B&B SERIES

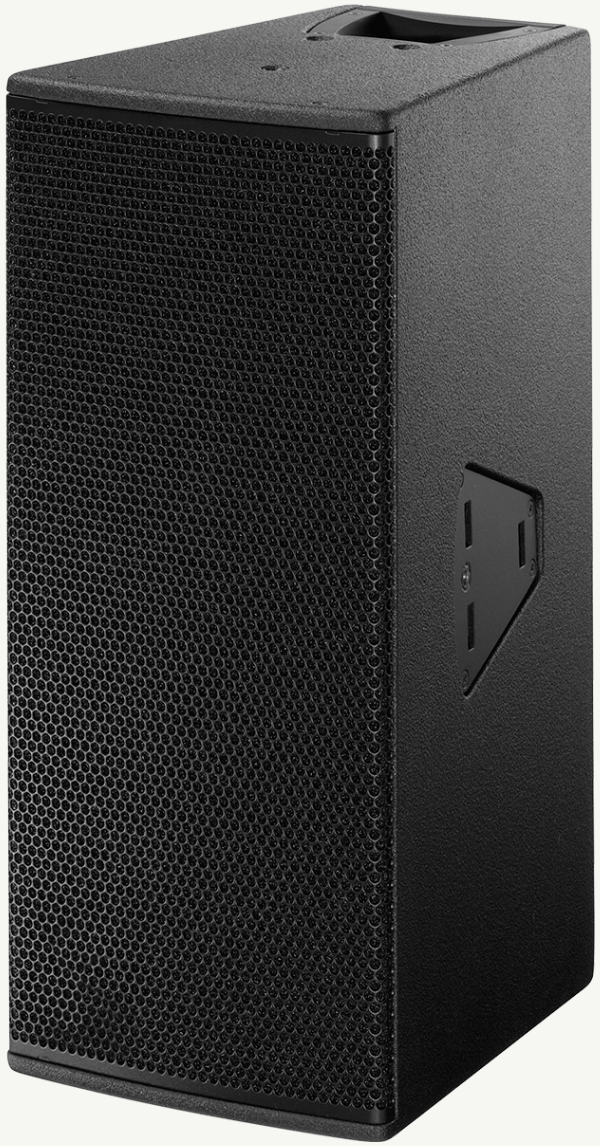
Y208P

2-WAY
POINT SOURCE

Dual 8-inch passive loudspeaker
for touring and installed sound.

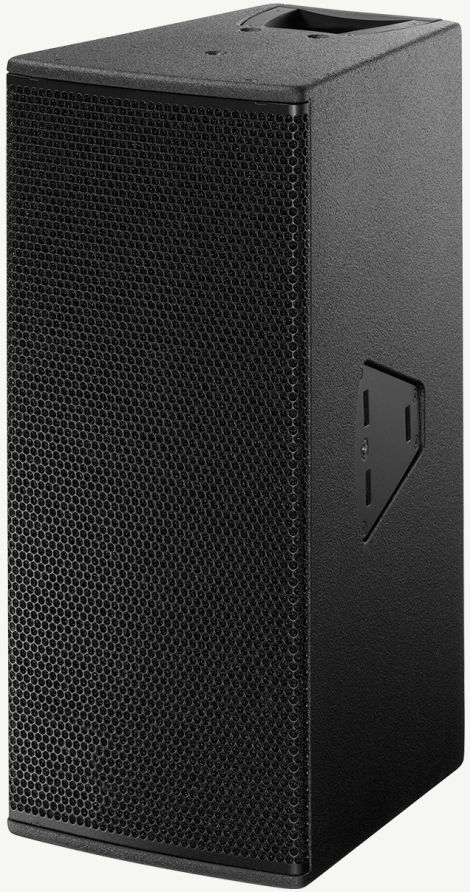
136 dB	18 kg
REFERENCE MAXIMUM SPL	REFERENCE NET WEIGHT

PRODUCT DETAIL · REFERENCE DATA



Y208P

Dual 8-inch, 2-way passive point source with a rotatable HF horn



Two 8-inch neodymium LF drivers flank
a 1.4-inch exit compression driver.
Optimized reflex ports extend LF output.

