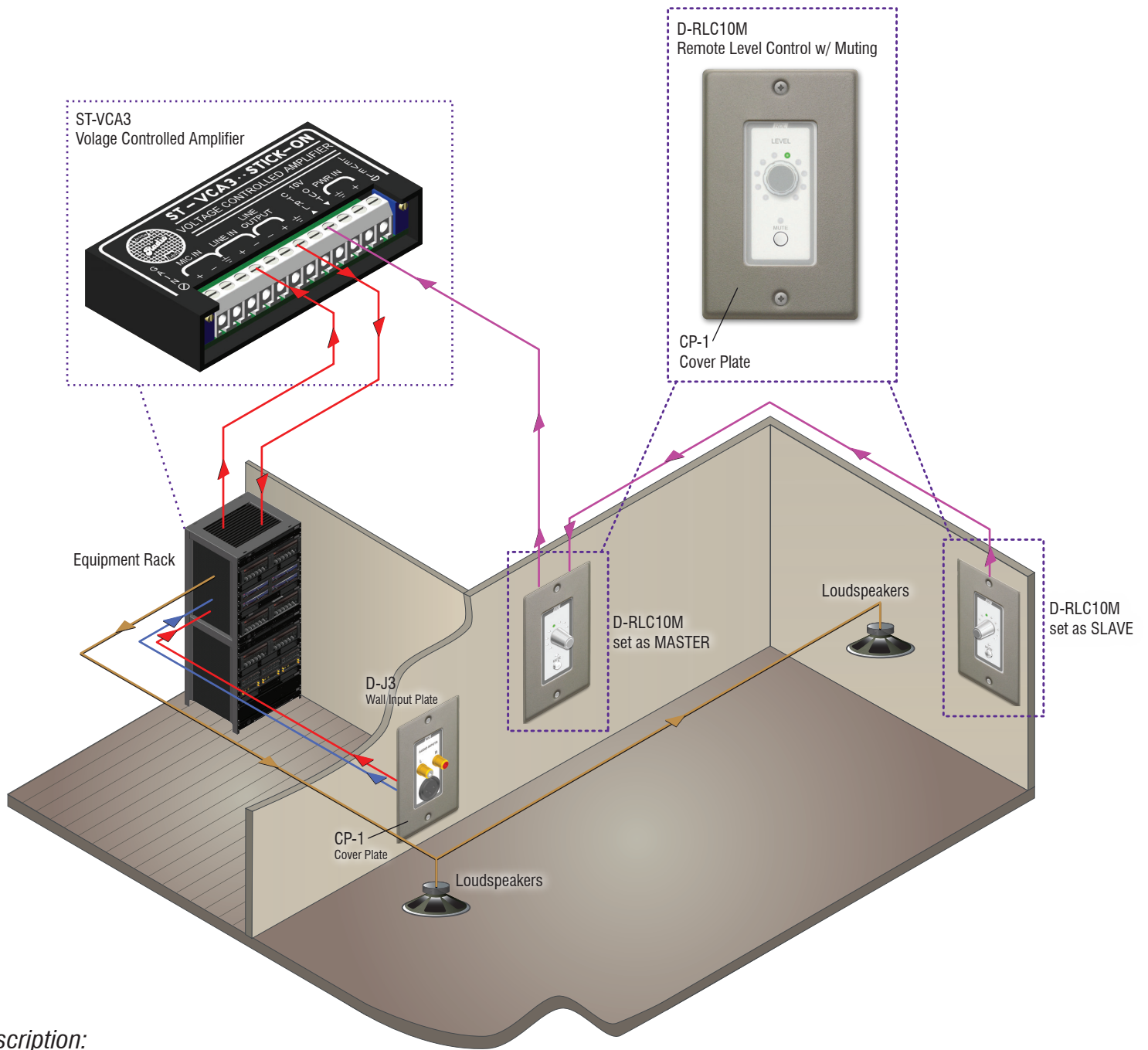


# MULTIPLE USER LEVEL CONTROLS FOR SINGLE ZONE

Multiple Control Points Provided by Rotary Optical Encoder Remote Controls with Muting



## Description:

This basic sound system provides two D-RLC10M Remote Level Controls with Muting for end users to adjust the volume from two different locations. The master D-RLC10M creates the 0 to 10 Vdc control voltage that sets the gain of the ST-VCA3 Voltage Controlled Amplifier. The ST-VCA3 adjusts the audio level feeding the system audio power amplifier. The slave D-RLC10M sends up/down and muting commands to the master D-RLC10M. An end user can turn the volume up or down, and mute or unmute the system from either remote control. Pressing the MUTE button on either D-RLC10M shuts off the audio signal. Audio is restored to the previously-set level when the MUTE function is released by pressing either MUTE button again.

These controls, one set to MASTER and the other to SLAVE, are shown connected to an ST-VCA3 Voltage Controlled Amplifier but can be used with any other RDL VCA or OEM product requiring a 0 to 10 Vdc ramp for level control. As many as ten D-RLC10M Remote Controls may be connected together in one zone. These remote controls are also available in black (DB-RLC10M) and stainless steel (DS-RLC10M).

Parts List	
Product	QTY
CP-1	3
D-J3	1
D-RLC10M	2
ST-VCA3	1

Recommended Pwr. Supplies	
Product	QTY
PS-24AS 24 Vdc 500 mA	1

Line Color Key	
<span style="color: red;">—</span>	Line Level Audio Signal
<span style="color: brown;">—</span>	Loudspeaker Level
<span style="color: purple;">—</span>	Control Signal
<span style="color: yellow;">—</span>	Video
<span style="color: blue;">—</span>	Mic Level Audio Signal
<span style="color: green;">—</span>	Ground
<span style="color: black;">—</span>	Power
<span style="color: orange;">—</span>	Miscellaneous