

i205A

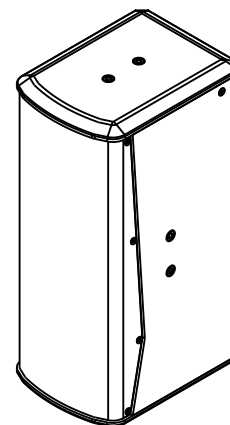
Presentation:

The I205A is a versatile 2-way high performance yet very compact and low profile loudspeaker suited for a wide range of pro audio applications. This speaker features 2x 5" (126in VC) rubber surround LF transducers made from copper wire that assures linearity and consistent power handling and a 1" (0.98in VC) HF driver that coupled to a 60°x60° constant directivity horn provides even coverage and uniform dispersion throughout the intended usage area. Moreover this combination exhibits smooth power response resulting in extremely natural voicing, exceptional clarity for speech and program reproduction and increased lower bass extension.

The I205A active version is equipped with a 2-channel class D amplifier and a fully programmable DSP (Armonia software from Powersoft) for real time operation/monitoring according to different environments and music styles. With 4 presets than can be loaded on the rear panel, the 2-channel class D amplifier is prepared for 85-264Vac universal mains (SMPS) and features various electronic protections to guarantee the use of the speaker system in perfect sound and safe operation.

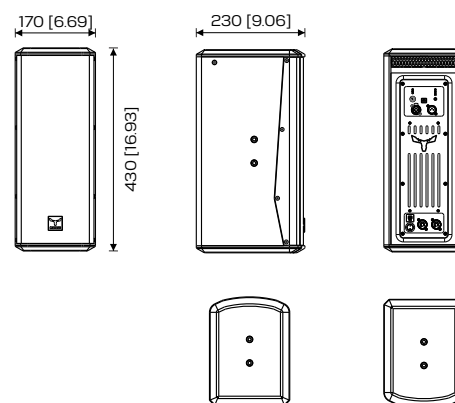
The rugged I205 enclosure is manufactured using 15mm birch plywood painted in hard-wearing and durable polyurea coating equipped with a powder coated steel, foam-backed grille. The speaker is designed to work in the vertical plane as well as in the horizontal plane featuring M8 threaded nuts on top, bottom and sides allowing installation with the "WB205H" and WB205V U-brackets. There is also a pole mount adaptor/socket (Ø35mm) to allow a 3-point/angle tilt adjustment to make the I205 a versatile solution that has been designed to suite a wide range of applications and venues.

With a visually unobtrusive design, the I205 is designed for background and foreground music, sound reinforcement systems, full-range PA, Corporate events, AV rooms, Product presentations and for distributed sound applications allowing its installation very close to walls and ceilings making it an ideal choice for under balcony, column, or wall mounting



Features:

- Compact passive 2-way speaker
- 2x 5" (126in VC) rubber surround MF transducer
- 1" (0.98in VC) HF driver
- Constant directivity 60°x60° horn
- 2-channel Class D amplifier with integrated DSP
- Universal 85-264Vac mains, SMPS with PFC
- Integrated M8 threaded nuts for U-brackets (H&V)
- Ø35mm pole mount adapter, tilt adjustment
- Rugged and durable 15mm birch plywood
- Powder coated custom perforated steel grille



Dimensions in mm [in]

Technical specifications:

Acoustical

Type	2-way passive speaker
Enclosure design	Front loaded
Power rating (RMS/Program)	200W / 380W
Frequency range	65 - 20kHz (-10dB)
Nominal impedance	4ohm MF / 8ohm HF
Transducer type	5" (126in) FR EU transducer 1" (0.98in VC) HF EU transducer
Dispersion	60°x60° (HxV)
Crossover frequency	N/A
SPL (1W/1kHz)	122dB @ 1m

Mechanical

Enclosure	15mm birch plywood, rugged polyurea coating
Grille	Custom perforated metal grilles w/ acoustic foam
Color	Black or white textured
Hardware	8x M8 inserts for "U" brackets (WB205H & WB205V) Ø35mm pole mount adapter (PMA205)
Dimensions	170x230x430mm 6.69x9.06x16.93in
Weight	9.5Kg 20.95lb

Amplifier Module

Type	2-channel Class D
Output Power	2x 300W (continuous)
Internal Processing	Fully programmable DSP 48KHz sampling frequency 24 bit AD/DA converter
Audio input/output	XLR/Jack combo connector XLR/M 3p
Indicators	Power, signal/preset, status, clip
Controls	Master level control, 4 selectable presets
AC Mains	SMPS with PFC, 85-264Vac universal mains
AC Mains connector	Neutrik® powerCON, Power-in/Power-out
Protections	Over current, short circuit, thermal, DC and HF