2-WAY

PASSIVE ACOUSTIC DESIGN

LF and HF sections share an internal passive crossover network.

110°

HORIZONTAL COVERAGE

110° horizontal and 40° vertical coverage with the cabinet in its upright orientation.

90°

ROTATABLE HF HORN

The HF horn rotates through 90° for horizontal cabinet orientation.

Y208P cabinet views

Complete reference photos: cabinet, horizontal mounting and rear connections in a touring case

FRONT PERSPECTIVE



Metal grille and acoustic foam
Protective polyurea finish

HORIZONTAL MOUNTING



Horizontal suspension with a dedicated mounting bracket

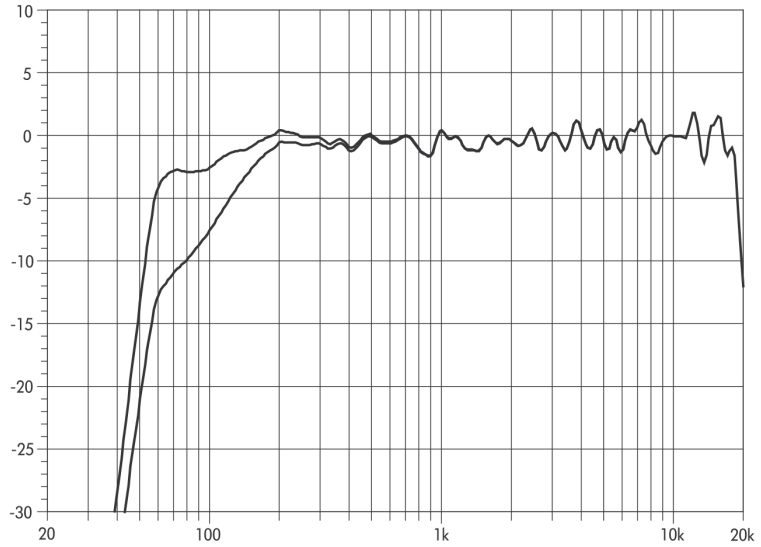
REAR VIEW AND TRANSPORT



Front and rear cabinet views in a two-cabinet touring case

Frequency response and output

Original platform standard and CUT response curves



Standard and CUT response

Operating bandwidth

STANDARD (-5 dB)

59 Hz – 18 kHz

CUT MODE (-5 dB)

118 Hz – 18 kHz

136 dB

REFERENCE MAXIMUM SPL

400 W

CABINET POWER HANDLING, RMS

1600 W

CABINET POWER HANDLING, PEAK

Reference passive platform. SPL: 1 m, free field, peak, pink noise crest factor 4, one cabinet with external controller. Peak power: 10 ms.

110° × 40° nominal coverage

Original platform directivity with the cabinet in its upright orientation

110° × 40°

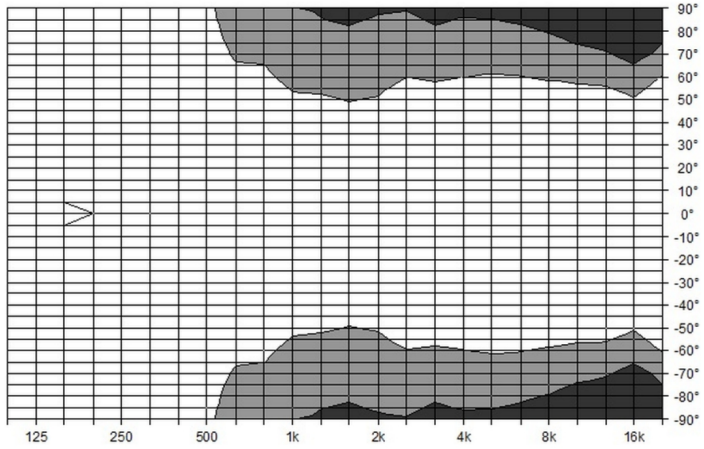
HORIZONTAL × VERTICAL

Horizontal directivity control extends to approximately 500 Hz.

