

# ENCORE

SERIES

LIVE SOUND - PORTABLE / INSTALL SYSTEMS

Let there be



SINCE 1979

The ENCORE Series comprises of two-way full-range speakers and subwoofer models offering a flexible set of performance options and discreet solutions for sound reinforcement. Employing the best in Italian compression drivers and woofers, ENCORE loudspeakers perform louder and longer with less stress on system components.

ENCORE provides high output, smooth natural response and controlled coverage with an unmatched combination of functional good looks and compact design. The HF horns of the ENCORE EM12 and EM15 are rotatable for easy horizontal mounting and for monitor applications.

ENCORE systems are suitable for small to medium-sized live sound applications, auditorium, houses of worship, club sound and various installations. ENCORE speaker systems ease of set-up and transport makes them the most valuable portable speaker series available.

## PORTABLE PROFESSIONAL PURE SOUND

### ENCORE FULL RANGE **EM12**

#### 1X12 INCH LF + 1 INCH HF 2 WAY FULL-RANGE LOUDSPEAKER

##### ■ FEATURES

- 400W continuous, 1600W peak power handling.
- Passive 2-Way high-output full-range.
- Italian (B&C) 1 inch exit HF compression driver with HF protection.
- Italian (B&C) 12 inch LF transducer with weather protected cone.
- Unique rotatable 60° x 40° constant-directivity horn.



### ENCORE FULL RANGE **EM15**

#### 1X15 INCH LF + 1 INCH HF 2 WAY FULL-RANGE LOUDSPEAKER

##### ■ FEATURES

- 600W continuous, 2000W peak power handling.
- Passive 2-Way High-Output Full-range.
- Italian (B&C) 1 inch exit titanium HF driver with HF protection.
- Italian (B&C) 15 inch LF transducer with weather protected cone.
- Unique rotatable 60° x 40° constant-directivity horn.



### ENCORE FULL RANGE **EM15 HP**

#### 1X15 INCH LF + 1 INCH HF 2 WAY FULL-RANGE LOUDSPEAKER

##### ■ FEATURES

- 1000W continuous, 3600W peak power handling.
- Compact multipurpose design.
- Passive 2 way very high-output full range.
- Italian (B&C) 1.4 inch exit compression driver for high power and performance.
- Italian (B&C) 15 inch long excursion high power woofer with weather protected cone.





## ENCORE FULL RANGE **EM25**

### 2X15 INCH LF + 1.4 INCH HF 2 WAY FULL-RANGE LOUDSPEAKER

#### ■ FEATURES

- 1400W continuous, 5600W peak power handling.
- Passive 2-way high-output full-range.
- 1.4 inch exit large format B&C compression driver for high power and performance.
- 2 x15 inch B&C LMF transducer with weather protected cone.
- Vented LF enclosure, solid bass down to 35Hz.

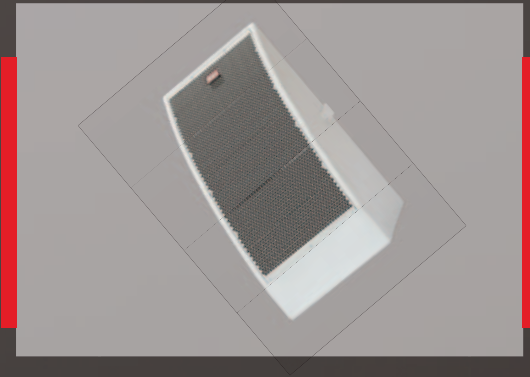


## ENCORE FULL RANGE **E112**

### 1X12 INCH LF + 1 INCH HF 2 WAY FULL-RANGE LOUDSPEAKER

#### ■ FEATURES

- 400W continuous, 1600W peak power handling.
- Passive 2-way high-output full-range.
- Italian (B&C) 1 inch exit HF compression driver with HF protection.
- Italian (B&C) 12 inch LF transducer with weather protected cone.
- Integral M8 threaded points for suspension.



## ENCORE SUBWOOFER **ES15**

### 1X15 INCH COMPACT SUBWOOFER

#### ■ FEATURES

- 600W continuous, 2400W peak power handling.
- Very compact design.
- Pole mount to elevate a two-way loudspeaker.
- Direct radiating vented LF enclosure, solid bass down to 35hz.
- 1x15 inch low distortion Italian (B&C) LF transducer.



## ENCORE SUBWOOFER **ES18**

### 1X18 INCH COMPACT SUBWOOFER

#### ■ FEATURES

- 1000W continuous, 4000W peak power handling.
- Very compact design with two-way very high-output full range.
- Pole mount to elevate a two-way loudspeaker.
- Direct radiating vented LF enclosure, solid bass down to 30hz.
- 1x18 inch low distortion Italian LF transducer with weather protected cone.



## ENCORE SUBWOOFER **ES28**

### 2X18 INCH BASS REFLEX SUBWOOFER

#### ■ FEATURES

- 2000W continuous, 8000W peak power handling.
- Direct radiating vented LF enclosure, solid bass down to 28Hz.
- 2 x 18-inch low distortion Italian LF transducers with weather protected cone.
- Very High SPL coupled with clean and precise low frequency.
- Compact and easy to transport.



