

## **INTELLITECH SPEAKER- IS-150**



### **PRODUCT OVERVIEW:**

The INTELLITECH IS-150 Cinema Surround Speaker offers high power handling, high sensitivity, and extended bass response in a very compact enclosure. The two way 150's reliability and performance features position it as the ideal low cost, compact surround for the extended dynamic range required by digital sound formats

### **FEATURES:**

- 50 Hz to 20 kHz Frequency Range
- High Sensitivity, 91 dB SPL, 1 W, 1 m (3.3 ft)
- High Power Handling Capability: 150 watts continuous pink noise
- Internal Thermo-master® technology allows for unprecedented high frequency power in a compact molded enclosure.
- Convenient mounting design uses JBL Quick Mount™, Omni-mount® or APC Multi-mount brackets
- Special cabinet shape incorporates 20° angled front baffle
- SMPTE/ISO2969 Curve X high frequency de-emphasis
- Lightweight, rigid molded enclosure
- Input terminals located on top of cabinet for quick access
- Uniform horizontal and vertical coverage

## TECHNICAL SPECIFICATION

Specification	IS-150
Speaker Type	Main Speaker
Number of Speaker	1
Frequency Response (+/-3 dB)	65 Hz – 18 kHz
Frequency Range (-10 dB)	50 Hz - 20 kHz
Horizontal Coverage Angle (-6dB)	100° averaged 400 Hz to 12 kHz
Vertical Coverage Angle (-6dB)	90° averaged 400 Hz to 12 kHz
Directivity Factor (Q)	7 averaged 400 Hz to 12 kHz
Directivity Index (DI)	8.4 dB averaged 400 Hz to 12 kHz
Crossover Frequency	3 kHz
Low Freq Transducer Nominal Diameter	200 mm (8 in)38 mm (1.5 in) voice coil
High Freq Transducer Nominal Diameter	25 mm (1 in)25 mm (1 in) voice coil
Power Rating	150 watts continuous pink noise600 watts peak
Sensitivity (1W, 1m)	94 dB-SPL half-space / wall-mounted91 dB-SPL free-field
Maximum SPL (1m)	122 dB/1m
Nominal Impedance	8 Ω(transformer bypassed)
Transformer Taps (70/100 V)	70 V: 1 W, 2 W, 4 W, 8 W, 16 W 100 V: 2 W, 4 W, 8 W, 16 W
Connectors	5-way binding posts
Enclosure	Textured Black H.I.P.S. Plastic
Mounting	Wall
Dimensions (H x W x D) (mm x mm x mm)	406 mm x 343 mm x 224 mm
Weight (Kg)	6.0
AC Power Input	230V ~ 50/60 Hz

### Remarks:

- **THE ABOVE SPECIFICATIONS CAN BE CHANGED WITHOUT PRIOR INFORMATION.**
- **THE IMAGES SHOWN FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.**