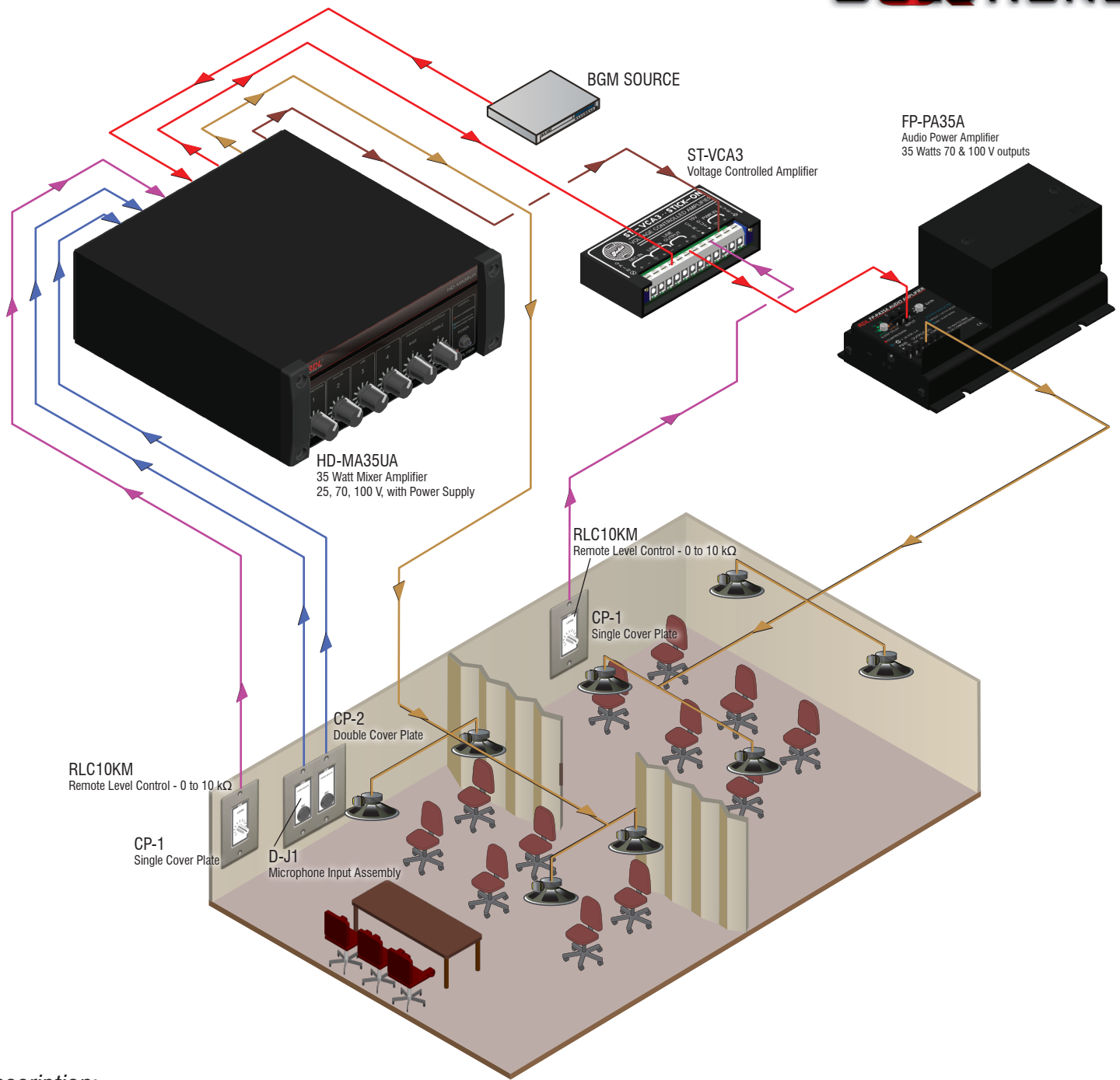


AMPLIFIERS FOR MEETING ROOM AND OVERFLOW AREA

Conference Facility Audio System with Amplification for Additional Zone

SYSTEMS SOLUTIONS

AN-2128



Description:

This conference facility uses the HD-MA35UA 35 Watt Mixer Amplifier as the main integrated audio solution. Two D-J1 Decora XLR Wall Plates feed the microphone inputs on the mixer section of the HD-MA35UA. An RLC10KM provides a level control for the 70 Volt speakers serving the main conference room.

The Zone 1 Line Output from the HD-MA35UA provides audio to the overflow seating area behind the meeting room. An FP-35A 35 Watt Audio Amplifier powers the 70 Volt speakers in the expansion section. The audio level in this area is adjusted by an RLC10KM connected to an ST-VCA3 Voltage Controlled Amplifier. The ST-VCA3 is powered by the auxiliary module 24 Vdc power output from the HD-MA35UA.

The HD-MA35UA and FP-PA35A both enter an automatic sleep mode to provide significant energy and cost savings when the system is idle.