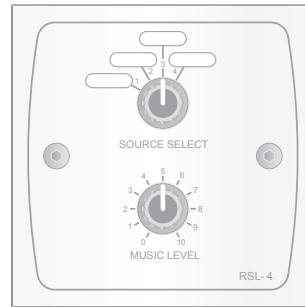


# RL AND RSL SERIES REMOTE CONTROL PLATES

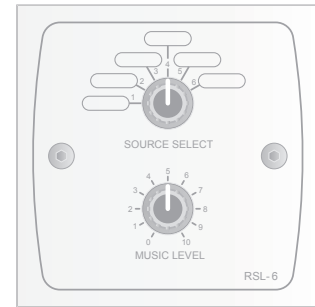
**RL-1W: UK version**



**RSL-4W: UK version**



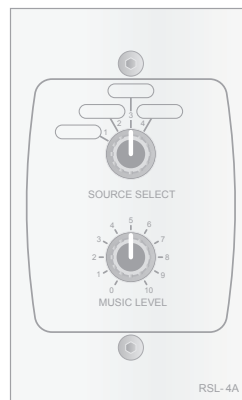
**RSL-6W: UK version**



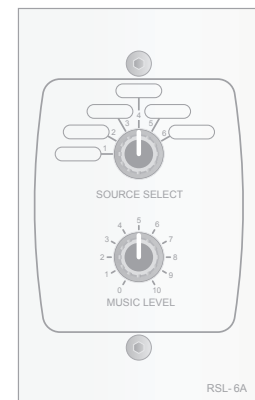
**RL-1AW: US version**



**RSL4-AW: US version**

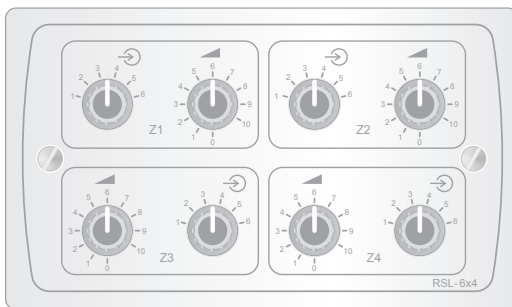


**RSL-6AW: US version**

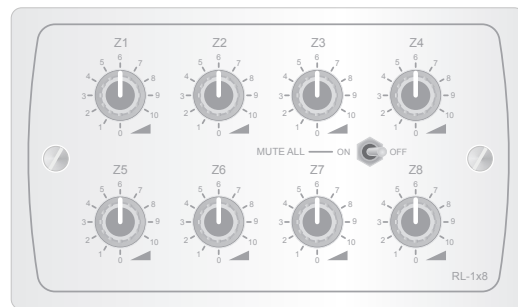


\*Above plate types are also available in black

**RSL-6x4: UK size only**



**RL1x8: UK size only**



## General Description

Cloud RL Series and RSL Series remote control plates are accessories for a wide range of Cloud zoners, mixer-amplifiers and power amplifiers. They are compatible with all current (relevant) products, and also with numerous discontinued products.

Intended for easy installation in any convenient location, both RL Series and RSL Series plates allow audio volume in an area (zone) to be controlled locally, i.e., from the zone itself instead of via the host unit's front panel controls. RSL Series plates additionally allow remote selection of music source in the zone, when used in conjunction with Cloud devices that have multiple line inputs.

The RL and RSL Series range may be summarised as follows:

- RL-1: a single rotary volume control.
- RSL-4: two rotary controls, for volume and music source selection: for use with host units having up to four line inputs.
- RSL-6: as RSL-4, but for use with host units having up to six line inputs.

- RL-1x8: eight independent rotary volume controls on a single plate; this version also has a "MUTE ALL" switch which can be wired to the host unit's Music Mute input.
- RSL-6x4: four independent pairs of volume controls and music source selection switches.

Except for the RL-1x8 and RSL-6x4, the plate types listed above are available in two physical sizes, to suit standard UK or US single-gang electrical back boxes.

Plates in UK or US formats may be ordered with either a black or a white finish. Suffixes are appended to the basic model reference to denote the physical size and finish (see table below).

Versions RL-1x8 and RSL-6x4 fit a standard UK double-gang back box, and are available in white finish only.

UK size plates are supplied with M3.5 fixing screws. All versions require a back box depth of 30 mm minimum.

**RL and RSL Series Plates – key to range:**

MODEL	FUNCTIONS	PHYSICAL	FINISH
<b>RL-1B</b>	Volume only	To fit UK back boxes	Black
<b>RL-1W</b>			White
<b>RL-1AB</b>		To fit US back boxes	Black
<b>RL-1AW</b>			White
<b>RSL-4B</b>	Volume and music source selection (4 sources)	To fit UK back boxes	Black
<b>RSL-4W</b>			White
<b>RSL-4AB</b>		To fit US back boxes	Black
<b>RSL-4AW</b>			White
<b>RSL-6B</b>	Volume and music source selection (6 sources)	To fit UK back boxes	Black
<b>RSL-6W</b>			White
<b>RSL-6AB</b>		To fit US back boxes	Black
<b>RSL-6AW</b>			White
<b>RL-1x8</b>	8 x volume controls	UK double-gang plates	White
<b>RSL-6x4</b>	4 x volume controls + 4 x music source selection (6 sources)		White

## Connections

The plates are easily wired to the host device's rear panel Remote Control port(s) using either single-core or twin-core screened cable, depending on plate type and model of host unit. Mating screw terminal connectors are provided with all Cloud host units. Within certain restrictions, it is possible to wire RL and RSL Series plates "in parallel" to two or more remote control ports of the host device. Please see the RL and RSL Series Installation Guide and Cloud Technical Notes at [www.cloud.co.uk](http://www.cloud.co.uk) for further information on this topic.

