

Features

- Engineered for the most demanding club, lounge, DJ, and live installations
- Custom high BL long-throw woofers and pure titanium tweeters deliver lucid highs and stunning bass response
- Die-Cast aluminum woofer frames for low distortion and stability at high SPL
- 3" and 4" woofer voice coils
- 15mm Birch Plywood construction fortified with stabilization bracing system
- 3-layer scratchproof paint
- Custom tuned Linkwitz–Riley Crossover with dual bulb HF protection
- Integrated handles for excellent portability
- 45° Floor monitor position for two-way models
- Dual-Angle (0° or -8°) 35mm pole mounts for extended range
- 12 X M8 installation suspension points
- Two casters (wheels) on ClubX 215

Overview

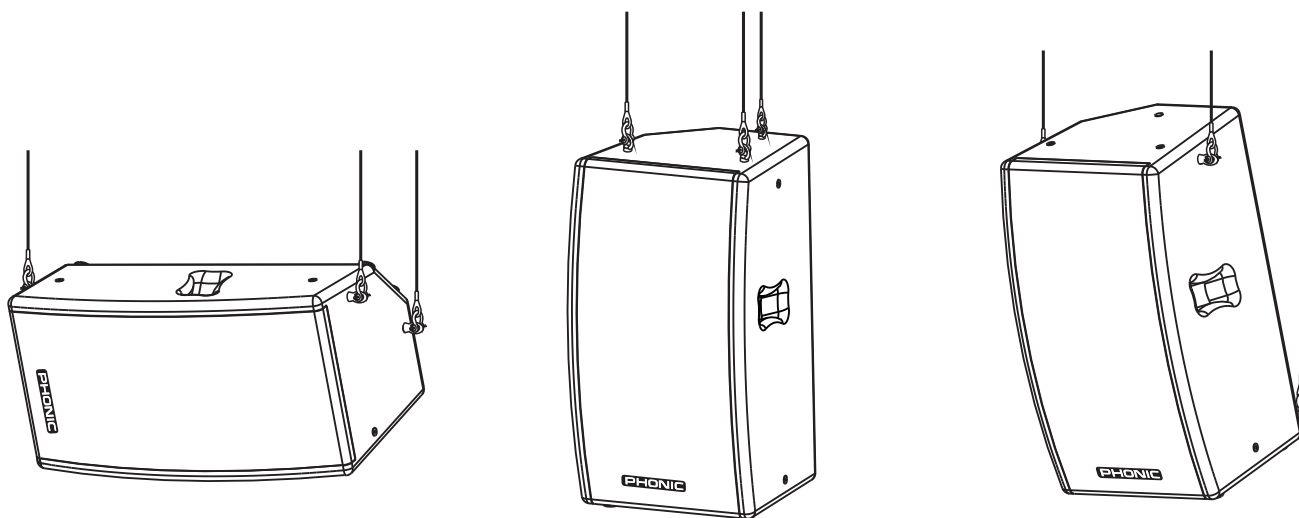
Phonic's ClubX speaker line is exquisitely engineered for the consummate audio professional: The systems installer for the most demanding club, restaurant, bars and other live venues. The ClubX achieves its incredibly transparent sound and powerfully rich bass by using premium components including cast aluminum baskets, 1.5" to 4" flatwire voice coils, and 1" or 1.75" titanium membranes. Each ClubX component was designed from scratch to

ensure that the unit performs in perfect harmony, rather than the sum of random parts. The ClubX's topnotch components also enable it to operate with poise at extraordinary high SPL. ClubX power ratings are certified using IEC 268-5 rating system so users can operate at high power levels without speaker failure. The ClubX enclosures are also highly durable – constructed with top-grade 15mm birch plywood, fortified with internal bracings, and shielded by three layers of rock-like scratch proof paint. Finally, the ClubX's twelve M8 suspension points, dual-angle pole mounts, rotatable 90° x 60° horn, and ergonomically placed handles give the series versatility for installation and portability. So if you're looking for incredible sound quality, installation versatility, and portability for the most demanding club, lounge, DJ, and live venues, the ClubX is set to deliver in spades!

