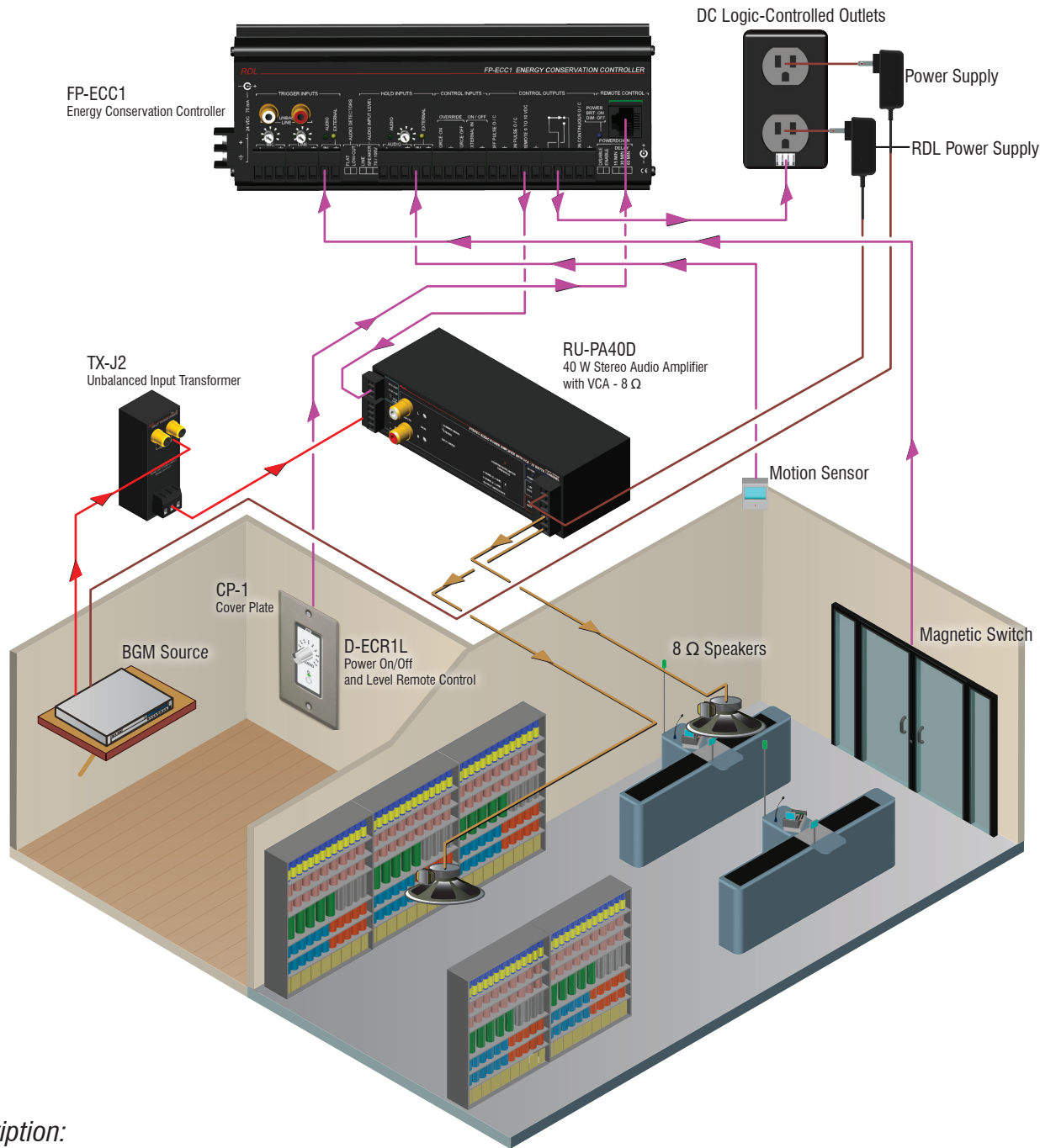


# AUTOMATIC POWER CONTROL OF RETAIL AUDIO SYSTEM

Conserve Energy and Save Cost by Automating System Power-Up and Power-Down



## Description:

To conserve energy and reduce operating costs, the RDL FP-ECC1 Energy Conservation Controller is used to automatically power up the background music system in this retail store when needed and to power down the equipment when not needed.

A magnetic switch on the door is used as a trigger to switch the system on. Once on, an occupancy sensor (motion detector) is used to monitor activity in the space and hold the system in a powered state. After a switch-selectable time period of 15, 30 or 60 minutes of no activity (motion), the FP-ECC1 will turn the BGM system off. No operator intervention is required to power the system on or off.

A TX-J2 is used to provide a balanced mono sum of the background music receiver output. The D-ECR1L Power On/Off and Level Control Remote allows for manual power-up/down operation of equipment controlled by the FP-ECC1 and provides a convenient remote volume control for the RU-PA40D 40 Watt Stereo Power Amplifier.

Notes: 1] A larger audio amplifier may be used in larger systems; 2] If the RU-PA40D is located *with* the BGM receiver, the TX-J2 is not required.

Parts List	
Product	QTY
CP-1	1
D-ECR1L	1
FP-ECC1	1
RU-PA40D	1
TX-J2	1

Recommended Pwr. Supplies	
Product	QTY
PS-24AS 24 Vdc 500 mA	1
RU-PA40D Power Supply	1, included

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