The sections of models RL-1x8 and RSL-6x4 are totally independent of each other: for wiring purposes, these models may be regarded as eight separate RL-1s or four separate RSL-6s respectively.

## Product compatibility

The table below summarises which current Cloud products are compatible with each type of plate. The “B” and “W” finish suffixes have been omitted as they are irrelevant here.

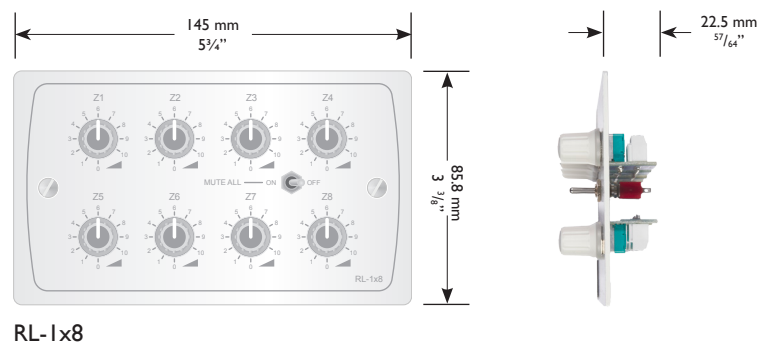
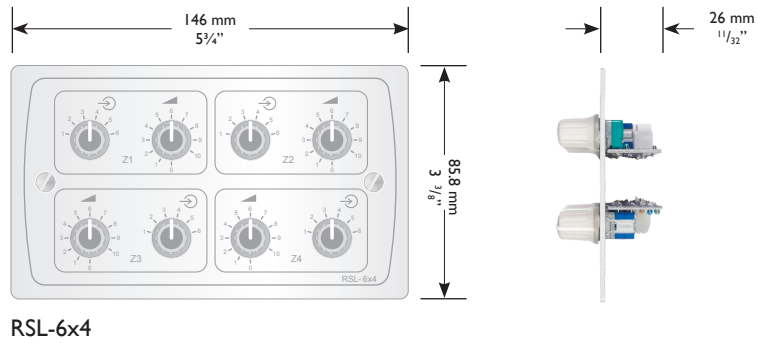
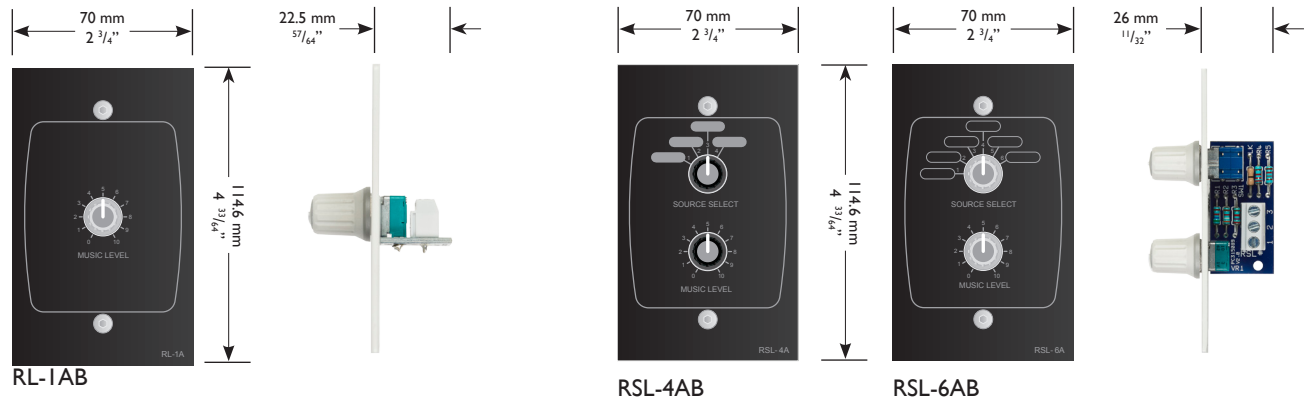
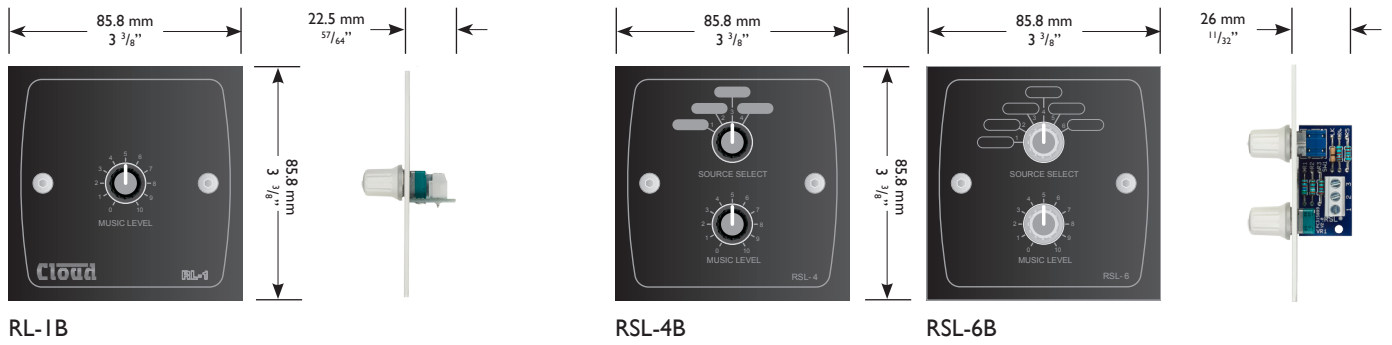
For older Cloud products, please consult the product’s Installation Guide, [www.cloud.co.uk](http://www.cloud.co.uk), or contact Cloud’s Technical Dept.

