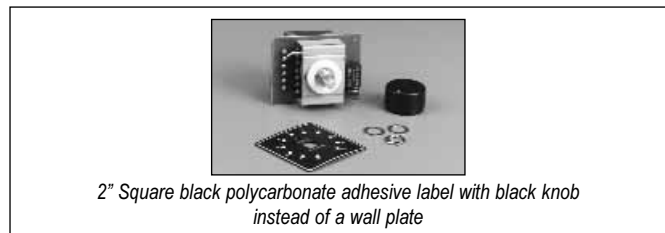
Volume control shall be Lowell Model _____ with a power rating of _____ (25W, 50W, 100W) and attenuation per step of _____ (3dB, 1.5dB). Plate style shall be (standard one-piece stainless steel, one-piece plastic, Decora®-style two-piece plastic, Decora®-style two-piece stainless steel with plastic subplate, or rackmount with adhesive label). Plate color shall be _____ (brushed stainless, white, ivory, black, stainless/white, stainless/black). Controls shall be UL Listed (Standard UL813 and UL2043) and shall mount in an E.O. Box with a minimum inside dimension of 1.875"W x 2.688"H x 2.125"D. Priority Relay Option: Model shall include a 24VDC@5mA relay.



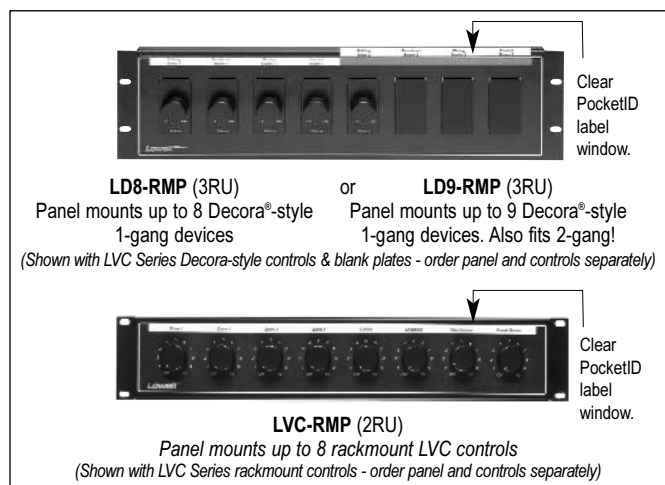
Standard - one-piece, 1-gang plates



Decora®-style - two-piece, 1-gang plates



Rackmount - adhesive dial scale



Accessory rackmount device panels with PocketID™



LVC Series

Volume Control Attenuators - UL Listed

A
U
D
I
O

12" 10"
Speakers & Accessories

8"
Speakers & Accessories

6"
Speakers & Accessories

4"
Speakers & Accessories

Horn
Speakers & Accessories

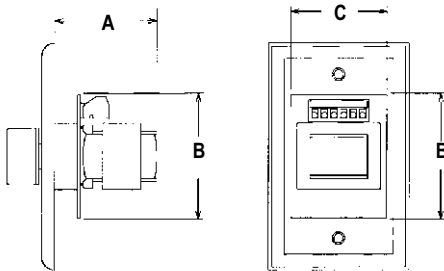
Masking
Speakers & Generators

Control
Accessories & Electronics

Volume Controls

Model UL Listed*	Power Rating	Type	Switch Type	Switch Positions	Attenuation Step / Total	1 Gang Plate Choices				2" Sq label (Suffix Model)
						Standard 1pc. Stainless Steel (no suffix required)	Standard 1pc. Plastic (Suffix Model)	Decora®-style Plastic (Suffix Model)	Decora®-style Stainless/plastic (Suffix Model)	
25LVC	25W	Auto-trans	Rotary	10-off	3dB / 33dB***	Included (base model)	-SW (white) -SI (Ivory) --	-DW (white) -DI (Ivory) -DB (black)	-DSW (SS/white) --- -DSB (SS/black)	---
50LVC	50W	Auto-trans	Rotary	10-off	3dB / 33dB***	Included (base model)	-SW (white) -SI (Ivory) --	-DW (white) -DI (Ivory) -DB (black)	-DSW (SS/white) --- -DSB (SS/black)	---
100LVC	100W	Auto-trans	Rotary	10-off	3dB / 33dB***	Included (base model)	-SW (white) -SI (Ivory) ---	-DW (white) -DI (Ivory) -DB (black)	-DSW (SS/white) --- -DSB (SS/black)	---
100LVC-PA**	100W	Priority-trans	Rotary	10-off	3dB / 33dB***	Included (base model)	-SW (white) -SI (Ivory) ---	-DW (white) -DI (Ivory) -DB (black)	-DSW (SS/white) --- -DSB (SS/black)	---
10015LVC	100W	Auto-trans	Rotary	10-off	1.5dB / 13.5dB	Included (base model)	-SW (white) -SI (Ivory) ---	-DW (white) -DI (Ivory) -DB (black)	-DSW (SS/white) --- -DSB (SS/black)	---

* LVC Series is UL Listed under Standard UL813 and UL2043. ** Model 100LVC-PA includes a priority relay (24VDC @5mA). See wiring diagram and schematic below.
 *** Models have two steps of 6dB each before off.



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



Optional surface box Model P1X is 2.5"D

Model Series	Plate Width	Plate Height	A	B	C
25LVC	2.75"	4.5"	1.75"	2.5"	1.875"
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"

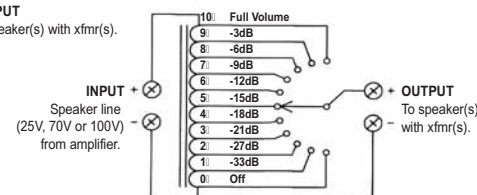
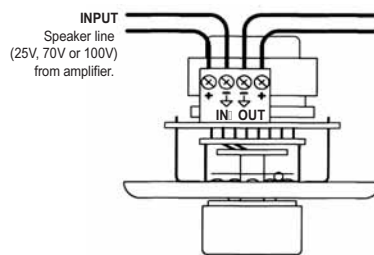
All models mount all E.O. Boxes noted (boxes by others)

(minimum opening size 1.875"W x 2.685"H x 2.125"D)
 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

** 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

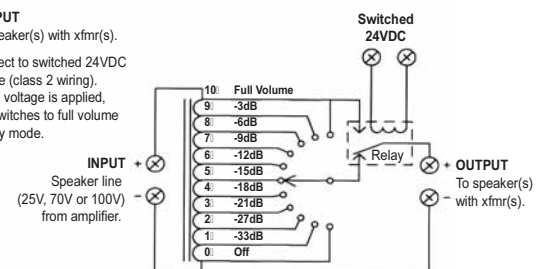
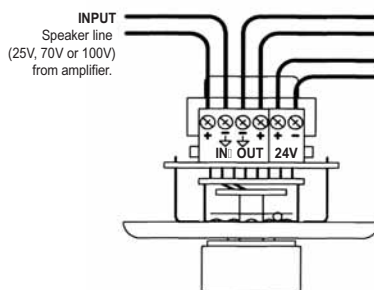
(all models except those with priority paging feature)



Series 25LVC, 50LVC, 100LVC (33dB total)
 Model 10015LVC is similar with 1.5dB/step (13.5dB total)

Wiring and Schematic for LVC-PA Series

(models with 24VDC@5mA priority paging (PA) feature)



Priority Model 100LVC-PA (33dB total)