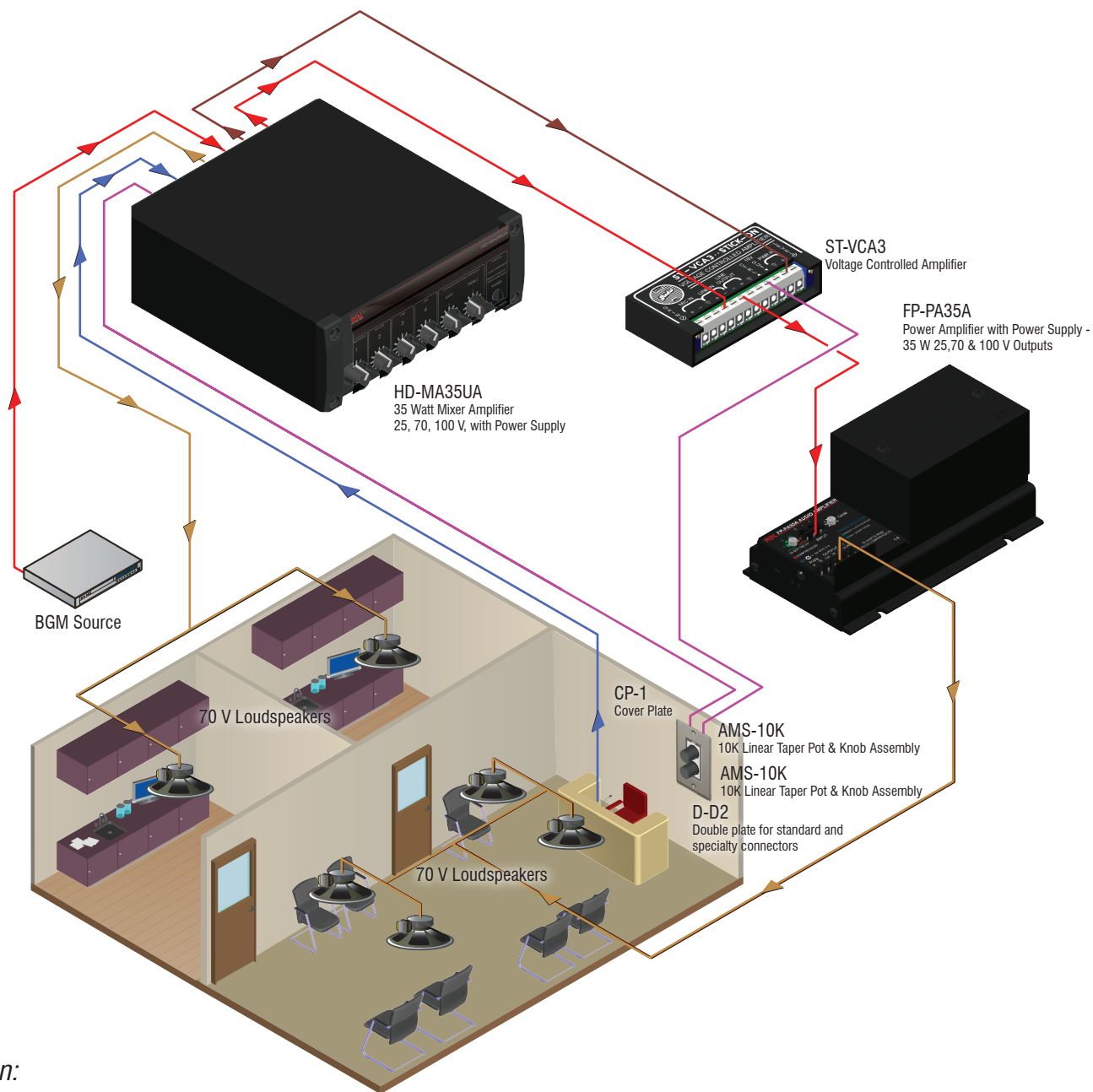


MEDICAL OFFICE DISTRIBUTED SOUND SYSTEM

Facility-wide Background Music with Examination Room Paging

SYSTEMS SOLUTIONS AN-2129



Description:

This medical office is set up as a two zone system in which only the examination rooms receive paging. All rooms in the facility are provided with background music.

The HD-MA35UA Mixer Amplifier (Zone 1) powers the speakers in multiple examination rooms where paging is required. Its Zone 2 mixer output provides balanced line-level background music *without paging* to the FP-PA35A Power Amplifier that powers the speakers in the reception and waiting room. Two wall-mounted AMS-10K controls permit independent volume adjustment for each zone. The HD-MA35UA features an integral VCA for Zone 1 level control. An ST-VCA3 is used to control the level in the areas served by the FP-PA35A. The ST-VCA3 is powered by the auxiliary module 24 Vdc power output from the HD-MA35UA.

Note: If the waiting room is small enough for background music supplied by one or two low-power speakers, the system may be installed without the FP-PA35A, ST-VCA3 and associated AMS-10K, instead using the HD-MA35UA Zone 2 amplifier (4 W) to power low impedance speakers in the waiting room.

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



Parts List	
Product	QTY
AMS-10K	2
CP-1	1
D-D2	1
FP-PA35A	1
HD-MA35UA	1
ST-VCA3	1

Recommended Pwr. Supplies	
Product	QTY
HD-MA35UA Power Supply	1, Included
FP-PA35A Power Supply	1, Included

Line Color Key	
Red	Line Level Audio Signal
Brown	Loudspeaker Level
Purple	Control Signal
Yellow	Video
Blue	Mic Level Audio Signal
Green	Ground
Black	Power
Orange	Miscellaneous