# ENCORE

TECHNICAL SPECIFICATIONS	E112	EM12	EM15	EM 15 HP
<b>TYPE</b>	Two-way compact/monitor (full-range)	Two-way Full range /monitor	Two-way compact/monitor (full-range)	Two-way compact (full-range)
<b>FREQUENCY RANGE</b>	50Hz-19kHz	50Hz-18kHz	41Hz-19kHz	39Hz-19kHz
<b>DRIVERS LF</b>	1 x 12 inch reflex-loaded direct radiator	1 x 12 inch reflex-loaded direct radiator	1 x 15 inch reflex-loaded direct radiator	1 x 15 inch reflex-loaded direct radiator
<b>DRIVERS HF</b>	1 x 1 inch exit HF compression driver, horn loaded	1 x 1 inch exit HF compression driver, horn loaded	1 x 1 inch exit HF compression driver, horn loaded	1 x 1.4 inch exit HF compression driver, horn loaded
<b>RATED POWER</b>	400W AES, 1600W peak	400W AES, 1600W peak	600W AES, 2000W peak	1000W AES, 4000W peak
<b>SENSITIVITY</b>	98 dB	98 dB	100dB	98dB
<b>MAXIMUM SPL (CALCULATED @ 1M)</b>	120dB continuous, 126dB peak	120dB continuous, 126dB peak	123dB continuous, 129dB peak	126dB continuous, 132dB peak
<b>NOMINAL IMPEDANCE</b>	8 ohms	8 ohms	8 ohms	8 ohms
<b>DISPERSION (-6db)</b>	Variable	60° horizontal x 40° vertical (Rotatable)	60° horizontal x 40° vertical (Rotatable)	75° horizontal x 50° vertical
<b>CROSSOVER</b>	1.6kHz (Passive)	1.6kHz (Passive)	1.6kHz (Passive)	1.5kHz (Passive)
<b>ENCLOSURE</b>	BWP ply construction	Trapezoid, BWP ply construction	Trapezoid, BWP ply construction	Trapezoid, BWP ply construction
<b>FINISH</b>	Lloyd Lee Co. weather resistant textured paint cover	Lloyd Lee Co. weather resistant textured paint cover	Lloyd Lee Co. weather resistant textured paint cover	Lloyd Lee Co. weather resistant textured paint cover
<b>PROTECTIVE GRILLE</b>	Perforated Steel Powder Coated, 16G.	Perforated Steel Powder Coated, 16G.	Perforated Steel Powder Coated, 16G.	Perforated Steel Powder Coated, 16G.
<b>CONNECTORS</b>	2 x Neutrik NL4	2 x Neutrik NL4	2 x Neutrik NL4	2 x Neutrik NL4
<b>DIMENSIONS</b>	356 mm x 504 mm x 695 mm (WxHxD)	398 mm x 621 mm x 338 mm (WxHxD)	462 mm x 706 mm x 371 mm (WxHxD)	463 mm x 772 mm x 399 mm (WxHxD)
<b>WEIGHT</b>	27kg (Approx)	21kg (Approx)	29kg (Approx)	36kg (Approx)

TECHNICAL SPECIFICATIONS	EM 25	ES 15	ES 18	ES 28
<b>TYPE</b>	Two-way compact (full-range)	Subwoofer	Subwoofer	Subwoofer
<b>FREQUENCY RANGE</b>	39Hz-19kHz	35Hz-120Hz	30Hz-250kHz	28Hz-250kHz
<b>DRIVERS LF</b>	2 x 15 inch reflex-loaded direct radiator	1 x 15 inch reflex-loaded direct radiator	1 x 18 inch reflex-loaded direct radiator	2 x 18 inch reflex-loaded direct radiator
<b>DRIVERS HF</b>	1 x 1.4 inch exit HF compression driver, horn loaded	NA	NA	NA
<b>RATED POWER</b>	1400W AES, 5800W peak	600W AES, 1800W peak	1000W AES, 4000W peak	2000W AES, 8000W peak
<b>SENSITIVITY</b>	101 dB	98 dB	98 dB	101dB
<b>MAXIMUM SPL (CALCULATED @ 1M)</b>	130dB continuous, 136dB peak	120dB continuous, 126dB peak	125dB continuous, 131dB peak	128dB continuous, 134dB peak
<b>NOMINAL IMPEDANCE</b>	4 ohms	8 ohms	8 ohms	4 ohms
<b>DISPERSION (-6db)</b>	70° horizontal x 50° vertical	NA	NA	NA
<b>CROSSOVER</b>	1.5kHz (Passive)	NA	NA	NA
<b>ENCLOSURE</b>	Trapezoid, BWP ply construction	Rectangular, BWP ply construction	Rectangular, BWP ply construction	Rectangular, BWP ply construction
<b>FINISH</b>	Lloyd Lee Co. weather resistant textured paint cover	Lloyd Lee Co. weather resistant textured paint cover	Lloyd Lee Co. weather resistant textured paint cover	Lloyd Lee Co. weather resistant textured paint cover
<b>PROTECTIVE GRILLE</b>	Perforated Steel Powder Coated, 16G.	Perforated Steel Powder Coated, 16G.	Perforated Steel Powder Coated, 16G.	Perforated Steel Powder Coated, 16G.
<b>CONNECTORS</b>	2 x Neutrik NL4	2 x Neutrik NL4	2 x Neutrik NL4	2 x Neutrik NL4
<b>DIMENSIONS</b>	507 mm x 1194 mm x 460 mm (WxHxD)	460 mm x 554 mm x 490 mm (WxHxD)	547 mm x 686 mm x 579 mm (WxHxD)	547 mm x 1080 mm x 697 mm (WxHxD)
<b>WEIGHT</b>	55kg (Approx)	32kg (Approx)	52kg (Approx)	80kg (Approx)

Note: Specifications are subject to change without prior notice.

LLOYD LEE CO.

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