



RSL-1 & RSL-6

Installation Guide v 3.0

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RSL-1 & RSL-6 Installation Guide

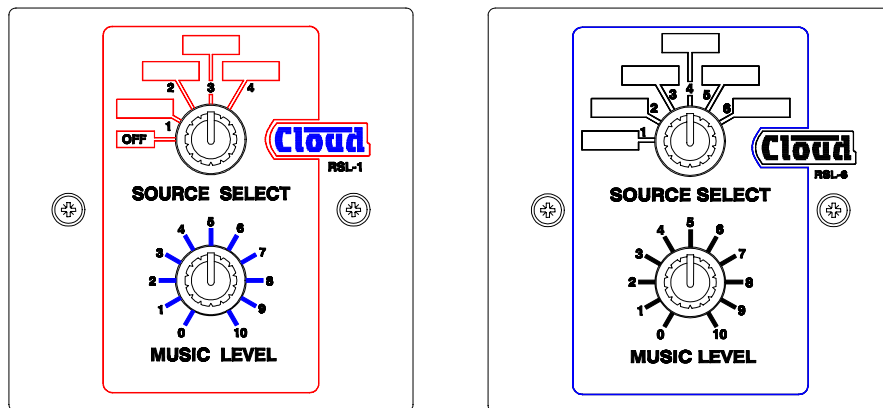
1 Introduction

The Remote Source and Level (RSL) control modules can be wired to a wide range of Cloud products. This document will provide you with a wiring diagram to connect the RSL to your host unit connector and detail any switches or jumpers that may need to be reconfigured to integrate the module with the host unit. The RSL comes in two different models:

RSL-1: Compatible with the CX242

RSL-6: Compatible with the 36/50, 46/50, Z4 and Z8

2 Hardware and Wiring Requirements



The Cloud RSL remote control plate is the same physical size as a single UK electrical light switch and can be mounted in a standard 25mm deep housing. The RSL should be connected to the remote connector of the host mixer using 2-Core cable with an overall screen. The RSL terminations are conventional screw terminals while the remote connector on the host unit is a 3-Pin plug-in screw terminal type connector (connector is supplied with the mixer).

Note: Maximum recommended cable length is 100m (328ft).

3 RSL-1A & RSL-6A

The RSL-1A and RSL-6A are available for the American market. They have identical operation to the RSL-1 and RSL-6 but have been designed to fit a single gang US electrical outlet box. Front panel dimensions are 4 1/2" x 2 3/4"

4 Specific Product Information

Some Cloud products have external switches and internal jumpers that may require reconfiguring for an RSL to work, this list contains the jumper settings, location and function for relevant products. Please take some time to read the applicable information here as these settings can be critical to the operation of the RSL. The wiring diagram can be found in section 5 of this document.

4a CX242

Schematic can be found at the rear of this document.

Zones 1&2 each have the following switches located behind the tamperproof front panel:

REM = This front panel switch controls whether music level and music source are to be controlled via remote control panel or the front panel control.

MONO = A simple front panel switch that allows the stereo output of either zone to be reconfigured to a mono signal output. In this mode each zone will have two independent mono outputs.

IN STEREO MODE: The REM switch must be depressed for the RSL-1 to function correctly.

IN MONO MODE: The REM switch must be depressed for the RSL-1 to function correctly but its level control only affects the LEFT output, the right output level is controlled via the front panel.

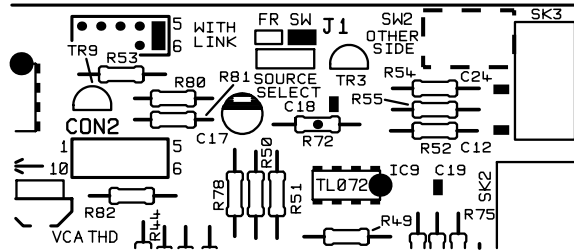
4b Z4 & Z8

Schematic can be found at the rear of this document.

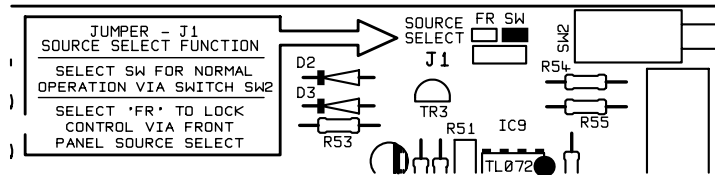
Jumper and Switch Settings to Integrate an RSL-6 to a Specific Zone

On any zone where an RSL-6 is to be used, the rear panel 'music control' switch should be depressed. If the RSL-6 fails to change the music sources, check the jumper J1 which should be set to the 'SW' position.

