



Description:

A stereo unbalanced audio signal from a home entertainment system is summed and converted to a balanced mono signal using the TX-J2 Unbalanced Input Transformer. An RDL FP-PA20A 20 Watt 70 Volt Audio Power Amplifier powers four 70 Volt outdoor rock speakers in a patio seating area. Each speaker is tapped at 5 Watts, for a total of 20 Watts. The volume is controlled by the home entertainment system.

Using a 70 Volt system allows for the use of smaller cable sizes which reduce system costs and simplify the installation. An RDL FP-PA20B 20 Watt 25 Volt Audio Power Amplifier may be used in place of the FP-PA20A if a 25 Volt system is desired.

Parts List	
Product	QTY
FP-PA20A	1
TX-J2	1

Recommended Pwr. Supplies	
Product	QTY
PS-24V3A 24 Vdc 3 A	1

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