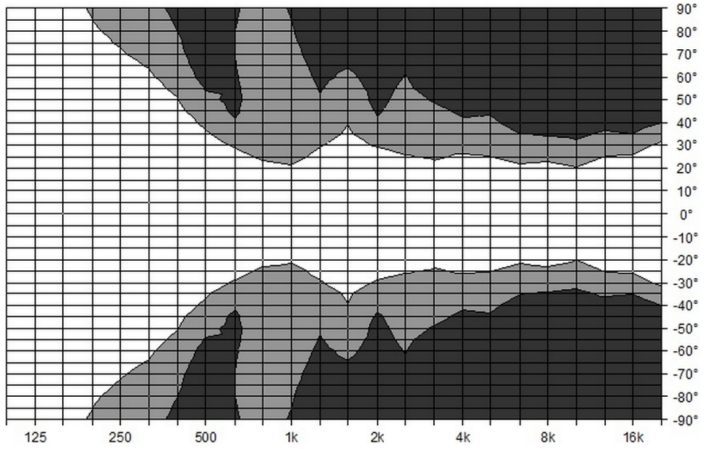
Rotate the HF horn 90° for horizontal cabinet placement.

SINGLE CABINET · UPRIGHT ORIENTATION

HORIZONTAL



VERTICAL

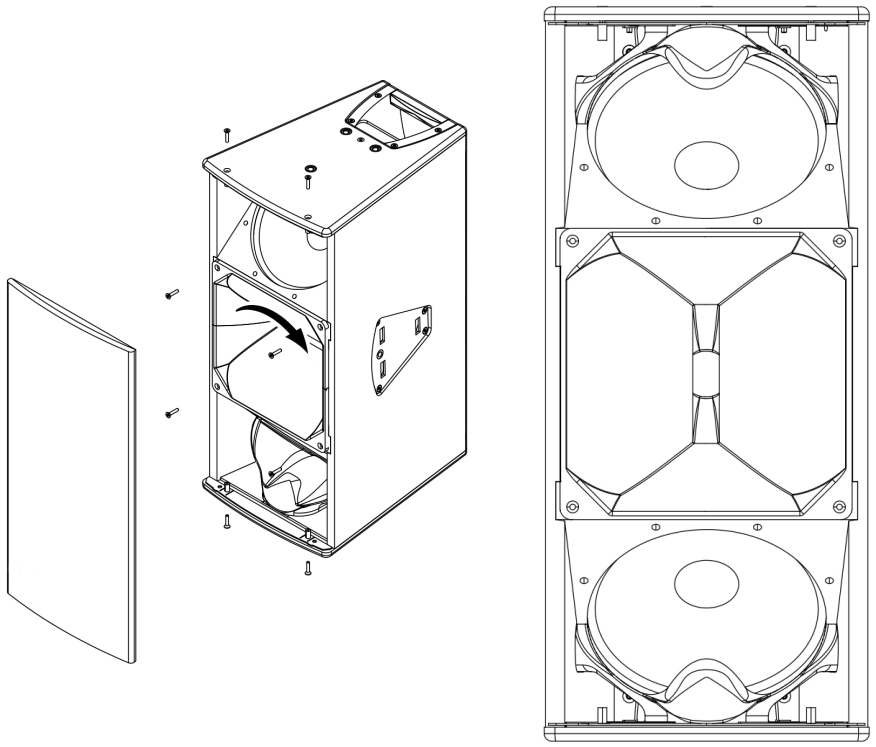


Equal-pressure contours at −6 dB and −12 dB

Dipolar 2-way architecture

Dual 8-inch LF drivers around a central constant-directivity HF horn

ACOUSTIC ARCHITECTURE



2 × 8-inch
LF drivers

1 × 1.4-inch
HF exit

90°
HF rotation

CABINET

Marine plywood

FINISH

Impact / weather-protected polyurea

HANDLING

Top and bottom handles

RIGGING

Four M10 inserts + two sockets

HF SECTION

