



# CCL6

## Two-Way Column Array Loudspeaker



### FEATURES:

- Designed specifically for room with challenging acoustics
- Line array effects create consistent 140° x 25° coverage
- Direct radiating drivers provide extra wide horizontal coverage
- For both permanent and portable installation

### DESCRIPTION:

EAW's CCL6 Column array loudspeaker brings the classic column speaker up to date. Sophisticated frequency shading integrates the 6x 3.75-in woofers and 4x 1.2-in soft dome tweeters, maximizing the benefits of line source coupling while eliminating grading lobes.

The system maintains a well behaved nominal vertical coverage pattern of 25° to below 630Hz. At the same time, the drivers act as direct radiators in the horizontal plane, giving the system an extra wide 140° horizontal coverage pattern with response that meets professional standards for fidelity and intelligibility. The internal passive crossover/filter network uses complex, asymmetrical slopes to integrate the subsystems and goes beyond merely dividing the signal to perform critical equalization functions.

### SPECIFICATIONS

#### CONFIGURATION

|                 |                                |                                   |
|-----------------|--------------------------------|-----------------------------------|
| Subsystem:      | <i>Transducer</i>              | <i>Loading</i>                    |
|                 | LF 6x 3.75 in cone             | Slot                              |
|                 | HF 4x 1.2 in soft dome tweeter |                                   |
| Operating Mode: | <i>Amplifier Channels</i>      | <i>External Signal Processing</i> |
|                 | Single-amp LF/HF               | HPF                               |

#### PERFORMANCE

|   |                                  |                |
|---|----------------------------------|----------------|
| Operating Range:                                      | 100 Hz to 20 kHz                 |                |
| Nominal Beamwidth:                                    | Horz 140°                        |                |
|   | Vert 25°                         |                |
| Axial Sensitivity (whole space SPL):<br>95 dB (1W@1m) |                                  |                |
| Calculated Output (whole space SPL):<br>123 dB (Peak) |                                  |                |
| Input Impedance:                                      | 8 ohms                           |                |
| Power Ratings:  | <i>Continuous</i>                | <i>Program</i> |
|   | 150 W                            | 375 W          |
| Input Taps:   | 70 V: 60 W / 30 W / 15 W / 7.5 W |                |
|   | 100 V: 60 W / 30 W / 15 W        |                |
| Dimensions:   | 598mm(H) x 135mm(W) x 168mm(D)   |                |
| Net Weight:   | 6.76 kg                          |                |
| IP Rating:  | IP54                             |                |
| Color:  | Black                            |                |

### APPLICATIONS

- .. Meeting Rooms
- .. Hotels
- .. Houses of Worship
- .. Boardrooms
- .. Courtrooms
- .. Multizone Paging/Music Systems
- .. Multi-Purpose Facilities

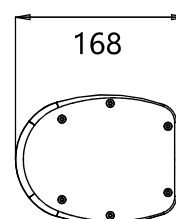
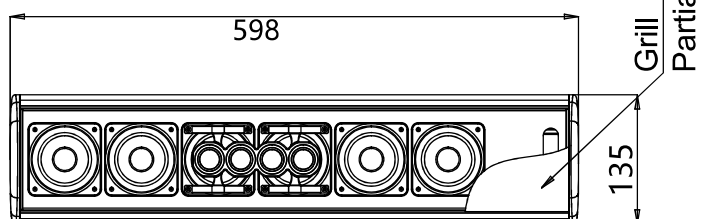
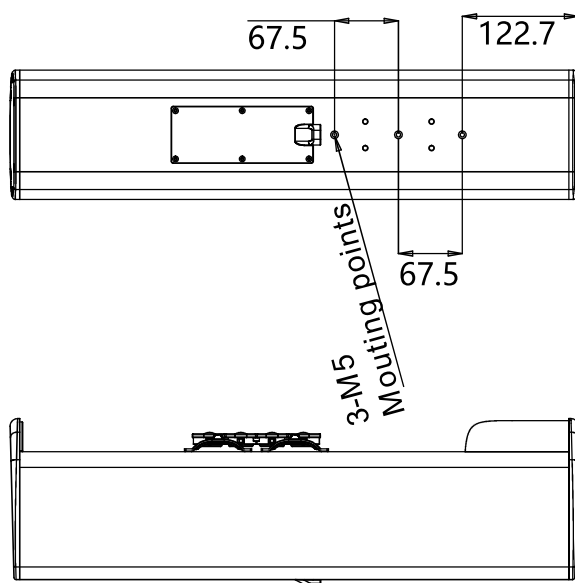
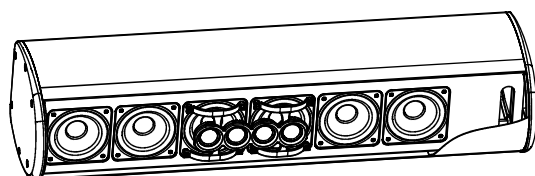



