

### Key Features:

*Eight 260 mm (10 in) LF transducers*

*Speakon connector input and output*

### Applications:

*Live music venues*

*Piano bars*

*Discos*

*Concert halls*

*Hotel*

*Theaters*

*Auditoriums*

*Fairs*

*Congress centers*

The ZW810I is an infra cardioid sub woofer that extends the frequency response down to 27 Hz and can be used in conventional left/right configurations as well as arranged in an infra sub woofer array.

It has two bass reflex chambers containing 4 x 10" transducers, two forward-facing and two angled, driven by one amplifier channel.

This transducer configuration avoids unwanted energy behind the system and significantly reduces the reverberant field at low frequencies, providing maximum accuracy in low frequency reproduction.

The ZW810I is constructed from marine plywood and has a shock and weather resistant finish, the front of the cabinet is protected by a rigid metal grille and the side panels incorporate three handles.



### Specifications:

#### System:

Frequency Response (+/-3 dB): 28 Hz - 100 Hz

Horizontal Coverage: Omni

Vertical Coverage: Omni

#### System Sensitivity<sup>1</sup>:

94 dB SPL 1W/1m Rated Maximum SPL (1m)<sup>2</sup>: 126 dB

#### System Nominal Impedance:

Dual Input : 4 Ohms + 4 Ohms or One Input: 2 Ohms

#### System Power Rating<sup>3</sup>:

(Continuous/Program/Peak): 1600 W + 1600 W / 3200 W + 3200W / 6400 W + 6400 W

AES Standard Power Rating<sup>4</sup>: 1600 W + 1600 W

#### System Power Rating<sup>5</sup>:

(Continuous/Program/Peak): 3200 W / 6400 W / 12800 W

AES Standard Power Rating<sup>4</sup>: 3200 W

#### Transducers:

*Low Frequency Driver: 8 x 260 mm (10 in) driver with 75 mm (3 in) edge wound voice coil*

#### Physical:

Enclosure: Baltic birch plywood.

**Finish:** Scratch-resistant coating, RAL on request

**Grille:** 20/10 laser cut aluminum powder coated, acoustically transparent mesh fabric

#### Input Connectors:

Speakon Neutrik 4 Pole ( 1+/1- signal - 2+/2- NC )

#### Environmental Specifications: IP62

**Dimensions (H x W x D):** 616 x 1200 x 750

**Weight:** 140 kg

#### Optional Accessories:

<sup>1</sup>On axis SPL measured in far field and referenced to 1 meter by inverse square law. Average from 300 Hz to 16 kHz.

<sup>2</sup>Calculated based on system sensitivity and continuous power handling.

<sup>3</sup>IEC shaped pink noise, 6 dB crest factor, 100 hour duration.

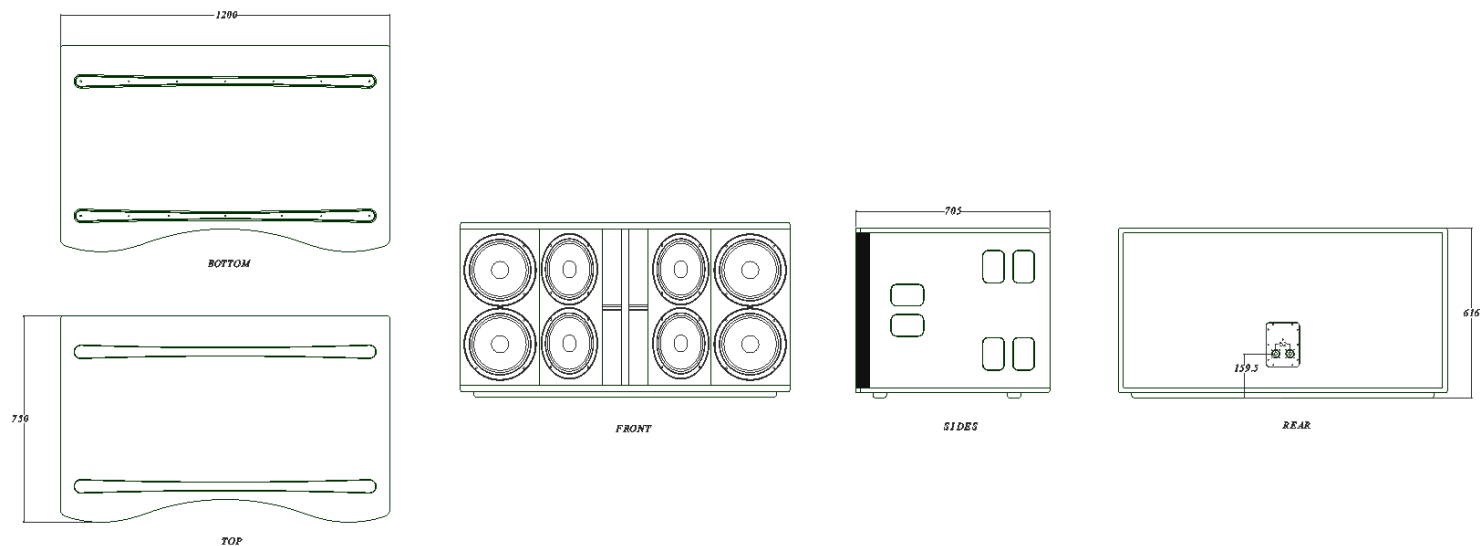
<sup>4</sup>AES standard 2 hour duration, with IEC system noise spectrum.

*Zingali Acoustics is constantly engaged in research related to product improvement. Modifications introduced in existing products without prior notice are a routine expression of this philosophy.*

# ZW 810I Octo 10" Woofer Infra Passive Sub

## Dimensions in (mm)

For more detailed dimensional information, refer to Application datasheet



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