Single compression driver
on a rotatable CD horn

Y208P reference dimensions

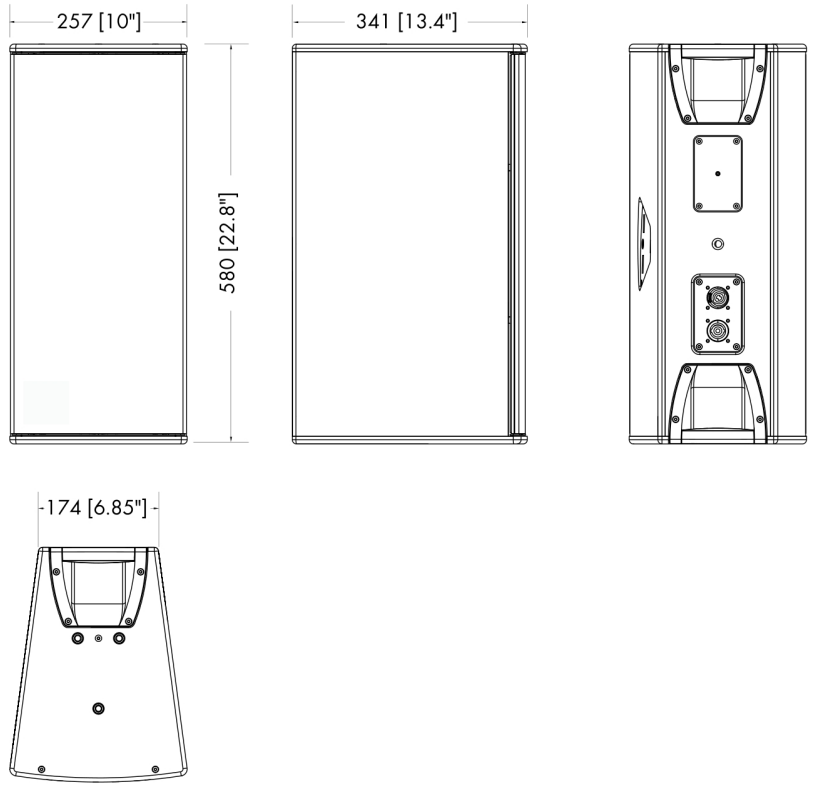
Original cabinet envelope and net weight

580 mm
HEIGHT

257 mm
WIDTH

341 mm
DEPTH

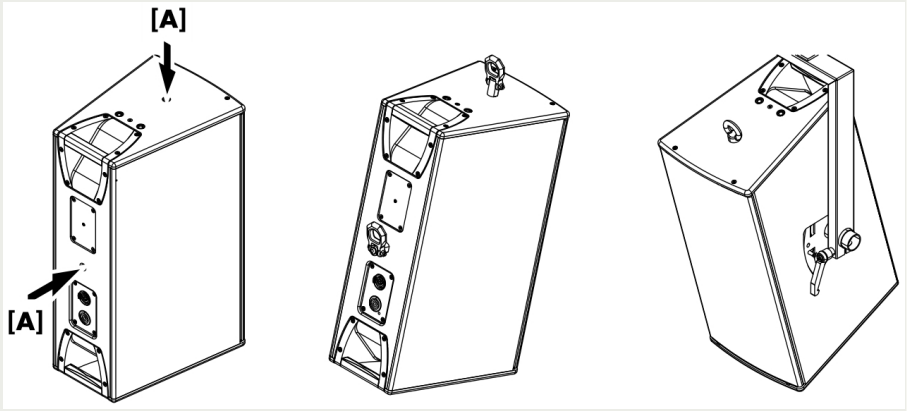
18 kg
NET WEIGHT



Original platform dimensions in millimetres [inches]. H × W × D: 580 × 257 × 341 mm.

Mounting and cabinet orientation

Original platform mounting interfaces, sockets and HF horn orientation



COMBINED SOCKETS AND ATTACHMENTS

M10

TOP + BOTTOM INSERTS

Two M10 inserts per top/bottom panel for dedicated mounting hardware.

