

E Series: Compact Multipurpose Loudspeakers

DESCRIPTION

Tecna 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 signature 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 optional 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.



E series



MAIN APPLICATIONS

- KTV
- Dance clubs
- AV Installations
- Corporate 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



Frequency Response	70Hz-18kHz	80Hz-18kHz	50Hz-20kHz	50Hz-20kHz	45Hz-16kHz
Components	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
Nominal Dispersion	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
Impedance (Ω)	16 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
Axial Sensitivity	88dB (1w/1m)	90dB (1w/1m)	91dB (1w/1m)	93dB (1w/1m)	95dB (1w/1m)
Calculate SPL	107dB(cont)/113dB(peak)	110dB (cont)/116dB(peak)	114dB (cont)/120dB(peak)	116dB (cont)/122dB(peak)	120dB (cont)/126dB(peak)
Power Handling¹	80W(AES)/160W(cont)	120W(AES)/240W(cont)	240W(AES)/480W(cont)	320W(AES)/640W(cont)	400W(AES)/800W(cont)
Dimmensions (HxWxD)	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)
Net Weight (kg/Pounds)	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



Frequency Response	45Hz-500Hz	43Hz-130Hz	38Hz-150Hz
Components	1x10"	1x15"	1x18"
Nominal Dispersion	360°	120°H x 120°V	360°
Impedance (Ω)	8 Ohm	8 Ohm	8 Ohm
Axial Sensitivity	94dB (1w/1m)	95dB (1w/1m)	96dB (1w/1m)
Calculate SPL	115dB(cont)/121dB(peak)	121dB (cont)/127dB(peak)	123dB (cont)/129dB(peak)
Power Handling¹	250W(AES)/500W(cont)	500W(AES)/1000W(cont)	600W(AES)/1200W(cont)
Dimmensions (HxWxD)	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)
Net Weight (kg/Pounds)	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).