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## ENCLOSURE

|          |  |
|----------|--|
| Material | Polyvinyl chloride                             |
| Finish   | High gloss extruded paintable PVC              |
| Grille   | Powder-coated perforated marine-grade aluminum |



|   |                      |
|---|----------------------|
|  |                      |
| <b>CCL6</b>   |                      |
| Dimensions  | 598 x 135 x 168 (mm) |



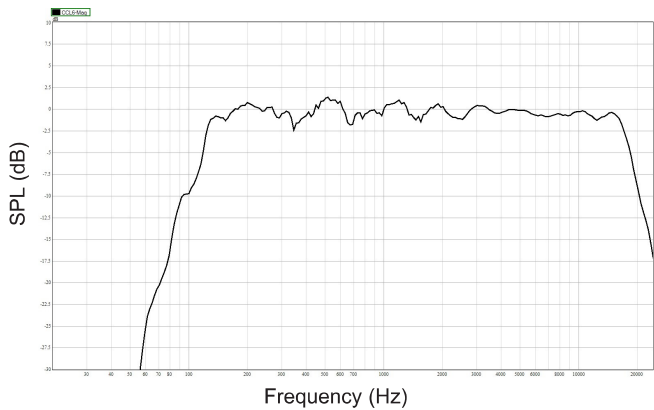
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### PERFORMANCE DATA

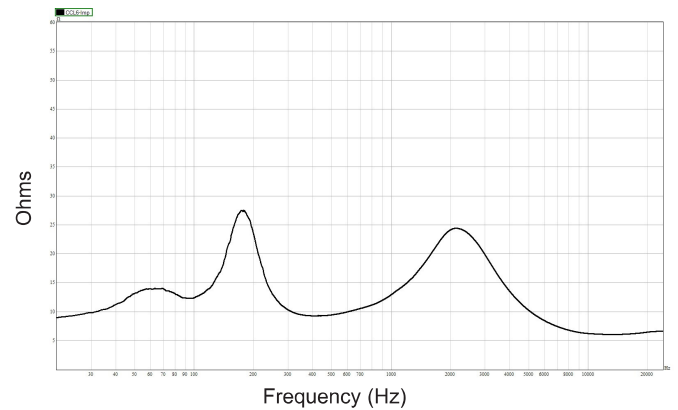
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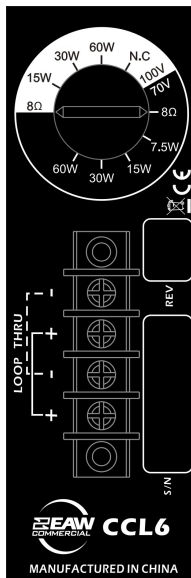


#### Impedance

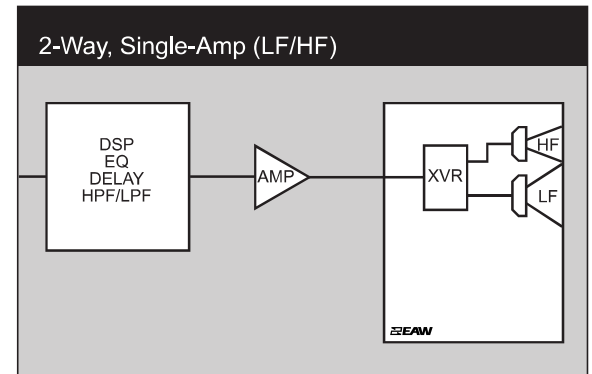
Complete = black



### INPUT PANEL



### SIGNAL DIAGRAM



#### LEGEND

- HPF: High Pass Filter for crossover —or— Recommended High Pass Filter.
- LPF: Low Pass Filter for crossover.
- LF/MF/HF: Low Frequency / Mid Frequency / High Frequency.
- AMP: User Supplied Power Amplifier —or— Integral Amplifier for NT products.
- XVR: Passive LPFs, HPFs, and EQ integral to the loudspeaker.