PRODUCT	RL-1/1A/1x8	RSL-4/4A	RSL-6/6A/6x4
<b>Venue Zone Mixers</b>			
Z4II/Z4MK3/Z4MK4	√		√
Z8II/Z8MK3/Z8MK4	√		√
<b>Zone Mixers</b>			
CX163	√		
CX263	√		√
CX261	√		√
CX462	√		√
<b>Integrated Mixer-Amps</b>			
MA40	√		
MA40T <sup>1</sup>	√		
MA40E <sup>1</sup>	√		
MA40F <sup>1</sup>	√		
MA60	√	√	
MA60MEDIA	√	√	
36-50	√		√
46-50	√		√
46-120	√		√
46-120T	√		√
46-120MEDIA	√		√
46-120TMEDIA	√		√
<b>Power Amps</b>			
MPA120	√		√
MPA240	√		√
CXV225 <sup>2</sup>	√		
CXV425 <sup>2</sup>	√		
CXA450 <sup>2</sup>	√		
CXA850 <sup>2</sup>	√		
CXA6 <sup>2</sup>	√		
VTX4120	√		
VTX4240	√		
VTX4400	√		
CV2500	√		
CV4250	√		
CV6160	√		
CV8125	√		
CXA2500	√		
CXA4250	√		
CXA6160	√		
CXA8125	√		

### NOTES:

1. Use of RL and RSL Series plates with Models MA40T, MA40F and MA40E require a Cat 5 connection between the plate’s screw terminal block and the host’s RJ45 Facility Port.
2. These models require VCA cards to be installed before they can be used with remote control plates. Full installation instructions are provided with the VCA card kit, and can also be found in the Installation Guide for the model.

## Dimensions



## Architect's and Engineer's Specification

### RL-I Series

The remote control plate shall be provided with a single rotary level control permitting the music level of compatible Cloud amplifiers, mixer-amplifiers and zoners to be set from a remote location. The plate shall connect to the amplifier, mixer-amplifier or zoner with a single 1-core or 2-core (product-dependent) screened cable.

The plate shall be available in two sizes: i) to fit UK-standard single-gang electrical boxes, ii) to fit US-standard single electrical outlet boxes. Either size shall be available with a black or white faceplate.

An alternative version of the plate shall be available to permit control of volume in multiple zones. This shall be of a size suitable for fitting to a UK-standard double-gang electrical back box, and shall be fitted with a minimum of eight rotary level controls; each control shall be electrically identical to those fitted to the single control plates. The plate shall also be fitted with an unwired SPDT switch, the faceplate being suitably marked to indicate that its function is to mute all audio channels.

The remote control plate shall be the Cloud RL-I Series; the multiple zone version shall be the Cloud RL-1x8.

### RSL-4 and RSL-6 Series

The remote control plate shall allow music level and source selection in compatible Cloud mixer-amplifiers or zoners to be set from a remote location. Two versions of the plate shall be available: both shall be fitted with a rotary control for mixer-amplifier/zoner level and either a 4-position or a 6-position rotary switch, depending on version, for source selection. The panel shall connect to the mixer-amplifier or zoner with a single 2-core screened cable.

The plate shall be available in two sizes: i) to fit UK-standard single-gang electrical boxes, ii) to fit US-standard single electrical outlet boxes. Either size shall be available with a black or white faceplate.

An alternative version of the plate shall be available to permit control of music volume and source selection in multiple zones. This shall be of a size suitable for fitting to a UK-standard double-gang electrical back box, and shall be fitted with a minimum of four rotary level controls and four 6-position rotary switches; each pair of controls shall be electrically identical to those fitted to the single control plates.

The remote control plate shall be the Cloud RSL-6 Series; the multiple zone version shall be the Cloud RSL-6x4.