

SM 215

MUSICAL Series

DESCRIPTION

All the loudspeakers in SM series feature an internal crossover network and professional protection circuit. This will free you from the trouble of installing an external crossover driver and it will make a simpler system as well. These loudspeakers are ideal companions for the reinforcement system of band performance. It can also be used for the reinforcement in other occasions such as musical instruments playing, disco, theater, outdoor performance and vocal concert that desire the effect of bass sound effect.

SM 215 is specially designed for applications with wide dynamic range. It works very well for both traveling performance and stationary installment and is suitable for users of versatile purposes. This loudspeaker system guarantees a stable performance and balanced high frequency and low frequency in long-term operation. Its unique double-bass design offers a vigorous bass without any extra sub-woofer. The average power of each loudspeaker is 1200W, this enables it to fit into other system easily.

The low end unit consists of one 15" bass cone and one 4" moving coil of aluminum band coated with copper. The low end has a sensitive response and offers a penetrating sound. When coupled with sub-woofer, it can produce a desired sound effect in applications with wide dynamic range.

The high end makes use of a special compression driver with 1.0" high frequency exit and 1.75" titanium diaphragm. This enables the high end to produce a clear and punchy sound.

FEATURES

- 2-way vented loudspeaker system
- 15" speaker
- 1.75" compression driver with constant directivity horn
- 1200 W power handling
- Highly intensity CLB enclosure.
- Gradient enclosure, suitable for various applications.
- Molded-in handle for easy carrying and stable stacking.

SPECIFICATIONS

RMS Power Handling	1200 W
Program Power Handling	2400 W
Peak Power Handling	4800 W
On-axis Frequency Range	40-20KHz
Nominal Impedance	4Ω
On-axis Sensitivity 1 W/1 m	102 dB SPL
Rated Peak SPL at Full Power	138 dB
Nominal -6 dB Beamwidths	
Horizontal	80°
Vertical	45°
Enclosure Material	Continuous Layer Board
Color	Black
LF Transducers	15" (L15AS)
HF Transducers	1.75" (H44AS)
Connector	2 Paralleled NL4, wired as ±1
Stack Feet Pit	No
Dimensions (H x W x D)	1120 x 500 x 500 mm
Weight	38.0 Kg



FREQUENCY RESPONSE

