



# Small Hotel / Motel

This facility is typical of many small hotels or motels. The public areas are: main lobby; multi-function room (receptions, parties, large meetings); fitness center; pool; meeting/conference rooms – two smaller meeting rooms that can be combined if needed.

Input sources include: digital satellite service; CD player; cassette or digital audio (MP3) player; wireless microphone systems – one in the multi-function room, another that can be used in the meeting rooms or at poolside; telephone paging (multiple locations); paging microphone (front office); line Input from multi-function room (allows “overflow” attendees to hear the proceedings in the meeting rooms).

The DX810 Digital Matrix Mixer has the horsepower we need to bring this all together in an efficient, cost-effective, easy-to-use system. We’ll provide 24V battery backup for the DX810 and some of the amplifiers so the paging system can fulfill emergency requirements in the event of a power failure or blackout. Lobby background music and paging (with automatic “ducking” and override functions programmed into the DX810) will be delivered via CIS400 Ceiling Speakers, driven on a 70V line that is powered by a CXA240 (the CIS400 includes a built-in transformer as well as complete mounting hardware). The multifunction room will be served by a CAZ2500 powering two VR21’s, plus a bridged CAZ1400 driving a VRS12 subwoofer. For background music plus paging in the fitness room, a CXA240 will drive a 70V line, to which we’ll connect the built-in transformers on a number of

SMS4 Surface Mount Speakers. A similar system will provide background music and paging at the pool. We’ll also use SMS4’s in the meeting/conference rooms, with CAM150 mixer/amplifiers that allow connection of additional sources (podium microphones, audiovisual playback systems, etc.) in these areas. Each zone will have a DX-RVC for local adjustment of the sound system volume, plus a DX-SW4 remote control for selection of appropriate presets.