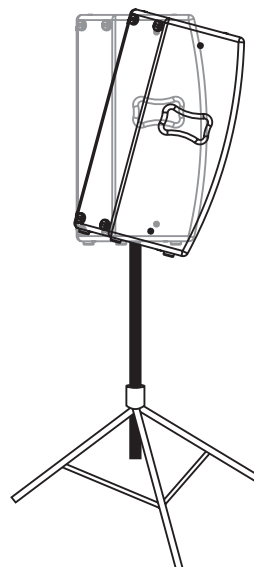
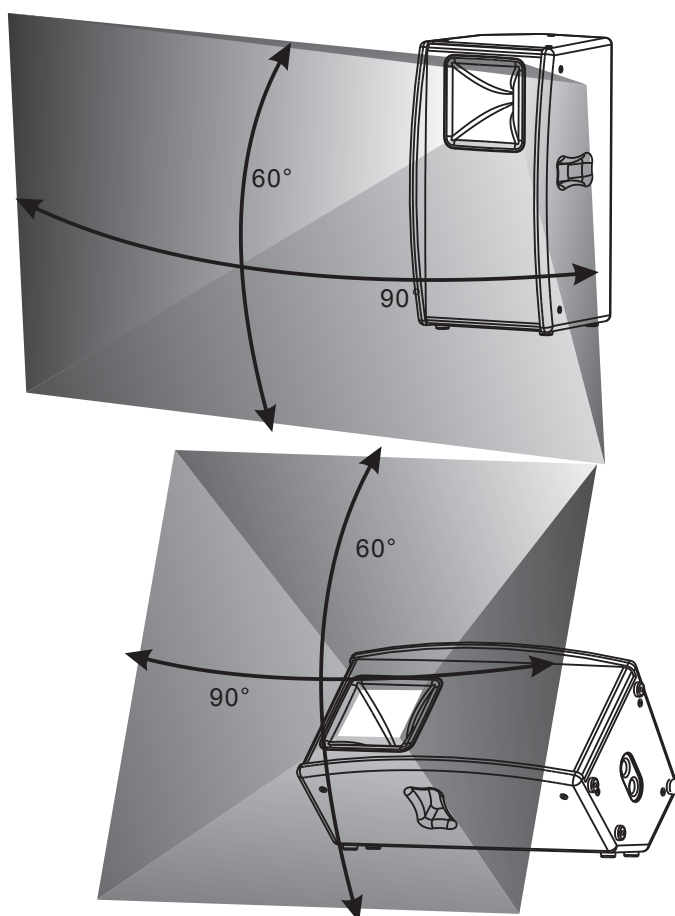
IEC 268-5 Power Rating

Pro audio companies are notorious for the games played with power ratings. You've probably seen them all – "Musical Peak," "Peak Program," or even crazier, no labels at all! These tricks are responsible for thousands of blown speakers each year. At Phonic, we put our speakers through the International Electrotechnical Commission's (IEC) power test. When Phonic rates a speaker's RMS power handling, we put it through a grueling 12 hour test using IEC's mandated pink noise signal - the most rigorous rating standard in the industry. IEC 268-5 calls for a filtered pink noise signal with a 6dB crest factor. For instance, a ClubX 12 speaker rated at 400W IEC RMS means that the speaker can handle 800W of musical playback and 1600W of peak signal. As a general rule, you should pair a speaker with an amp that can deliver 1.6X-2.0X the IEC power rating of the speaker. So for the ClubX 12, an ideal amplifier would be rated between 750W-800W per channel at 8 ohms.

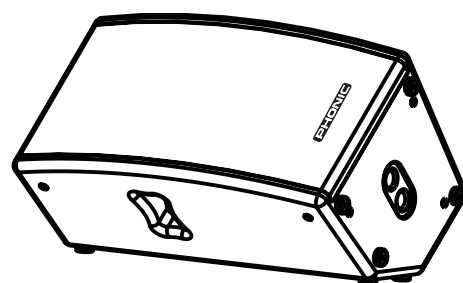
Versatile installation suspension options



