

# C28 - LOUDSPEAKER



## Surround & Height Channels

### INTRODUCTION

The Procella C28 is a very high power loudspeaker for medium to large size cinema's. The C28 is ideal for overhead and side wall installations in Dolby Atmos® theaters due to it's uniform 90° horizontal and vertical coverage above 1 kHz. The very light enclosure ensures for an easy and safe overhead installation.

### TECHNICAL SPECIFICATIONS

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| <b>Impedance</b>          | 8 ohms nominal                                                   |
| <b>Power Handling</b>     |                                                                  |
| Continuous                | 600W                                                             |
| Peak                      | 1.200W                                                           |
| <b>Frequency Response</b> |                                                                  |
| -3dB                      | 60Hz and 20Hz                                                    |
| <b>Maximum SPL</b>        |                                                                  |
| Freestanding              | 127dB continuous 133dB peak                                      |
| <b>Dispersion Pattern</b> |                                                                  |
| -6dB                      | 90° circular, constant directivity from 1.0kHz                   |
| <b>Sensitivity</b>        |                                                                  |
| 1m/1W                     | 99dB                                                             |
| <b>Crossover</b>          | 2nd Order Linkwitz-Riley @ 1.4kHz                                |
| <b>Construction</b>       | Void free MDF internally cross braced painted black matte finish |

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Components</b>   |                                                                                                                        |
| Midrange            | 2 x 8" Neodymium high output drivers with 2" voice coils in a sealed enclosure                                         |
| High Frequency      | 1" compression driver with 1.5" voice coil and Polymer diaphragm on a Axial symmetrical constant directivity waveguide |
| <b>Connectivity</b> | Gold plated large diameter binding posts<br>Back of cabinet location                                                   |
| <b>Mounting</b>     | Integral M6 threaded inserts provided on enclosure sides; 5" x 2.75" pattern on back baffle                            |
| <b>Dimensions</b>   | 700 x 280 x 180 mm<br>27,6" x 11" x 7.1"                                                                               |
| <b>Net Weight</b>   | 16 Kg / 35,3 Lbs                                                                                                       |
| <b>Assembly</b>     | Belgium; 100% QC testing                                                                                               |

