

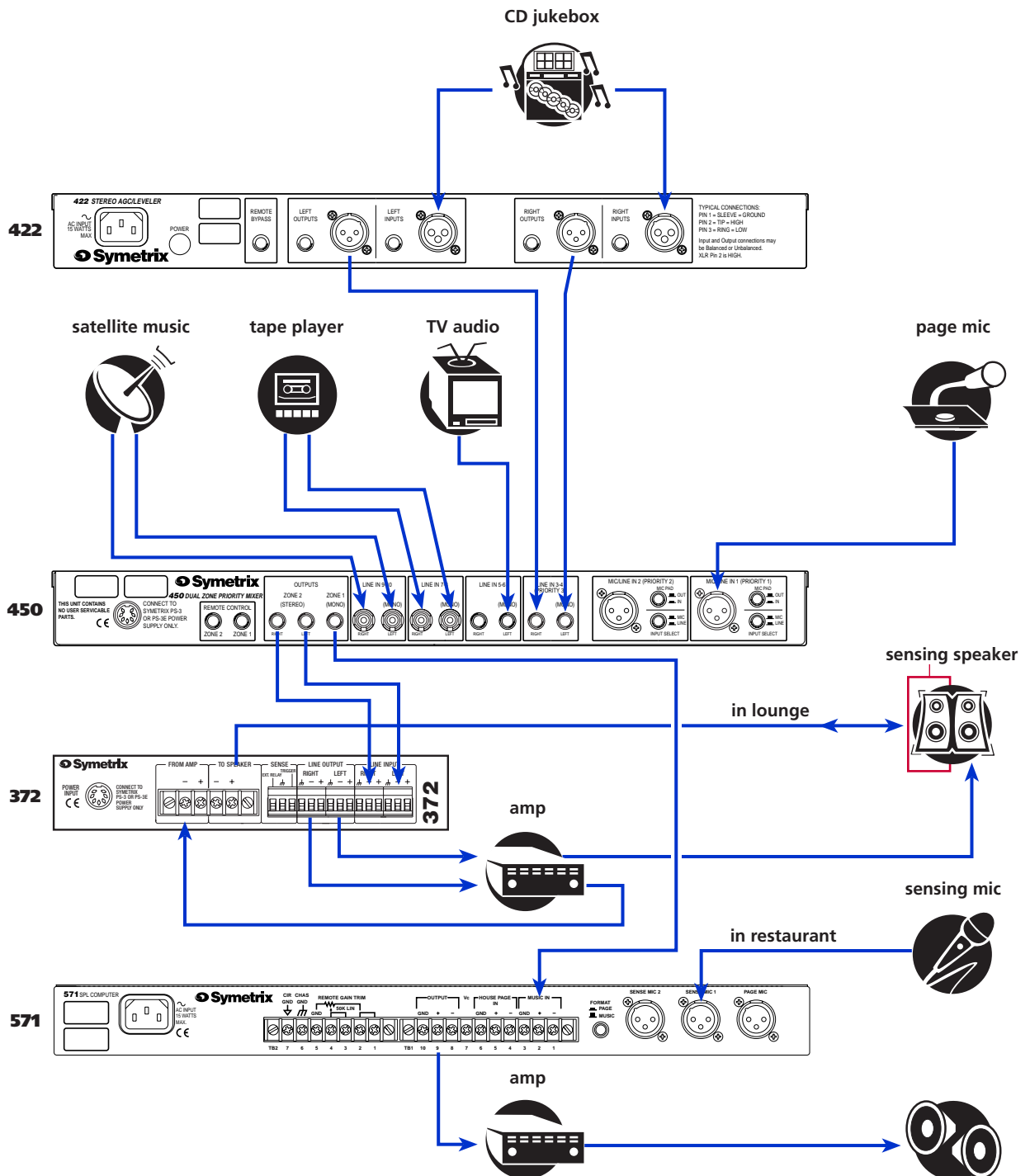


# ENGINEERED SOUND application notes

## Restaurant / Retail

### 2 ZONES of SPL COMPUTERS

- 2 levels of priority ducking: Page mic ducks music heard in lounge, jukebox ducks other music sources.
- Stereo AGC/leveler to maintain consistent output.
- Lounge output in stereo, restaurant output in mono.
- 2 types of ambient noise monitoring: Restaurant uses a sensing mic in the ceiling, lounge uses the speakers of a sound system.





**Symetrix Product**

**Function in Installation**

**Features**

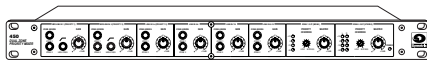
**422 Stereo AGC/Leveler**



Maintains consistent output level regardless of the program source. Smooths system response to varying output levels.

Reduces the variations in playback levels of CDs and foreground music. Keeps the output of the page mic at a consistent level regardless of who is using the mic. Provides peak limiter for peace of mind protection.

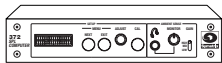
**450 Dual Zone Priority Mixer**



Supplies inputs for up to 2 mono and 4 stereo sources. Offers up to 3 levels of priority ducking for page-over-music and jukebox audio. Provides 2 independent outputs, mono and stereo. Perfect low cost solution for many system requirements.

Each input may be assigned to a stereo output zone, a mono output zone, or both. 2 mono mic/line inputs with +48V phantom power. 4 stereo inputs which may be used as mono. 3 input sources have priority override capability.

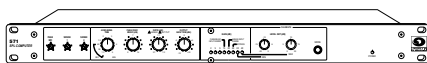
**372 SPL Computer**



Automatically adjusts the levels of the music and page to the ambient level in the zone. Samples the crowd noise by using the speakers of a sound system. Senses during gaps in the audio program.

Samples during absence of page and/or music audio, or at preset levels. Allows ratio adjustment of SPL change to program level change. Provides sense signal monitoring by use of front panel headphone output. Controls mono or stereo signals. Offers simple calibration with step-through menus on the front panel LCD. Enables or disables auto leveling of input signals. Provides gain controls for setting minimum and maximum limits for SPL gain range.

**571 SPL Computer**



Automatically adjusts the sound system of the restaurant to the ambient noise level. Great for installations that require constant audio program. Uses one or more mics to sense and track ambient noise continuously.

Front panel controls allow for a wide range of acoustic environments. Constant or averaged time sensing (1.2 seconds to 5 minutes). 40 dB control range.