



**Description:**

An unbalanced stereo audio signal from the house audio system is summed and converted to a balanced mono signal using the TX-J2 Unbalanced Input Transformer. The ST-ACR Audio Controlled Relay normally connects the house audio source to the FP-PA20A 20 Watt Audio Power Amplifier which feeds 70 Volt outdoor loudspeakers in the patio seating area.

The patio is equipped with a DS-CIJ3 Consumer Input Jack plate to connect an unbalanced stereo audio source (RCA jacks or Mini-jack, MP3 shown). When a source is connected and playing audio, the ST-ACR2 detects the audio and switches the amplifier input from house audio to the connected source.

The patio speakers will distribute the locally connected source as long as it is playing. When the local source is finished, the ST-ACR2 switches back to the house audio. An FP-PA20B 20 Watt 25 Volt Power Amplifier may be used in place of the FP-PA20A if a 25 Volt system is desired.

Parts List

Product	QTY
CP-1S	1
DS-CIJ3	1
FP-PA20A	1
ST-ACR2	1
TX-J2	1

Recommended Pwr. Supplies

Product	QTY
PS-24V3A 24 Vdc 3 A	1

Line Color Key

<span style="color: red;">—</span>	Line Level Audio Signal
<span style="color: orange;">—</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: brown;">—</span>	Power
<span style="color: black;">—</span>	Miscellaneous