Rotatable 90° X 60° constant directivity horns

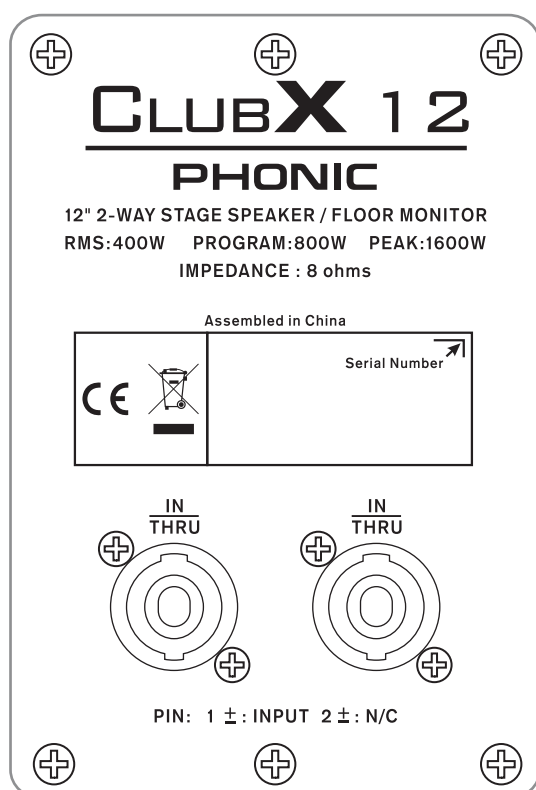


8° downtilt
option for extended
sound projection

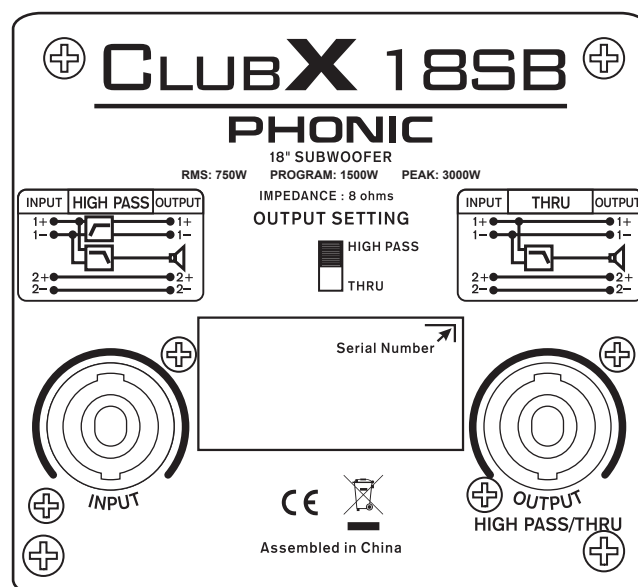


45° Floor monitor position

Backplate Diagram



Backplate for 2-way models
(ClubX 8, 10, 12, 15, 215)



Backplate for subwoofer
(ClubX18SB)

Specifications

	ClubX 8	ClubX 10	ClubX 12	ClubX 15	ClubX 215	ClubX 18SB
System Type	8" 2-Way Stage Speaker and Floor Monitor	10" 2-Way Stage Speaker and Floor Monitor	12" 2-Way Stage Speaker and Floor Monitor	15" 2-Way Stage Speaker and Floor Monitor	Dual 15" 2-Way Stage Speaker	18" Subwoofer
Frequency Response (+/-3dB)	89Hz-20kHz	70-20kHz	57Hz-20kHz	50Hz-20kHz	40Hz-20kHz	35Hz-150Hz
System Impedance	8Ω	8Ω	8Ω	8Ω	4Ω	8Ω
Power Handling (RMS IEC 268-5)	225 W	325 W	400 W	425 W	850 W	750 W
Power Handling (Music)	450 W	650 W	800 W	850 W	1700 W	1500 W
Power Handling (Peak)	900 W	1300 W	1600 W	1700 W	3400 W	3000 W
Dispersion Angle	90°x60° Rotatable Horn	90°x60° Rotatable Horn	90°x60° Rotatable Horn	90°x60° Rotatable Horn	90°x60° Rotatable Horn	-
Sensitivity 1W@1M	97dB	97dB	98dB	99dB	101dB	99dB
LF Driver	8"	10"	12"	15"	Dual 15"	18" Subwoofer
LF Voice Coil Diameter	1.5"	2.5"	3"	3"	3"	4"
HF Driver	1" Titanium Compression	1" Titanium Compression	1.75" Titanium Compression	1.75" Titanium Compression	1.75" Titanium Compression	-
Crossover	Custom Tuned Crossover	Custom Tuned Crossover	Custom Tuned Crossover	Custom Tuned Crossover	Custom Tuned Crossover	Custom Tuned Crossover
External Finish	Three-layer Scratchproof Paint	Three-layer Scratchproof Paint	Three-layer Scratchproof Paint	Three-layer Scratchproof Paint	Three-layer Scratchproof Paint	Three-layer Scratchproof Paint
Enclosure	15mm Birch Plywood	15mm Birch Plywood	15mm Birch Plywood	15mm Birch Plywood	15mm Birch Plywood	15mm Birch Plywood
Flypoints / Casters	12 M8 points	12 M8 points	12 M8 points	12 M8 points	2 Casters (Wheels)	-
Handles	Integrated handle	Integrated handle	Integrated 2 side handles	Integrated 2 side handles	2 Integrated handles and top metal handle	2 Integrated handles
Grille	Powder coated 18 gauge steel with acoustically transparent foam	Powder coated 18 gauge steel with acoustically transparent foam	Powder coated 18 gauge steel with acoustically transparent foam	Powder coated 18 gauge steel with acoustically transparent foam	Powder coated 18 gauge steel with acoustically transparent foam	Powder coated 18 gauge steel with acoustically transparent foam
Pole mount	35mm Dual-Angle (0° or -8°)	35mm Dual-Angle (0° or -8°)	35mm Dual-Angle (0° or -8°)	35mm Dual-Angle (0° or -8°)	None	35mm pole mount
Dimensions	450 x 285 x 275 mm (17.7" x 11.2" x 10.8")	510 x 320 x 325 mm (20.1" x 12.6" x 12.8")	620 x 387 x 365 mm (24.4" x 15.3" x 14.4")	770 x 530 x 490 mm (30.3" x 20.9" x 19.3")	1200 x 520 x 456 mm (47.2" x 20.5" x 18.0")	642 x 522 x 655 mm (25.3" x 20.6" x 25.8")
Weight	10 kg (22 lbs)	12.2 kg (26.9 lbs)	21.5 kg (47.3 lbs)	26 kg (57.3 lbs)	48 kg (105.8 lbs)	40 kg (88.1 lbs)