

ES series

ALL-WEATHER MULTI-PURPOSE SPEAKER



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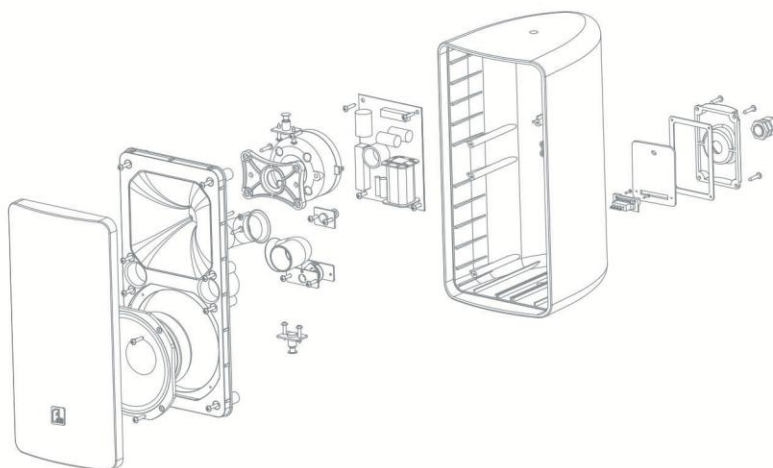
The ES series is a group of all-weather small-sized speaker. The product design gives priority to waterproof, dustproof, windproof and anti-UV aging, the unit is specially made and treated, the cabinet is formed by engineering plastic mold with three-layer of different materials composite grille. The product meets the IP46 standard(the fixed angle between front face and horizontal planes $\leq 90^\circ$), the exposed metal parts are sprayed with stainless steel or aluminum, and the mounting bracket is sprayed with low-carbon steel to meet the all-weather use. The version can be customized to adapt to the marine environment(the mounting bracket is upgraded to 316 stainless steel). The audio transformer and band switch are designed to achieve a variety of different output powers including constant resistance.

FEATURES

- Passed IP46 testing
- Polymer mold forming box
- Three-layer of different materials composite grille
- Multiple models and colors to meet outdoor sound reinforcement.

APPLICATIONS

- All-weather outdoor sound reinforcement
- Cultural tourism projects
- Conference rooms, multi-purpose halls
- Restaurants, coffee bars, boutiques





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ES series Multi-Purpose Speaker

Two-way Full-range Loudspeaker System



MODEL	ES104B/ES104W	ES104BT/ES104WT	ES106B/ES106W	ES106BT/ES106WT	ES108B/ES108W	ES108BT/ES108WT
FREQUENCY RESPONSE(-3dB)	75Hz-20kHz	75Hz-20kHz	60Hz-18kHz	60Hz-18kHz	60Hz-18kHz	60Hz-18kHz
FREQUENCY RESPONSE(-10dB)	70Hz-20kHz	70Hz-20kHz	55Hz-20kHz	55Hz-20kHz	55Hz-20kHz	55Hz-20kHz
LF DRIVER	1×4"	1×4"	1×6"	1×6"	1×8"	1×8"
	1"voice coil	1"voice coil	1.5"voice coil	1.5"voice coil	2"voice coil	2"voice coil
HF DRIVER	1×0.8"	1×0.8"	1×1"	1×1"	1×1"	1×1"
	dome tweeter	dome tweeter	1"voice coil	1"voice coil	1"voice coil	1"voice coil
INPUT VOLTAGE	--	100V	--	100V	--	100V
RATED POWER	40W RMS	10W/20W/40W	80W RMS	20W/40W/80W	150W RMS	37.5W/75W/150W
	160W peak	OFF/16Ω 40W	320W peak	OFF/16Ω 80W	600W peak	OFF/16Ω 150W
SENSITIVITY(1watt/1meter)	88dB 1watt/1 metre	88dB 1watt/1 metre	89dB 1watt/1 metre	89dB 1watt/1 metre	94dB 1watt/1 metre	94dB 1watt/1 metre
MAXIMUM SPL	104dB continuous	104dB continuous	108dB continuous	108dB continuous	116dB continuous	116dB continuous
	110dB peak	110dB peak	114dB peak	114dB peak	122dB peak	122dB peak
IMPEDANCE	16 ohms	16 ohms	16 ohms	16 ohms	16 ohms	16 ohms
DISPERSION(-6dB)	120°×90°	120°×90°	90°×60°	90°×60°	90°×50°	90°×50°
CROSSOVER FREQUENCIES	3.5kHz	3.5kHz	2.4kHz	2.4kHz	2.3kHz	2.3kHz
INPUT CONNECTORS	covered barrier	covered barrier	covered barrier	covered barrier	covered barrier	covered barrier
	strip terminals	strip terminals	strip terminals	strip terminals	strip terminals	strip terminals
PACKAGE SIZE	412×192×271mm(1Pair)	412×192×271mm(1Pair)	528×222×415mm(1 pair)	528×222×415mm(1 pair)	352×292×505mm	352×292×505mm
NET WEIGHT	2 kg/pc	3 kg/pc	5 kg/pc	6 kg/pc	9 kg/pc	10 kg/pc
GROSS WEIGHT	6 kg/pair	7 kg/pair	15 kg/pair	16 kg/pair	11 kg/pc	12 kg/pc

