



Description:

This system is set up in a basic two room combining configuration. The rooms can be separated/joined by a movable wall. The room audio can be combined and uncombined at the main control unit in the rack. Each room is equipped with a local audio input wall plate that accepts both mic-level and line-level audio. A room control plate allows volume control and the selection of local sources or background music. The second room in this system is equipped with an additional volume control at the opposite end of the room. When the rooms are separated the local inputs are associated with that room only. When the rooms are combined, the local audio from each room is combined, creating one large room. This example uses an FP-PA20A 20 Watt 70 V amplifier for each room. Facility-wide paging is available through the rack mounted system controller. The RCX-5C can be used for room combining systems of two to five rooms.

Parts List	
Product	QTY
FP-PA20A	2
DS-RCX2	2
RCX-5C	1
DS-RCX10R	1
DS-J3	2
CP-1A	5

Recommended Pwr. Supplies	
Product	QTY
PS-24V3A 24 Vdc 3 A	3

Line Color Key	
—	Line Level Audio Signal
—	Loudspeaker Level
—	Control Signal
—	Video
—	Mic Level Audio Signal
—	Ground
—	Power
—	Miscellaneous