2

COMBINED SOCKETS

One top + one rear socket accept an 8 mm load pin or M10 eyebolt.

90°

HF HORN ROTATION

Rotate the HF horn 90° when the cabinet is placed horizontally.

8 mm pins support static loads only. Use the M10 safety eyebolt for secondary safety. The side quick-lock plate accepts a swivel bracket.

Touring and installed sound

Reference environments for main systems, front fills and delays



THEATRES

Main reinforcement for speech and music



HOUSES OF WORSHIP

Front-fill and delay coverage



LIVE PERFORMANCE

Front-row support for concert systems

Reference environments. Photos show original reference-system installations.

Suspended and stand-mounted configurations

Complete original assemblies for upright, horizontal and pole mounting



UPRIGHT SUSPENSION

Cabinet with upright mounting bracket



HORIZONTAL MOUNTING

Cabinet with horizontal mounting bracket



POLE AND SUBWOOFER

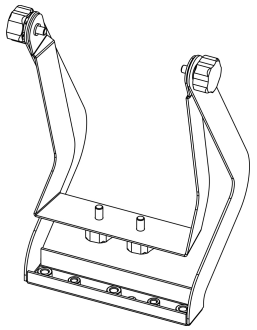
Swivel bracket, stand adapter and pole

Original reference-platform configurations. Hardware and subwoofer shown as deployment references.

Mounting brackets and linking hardware

Six accessories for cabinet positioning, suspension and interconnection

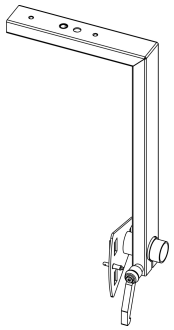
01



Mounting bracket

Supports an upright cabinet on a stand or in suspension.

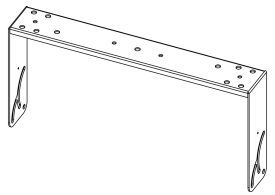
02



Swivel bracket

Quick-lock bracket for upright mounting and continuous aiming.

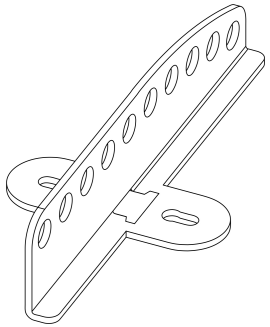
03



Horizontal bracket

Supports horizontal cabinet mounting.

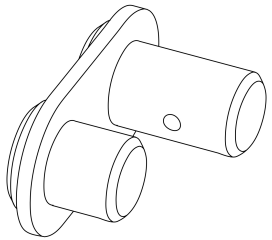
04



Flying adapter

Suspension adapter with a hole grid for vertical aiming.

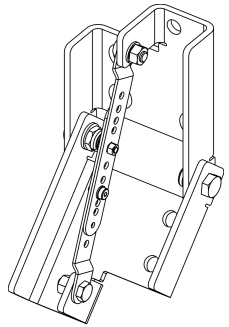
05



Flying adapter link

Links flying adapters for a vertical pair of cabinets.

06



Bracket connector

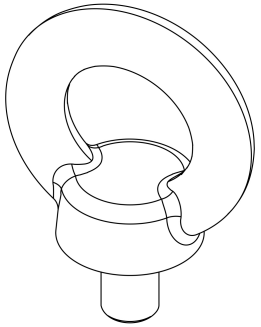
Joins horizontal brackets at a specified angle.

Original-platform accessory catalog. Confirm interface fit and complete assembly load ratings for the intended enclosure.

Safety, interfaces and transport

Six supporting accessories complete the official reference-product catalog

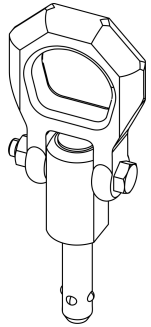
07



M10 safety eyebolt

Attachment point for an independent secondary safety.

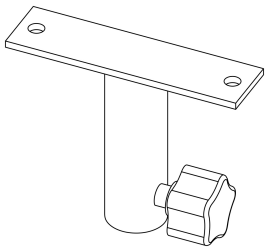
08



8 mm flying pin

For static loads only. Do not attach a secondary safety.

