

**E Series:** Compact Multipurpose Loudspeakers

E series

**DESCRIPTION**

Tecnaire introduces the new E Series affordable loudspeakers that provide excellent performance and are designed for use in a variety of applications. These highly versatile installation loudspeakers maintain their remarkable sonic signatur even at high output levels.

All models are equipped with multiple M6, M8 and M10 attachment points and additional installation-friendly features and utilize a rugged grille design and system appearance suitable for nearly all indoor environments

The line will include optionaly U-brackets, ceiling brackets and a wall mount bracket accessory for all full-range models.



These new low-cost systems are a perfect choice for projects including bars, restaurants, clubs, lounges, worship facilities, gymnasiums, retail spaces, and education facilities because has been designed to the same demanding standard as our professional touring systems. Their compact size provides opportunities for system designers to satisfy most architectural requirements.



**MAIN APPLICATIONS**

- KTV
- Dance clubs
- AV Installations
- Cooperative events
- Conference halls
- Place of Worship

**MAIN FEATURES**

- Compact cabinet
- Powered or passive versions
- Rugged Birch plywood construction
- Environmentally-friendly finish
- Perfectly tuned passive crossover network



<b>Frequency Response</b>	70Hz-18kHz	80Hz-18kHz	50Hz-20kHz	50Hz-20kHz	45Hz-16kHz
<b>Components</b>	1x6.5"+1x1" Tweeter	1x8"+1 x paper cone tweeter	1x10"+1x1" on CD Horn	1x12"+1x1" on CD Horn	1x15"+1x1.4" on CD Horn
<b>Nominal Dispersion</b>	135°H x 125°V	130°H x 130°V	120°H x 100°V	120°H x 80°V	120°H x 80°V
<b>Impedance (Ω)</b>	16 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
<b>Axial Sensitivity</b>	88dB (1w/1m)	90dB (1w/1m)	91dB (1w/1m)	93dB (1w/1m)	95dB (1w/1m)
<b>Calculate SPL</b>	107dB(cont)/113dB(peak)	110dB (cont)/116dB(peak)	114dB (cont)/120dB(peak)	116dB (cont)/122dB(peak)	120dB (cont)/126dB(peak)
<b>Power Handling<sup>1</sup></b>	80W(AES)/160W(cont)	120W(AES)/240W(cont)	240W(AES)/480W(cont)	320W(AES)/640W(cont)	400W(AES)/800W(cont)
<b>Dimensions (HxWxD)</b>	313 x 205 x 212 (mm) 12.32 x 8.07 x 8.34 (inch)	381 x 249 x 269 (mm) 15 x 9.80 x 10.59 (inch)	550 x 298 x 342 (mm) 21.65 x 11.73 x 13.46 (inch)	606 x 357 x 404 (mm) 23.85 x 14.05 x 15.9 (inch)	680 x 452 x 512 (mm) 26.77 x 17.79 x 20.15 (inch)
<b>Net Weight (kg/Pounds)</b>	5,5 (kg) / 12.12 (lbs)	7,1 (kg) / 15.65(lbs)	13,6 (kg) / 29.98(lbs)	21 (kg) / 46.29(lbs)	32 (kg) / 70.54(lbs)

**Construction** 16mm birch plywood. Finished in black paint. Two recessed carrying handles (Except E6).

**Grille** Powder coated perforated steel with acoustically transparent reticulated foam.

**Model** **E6** **E8** **E10** **E12** **E15**



<b>Frequency Response</b>	45Hz-500Hz	43Hz-130Hz	38Hz-150Hz
<b>Components</b>	1x10"	1x15"	1x18"
<b>Nominal Dispersion</b>	360°	120°H x 120°V	360°
<b>Impedance (Ω)</b>	8 Ohm	8 Ohm	8 Ohm
<b>Axial Sensitivity</b>	94dB (1w/1m)	95dB (1w/1m)	96dB (1w/1m)
<b>Calculate SPL</b>	115dB(cont)/121dB(peak)	121dB (cont)/127dB(peak)	123dB (cont)/129dB(peak)
<b>Power Handling<sup>1</sup></b>	250W(AES)/500W(cont)	500W(AES)/1000W(cont)	600W(AES)/1200W(cont)
<b>Dimensions (HxWxD)</b>	310 x 398 x 350 (mm) 12.20 x 15.70 x 13.78 (inch)	724 x 402 x 705 (mm) 28.50 x 15.82 x 27.26 (inch)	605 x 590 x 711 (mm) 23.81 x 23.23 x 27.99 (inch)
<b>Net Weight (kg/Pounds)</b>	9,6 (kg) / 21.16 (lbs)	37 (kg) / 81.57(lbs)	41,6 (kg) / 91.71(lbs)

**Construction** 16mm birch plywood. Finished in black paint. Multiple recessed carrying

**Grille** Powder coated perforated steel with acoustically transparent reticulated foam.

**Model** **ESW-110** **ESW-115** **ESW-118**

Notes 1: Based on a 2 hours tes applying 6dB crest factor pink noise signal within the range Fs-10Fs (AES2-1984).