Med Clinic with Single Source Background Music System

This is a design concept and is not meant to be a fully engineered system design. Contact Atlas Sound for system design help.

LINE COLOR KEY
- LINE LEVEL AUDIO SIGNAL
- LOUDSPEAKER LEVEL
- CONTROL / NETWORK SIGNAL
- MIC LEVEL AUDIO SIGNAL
- VIDEO
- GROUND
- 120V

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Overview:
This example illustrates a simple single source background music system with a centralized volume control panel enabling control of the six (6) speaker zones. The commercial media player feeds all of the zones through one 70V amplifier.

Application Example Description:
In this example, a single commercial media player feeds a music source to a single PA1001G 70V 100W amplifier. The output feeds six (6) AT35-RM volume controls mounted in a single 2U ATPLATE-052. The volume controls feed FAP62T 70V speakers mounted in a suspended mineral tile ceiling in six (6) zones: Administration, Staff lounge, Bathrooms, Lobby & Hallways, Exam Rooms 1-3, and Exam Rooms 4-6. Volume levels can be set for each of these zones as desired.

Benefits:
• Cost Effective BGM System
• Improved Patient and Waiting Room Comfort
• Enhances Doctor-Patient Privacy