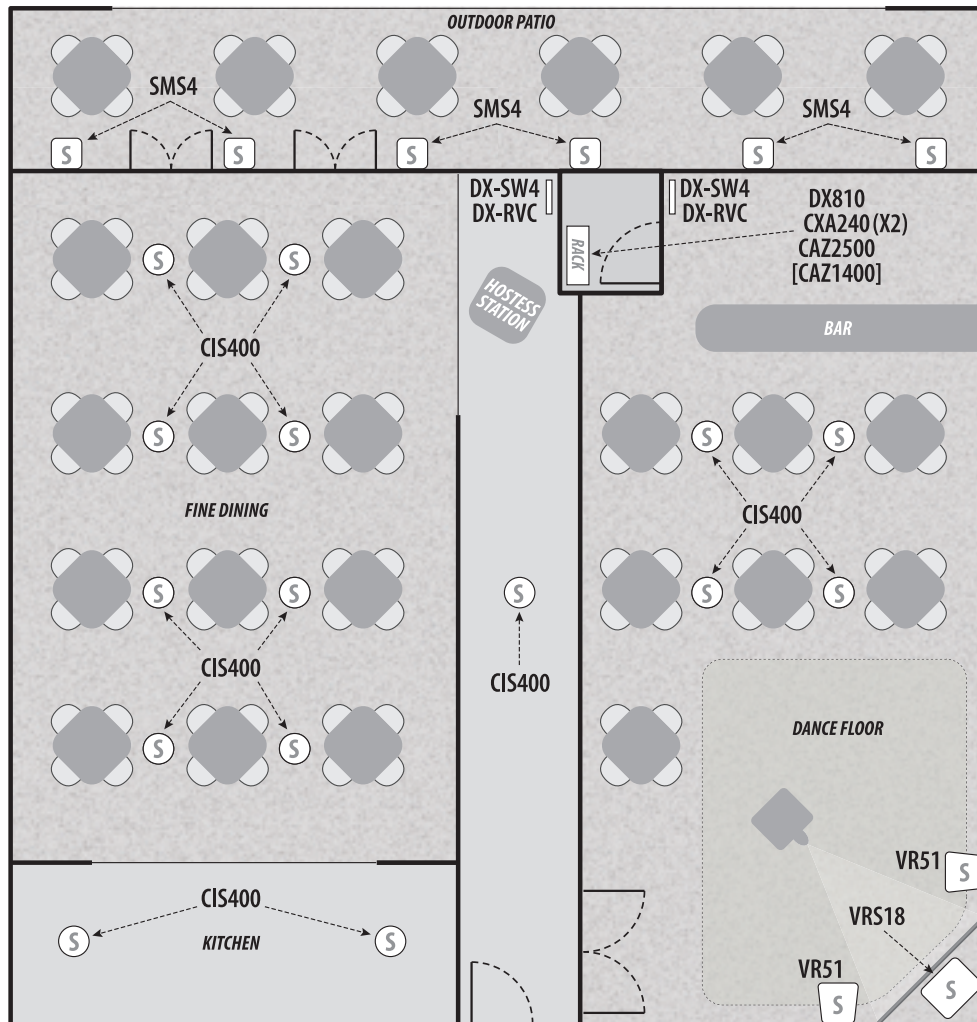




# Restaurant / Bar



“Maxx Fine Dining & Entertainment” is a two-zone establishment. The restaurant seating area serves lunch and dinner, while the bar area has meal service, a large screen TV for sports events and karaoke, and facilities for Friday/Saturday dancing to DJs. The restaurant needs high-quality background music, while the bar sometimes gets quite loud. Emergency voice paging is required in both sections, and since “Maxx” can get quite busy at time, the seating station needs a mic with an override switch that “ducks” the music so that diners waiting to be seated can hear their names clearly.

Since we have just two zones to cover, the DX8 Digital Matrix Mixer can provide all the “brainpower” we need, mixing satellite radio, cassette, CD or MP3 sources as well as the reservation desk podium mic. Volume levels in the bar and restaurant can be adjusted with separate DX-RVC controls behind the bar and at the seating station. The DX8 allows us to program up to 16 presets for common situations such as Weekday Lunch or Dinner, Sports, DJ or Karaoke: these are selected at the bar or seating station using the DX-SW4.

The CXA240 amplifier and the DX8 are connected to a 24V backup battery to deliver emergency paging in the event of a power failure. Most of the loudspeakers are CIS400 Ceiling Speakers, since Maxx’s has a drop-tile ceiling over much of the areas that need sound reinforcement. In a few spots, there was too much plumbing above the ceiling already, so we have mounted SMS4 surface mount speakers on the walls. The presets include EQ curves for soft background music or louder foreground playback, as required. All the ceiling and surface mount speakers are driven by 70V line: both the CIS400 and the SMS4 have built-in multi-tap transformers for this type of application.

Around the big screen, we’ve installed a pair of VR51’s powered by a CAZ2500. These deliver plenty of power for karaoke, DJ and dancing, Monday Night Football or other sports events. If the bar was more dance-oriented, we could add the VRS18 subwoofer (or perhaps the VRS12 if there is a small stage with space underneath to mount a subwoofer) and a CAZ1400 amp to power it.

