

AVANTE IMPERIO



MINI LINE ARRAY SYSTEM

Avante Audio's Imperio mini line array system is a great fit for small to mid-size venues. The Imperio system consists of the Imperio Sub, a 10-inch, 400W Subwoofer with a Class D digital amplifier, and the Imperio, a cabinet with dual 4.75-inch woofers, 6 x 1.75 inch IDVAT high frequency drivers, a 240W Class D power amplifier and 24-bit DSP. The system may be configured in a variety of ways with multiple Imperio Subs and eight Imperio cabinets linked together with the sub on top or bottom. All items including the flybar are sold separately to allow for maximum customizability and versatility.

IMPERIO

SKU IMP092

AMPLIFIER:

- 240W Class RMS D Amplifier Module
- Switching Power Design
- LED Power / Signal / Clip Indicator
- 24-bit DSP Selectable Configurations
- Input: 1x 3pin XLR / powerCON (NAC3FCA)
- Output: 1x 3pin XLR powerCON (NAC3FCB)
- Volume: Selectable Input Sensitivity Dial
- Power Input: 100-240V ~ 50/60Hz

SKU IMP092



SKU IMP400



SPEAKER:

- 2x 4.75" Neodymium Woofers with 1-inch voice coil
- 6x 1.75" IDVAT HF drivers
(Inverted Dome Vertical Array Technology)
- Type: 2-Way Active Closed Design
- Frequency Response: 150Hz – 20KHz
- Max Output SPL: 117dB
(single box measured on Axis @1m)
- Selectable Input Sensitivity:
-3dB, 0dB, 3dB, 6dB
- Cabinet: ABS Plastic
- Grill: 1.0mm steel
- Splay Angles: 0, 4, 8, & 12-degrees
- Integrated Rigging: Yes
- Dispersion Angle: 90-degree x 15-degree
- Dimensions (LxWxH):
7.3"x8.8"x12.8" / 184.8x224x324mm
- Weight: 14 lbs. / 6.3 kg.



IDVAT
HF DRIVERS



IMPERIO SUB

SKU IMP400



AMPLIFIER:

- 400 watts RMS, Class D Power Amp, 800 watts Peak Power
- 100-120V / 220-240V ~ 50/60Hz (country specific)
- LED Power / Signal / Clip Indicator
- Input: 1x 3pin XLR powerCon (NAC3FCA)
- Output: 1x 3pin XLR powerCon (NAC3FCB)
- Phase Switchable (0 / 180)
- Internal Selectable X-Over 90Hz or 120Hz)
- Volume Control Dial



DRIVER:

- 1x 10" Woofer w/2.5" Voice Coil
- 123dB (at max output)
- Plywood Cabinet, black finish
- 6th Order Bandpass Design
- M20 Screw Pole Mount
- 1.2mm Steel Grill
- Dimensions: L 13.8" x D 18.3" x H 20.7"
- Weight 49.6 lbs.



GROUND
STACK
CONFIGURATION

ACCESSORIES

IMPERIO POLE

SKU IMP194

Use the Imperio Pole, along with the Sub and two of the Imperio Loudspeakers to create "Imperio System One". Great for small to medium events. The Imperio Pole can be broken down into two pieces for different height selections, and easy transport. It also includes an adapter to secure the Imperio modules.

The Imperio Pole uses an M20 thread to connect to the Sub.



IMPERIO LINK PINS

SKU IMP340

Always good to have extra pins on hand.

The Imperio Link Pins are sold in sets of four.



IMPERIO FLYBAR SM

SKU IMP496

Fly up to 8 Imperio loudspeaker modules using the Imperio Flybar SM.

*Note: Not to be used to fly subwoofers.



IMPERIO FLYBAR LG

SKU IMP265

Use two of the Imperio Flybar LG to fly an Imperio Sub and eight of the Imperio loudspeaker modules underneath. You can also use one of the Flybar LG's to create a ground stack.



IMPERIO MINI LINE ARRAY SYSTEM

ALSO AVAILABLE IN WHITE

DISCLAIMER

The data and specifications in this brochure are intended to be used for reference purposes only. Avante does not assume responsibility for user error or omissions. Overhead rigging of speakers may require an engineering analysis in order to fulfill all safety requirements and comply with all governing codes. All data and specifications are subject to change without notice.

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