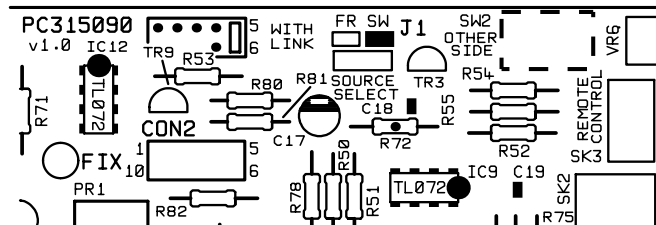
J1 location on Z4II & Z8II Zone Board



J1 location on Z4 & Z8 (Old Model) Standard Zone Board



J1 location on Z4 & Z8 (Old Model) Enhanced Zone Board (w/facility)



4c 36/50

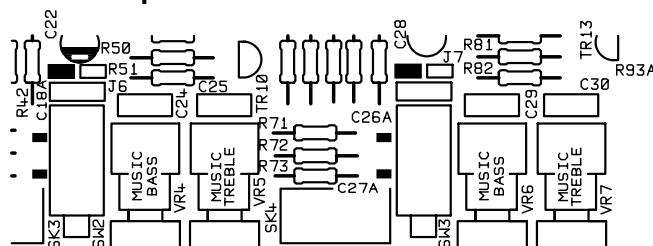
Schematic can be found at the rear of this document.

Jumper and Switch Settings to Integrate an RSL-6 to a Specific Zone

Zone 1: To use an RSL-6 depress the 'music control' switch. If the RSL-6 fails to change the music sources, check the jumper J6 which should be set to the 'SW' position.

Zone 2: To use an RSL-6 depress the 'music control' switch. If the RSL-6 fails to change the music sources, check the jumper J7 which should be set to the 'SW' position.

Jumper locations on the 36/50 PCB



4d 46/50

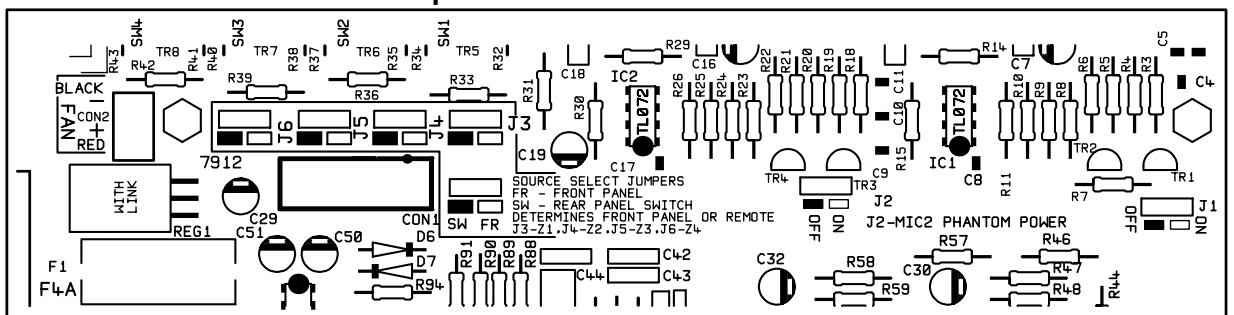
Schematic can be found at the rear of this document.

Jumper and Switch Settings to Integrate an RSL-6 to a Specific Zone

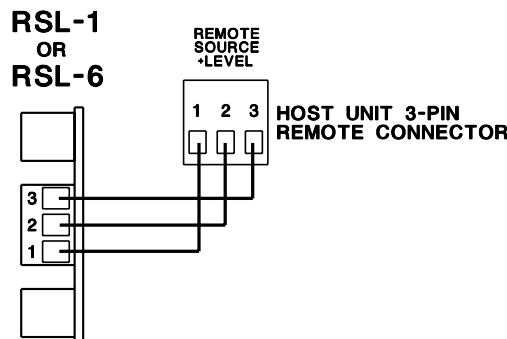
On any zone where an RSL-6 is to be used, the rear panel ‘music control’ switch should be depressed. If the RSL-6 fails to change the music sources, check that the relevant jumper (from the list below) is set to the ‘SW’ position.

- J3 = Zone 1
- J4 = Zone 2
- J5 = Zone 3
- J6 = Zone 4

Jumper locations on the 46/50 PCB



5 Schematic for Wiring RSL-1 or RSL-6



IMPORTANT: If you need a single RSL panel to operate more than one Zone simultaneously it will need modification. Contact our technical department for further details.

Should you have any further questions please do not hesitate to contact our technical support staff (contact details on front cover)