



# Smart pi EDC

The Smart pi EDC is a partnership with EDC Acoustics to integrate EDC's Plane Array™ technology which allows systems the ability to create 3D wave fronts.

Each speaker is capable of vertical and/or horizontal steering as well as customisable wave shaping, allowing re-configurable pattern control to suit any venue or area further increasing speech intelligibility in difficult acoustic environments.

## Features

- EDC Plane Array Technology
- Digitally steerable via software
- High directivity to minimise environmental noise spill and acoustic control
- Weatherproof designed for outdoor use
- Can be mounted horizontally or vertically
- High SPL with onboard power amplifiers and DSP
- Uses industry standard, Dante, OCA/AES70 on Fibre or Ethernet connections
- Three sizes available



## CS-30



### Specifications:

**HF:** 27x High Frequency Transducers  
**LF:** 3x Low Frequency Transducers  
**HF Power:** 27x 30W Amplifiers  
**LF Power:** 3x 200W Amplifiers  
**Total Amplification:** 1,410W  
**Frequency Response(0dB,-3dB):** 100Hz-20kHz  
**Peak SPL:** Configuration Dependent  
**Array-ability:** Both Horizontal and Vertical  
**Arrayed Horizontal Dispersion:** User Configurable (0 -120 degrees)  
**Arrayed Vertical Dispersion:** User Configurable (0 -120 degrees)  
**Arrayed Pan Control:** +60 to -60 degrees, 0.1 degree resolution  
**Arrayed Tilt Control:** +60 to -60 degrees, 0.1 degree resolution  
**Other Control:** Symmetrical and Non-Symmetrical 3-Dimensional Wavefront Capable  
**DSP Processing:** Input Parametric EQ, Input Mixing, Input Dynamics, Output FIR Filters with Auto-Calculation, Output Delay, Output Muting, Output Levels, Output Mute  
**Control:** OCA/AES70 on IP with RJ45 and/or SFP  
**Connections:** Dante on RJ45 and/or SFP  
**Dimensions:** 14cm (Wide), 43cm (Tall), 34cm (Deep)  
**Weight:** 12kg  
**Mains Voltage:** 110-255V AC or 24-48V DC  
**Power Consumption:** 620VA  
**Options:** Weatherproof, U Bracket, Custom Colors

## CS-60



### Specifications:

**HF:** 54x High Frequency Transducers  
**LF:** 6x Low Frequency Transducers  
**HF Power:** 54x 30W Amplifiers  
**LF Power:** 6x 200W Amplifiers  
**Total Amplification:** 2,820W  
**Frequency Response(0dB,-3dB):** 100Hz-20kHz  
**Peak SPL:** Configuration Dependent  
**Array-ability:** Both Horizontal and Vertical  
**Arrayed Horizontal Dispersion:** User Configurable (0 -120 degrees)  
**Arrayed Vertical Dispersion:** User Configurable (0 -120 degrees)  
**Arrayed Pan Control:** +60 to -60 degrees, 0.1 degree resolution  
**Arrayed Tilt Control:** +60 to -60 degrees, 0.1 degree resolution  
**Other Control:** Symmetrical and Non-Symmetrical 3-Dimensional Wavefront Capable  
**DSP Processing:** Input Parametric EQ, Input Mixing, Input Dynamics, Output FIR Filters with Auto-Calculation, Output Delay, Output Muting, Output Levels, Output Mute  
**Control:** OCA/AES70 on IP with RJ45 and/or SFP  
**Connections:** Dante on RJ45 and/or SFP  
**Dimensions:** 14cm (Wide), 86cm (Tall), 34cm (Deep)  
**Weight:** 24kg  
**Mains Voltage:** 110-255V AC or 24-48V DC  
**Power Consumption:** 1,220VA  
**Options:** Weatherproof, U Bracket, Custom Colors

## CS-90



### Specifications:

**HF:** 81x High Frequency Transducers

**LF:** 9x Low Frequency Transducers

**HF Power:** 81x 30W Amplifiers

**LF Power:** 9x 200W Amplifiers

**Total Amplification:** 4,230W

**Frequency Response(0dB,-3dB):** 100Hz-20kHz

**Peak SPL:** Configuration Dependent

**Array-ability:** Both Horizontal and Vertical

**Arrayed Horizontal Dispersion:** User Configurable (0 -120 degrees)

**Arrayed Vertical Dispersion:** User Configurable (0 -120 degrees)

**Arrayed Pan Control:** +60 to -6 degrees, 0.1 degree resolution

**Arrayed Tilt Control:** +60 to -60 degrees, 0.1 degree resolution

**Other Control:** Symmetrical and Non-Symmetrical 3-Dimensional Wavefront Capable

**DSP Processing:** Input Parametric EQ, Input Mixing, Input Dynamics, Output FIR Filters with Auto-Calculation, Output Delay, Output Muting, Output Levels, Output Mute

**Control:** OCA/AES70 on IP with RJ45 and/or SFPt

**Connections:** Dante on RJ45 and/or SFP

**Dimensions:** 14cm (Wide), 129cm (Tall), 34cm (Deep)

**Weight:** 36kg

**Mains Voltage:** 110-255V AC or 24-48V DC

**Power Consumption:** 1,220VA

**Options:** Weatherproof, U Bracket, Custom Colors