

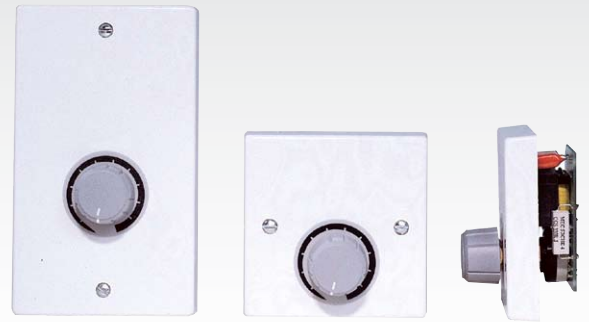
- **LVC-25:** 25W 100v Line Volume Control
- **LVC100:** 100W 100v Line Volume Control
- **LVC300:** 300W 100v Line Volume Control

A range of 50/70/100v line remote volume controls for loads of 25, 100 and 300W with provision for local volume restoration for paging announcements by built-in 24v relay override.

Each control has been designed to provide excellent frequency response with minimum quiescent power loss, using uniquely wound auto-transformers for maximum efficiency.

LVC025/VA and LVC100/VA models include all the same features of the standard LVC025 and LVC100 products; the main difference is that the override relay is energised when the Volume Control is in normal use and de-energises in fail/safe override condition, to provide full volume restoration for emergency broadcasts.

Both controls are suitable for low frequency and DC line surveillance monitoring systems, normally associated with Voice Alarm facilities and are site adjusted.



#### Features:

- A rugged, stepped, user control
- Collet fixed knobs
- Permanent push-on wiring connectors conveniently at one end of the PC board
- Easily adjustable, colour coded, on-board header receptacles for option selection (300W excluded, use terminal selection)
- Detailed diagrammatic instructions make preparation and installation easy
- Also suitable, by 'on-board' option selection, for three wire amplifier sourced paging override systems, TRI-WIRE
- LVC025 and LVC100 volume controls are fitted to ivory ABS UK switchplates
- Various metal front panel options are available at extra cost

#### Order Codes:

Model:	
LVC025/VA:	25W, including UK front panel, single switchplate - VA compliant
LVC025:	25W, including UK front panel, single switchplate
LVC025/PC:	25W, 'bare bones' PC only
LVC100/VA:	100W, including UK front panel, double switchplate - VA compliant
LVC100:	100W, including UK front panel, single switchplate
LVC100/PC:	100W, 'bare bones' PC only
LVC300:	300W, including front panel to mate with MK 5268 ALM flush backbox
LVC300/PC:	300W, 'bare bones' chassis only
LVC300/SM:	300W, mounted in surface fixing backbox
LVC600:	6W LowZ including UK front panel, single switchplate

#### Specifications:

Model:	LVC-25	LVC100	LVC300
Rated Input	25W, 100v	100W, 100v	300W, 100v
Maximum Load	30W	120W	330W
Maximum Input Voltage	100v, RMS 140v Peak (intended for use on 50, 70, 100v line distribution systems)		
Minimum Nominal Input Voltage	50v	50v	50v
Control Attenuation	60dB, in 12 steps, including 'Off'		
Paging Attenuation	12dB, in 4 steps (relay override function only)		-
Operating Frequency Range	150Hz ~ 15KHz	150Hz ~ 15KHz	40Hz ~ 15KHz
Override Relay: Consumption	400mW	400mW	900mW
Termination	Push-on screw terminations, fixing to PCB header pins. max cable size 2.5mm <sup>2</sup> , stripping length 6mm		Screw termination max cable size 4mm <sup>2</sup>
Finish	Ivory plate with grey rotary switch		
Dimensions	87(W) x 87(H) x 38(D) mm	87(W) x 145(H) x 38(D) mm	122(W) x 178(H) x 84(D) mm