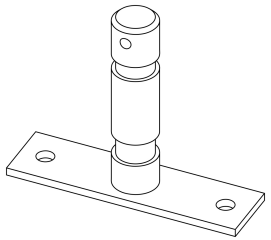
09



Loudspeaker stand adapter

Connects a mounting bracket to a 35 mm loudspeaker stand.

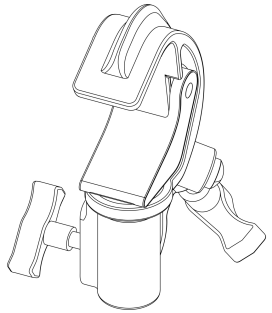
10



TV spigot with fixing plate

Spigot interface for clamp-based bracket mounting.

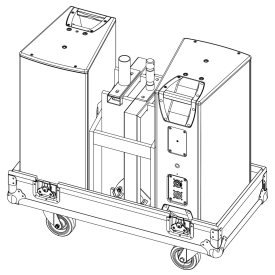
11



Pipe clamp for TV spigot

For overhead bars or truss tubes from 40 to 70 mm diameter.

12



Touring case

Transport and storage case for two loudspeaker cabinets.

Original-platform accessory catalog. Confirm interface fit and complete assembly load ratings for the intended enclosure.

Reference controller settings and wiring

Original passive platform: external controller, internal crossover and pin assignments

CONTROLLER FUNCTIONS



CUT

Reduced LF output for use with separately powered subwoofers.

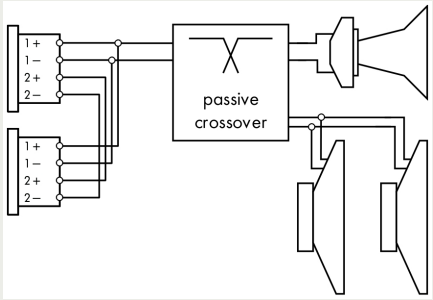
HFA · HIGH FREQUENCY ATTENUATION

Roll-off from 1 kHz; about −3 dB at 10 kHz for near-field / delay use.

CPL · COUPLING CORRECTION

0 to −9 dB coupling correction; starts near 1 kHz, strongest <400 Hz.
0 to +5 dB LF boost near 65 Hz for full-range use.

INTERNAL WIRING



Dual Channel or Mix TOP/SUB mode. Both cabinet sockets are wired in parallel.

CONNECTOR ASSIGNMENT

Connector	TOP +	TOP −	SUB +	SUB −	Extra
NLT4 F/M	1+	1−	2+	2−	—
NL4 M	1+	1−	2+	2−	—
EP5	1	2	3	4	5

TOP: 1+/1− (EP5: 1/2).
SUB link: 2+/2− (EP5: 3/4).
EP5 pin 5 has no 4-pin equivalent.
NL4 and EP5 are optional variants.

Up to two cabinets per channel with the matching controller setup.

Y208P reference specifications

Original passive-platform acoustic, enclosure, connection and mounting data

Model	Y208P	**Reference system**	2-way passive point source[1]
Frequency (−5 dB)	59 Hz – 18 kHz	**CUT mode (−5 dB)**	118 Hz – 18 kHz
Maximum SPL	136 dB peak[2]	**Nominal coverage**	110° × 40° (H × V)
LF drivers	2 × 8-inch neodymium	**HF driver**	1 × 1.4-inch exit
Nominal impedance	8 Ω	**Power handling**	400 / 1600 W[3]
Dimensions (H/W/D)	580 × 257 × 341 mm	**Net weight**	18 kg
Standard connectors	2 × NLT4 F/M	**Optional connectors**	2 × NL4 M or EP5[1]
Cabinet	Marine plywood	**Finish**	Protective polyurea coating
Front protection	Metal grille and acoustic foam	**Handling**	Top and bottom handles
Mounting inserts	2 × M10 on top and bottom panels	**Combined sockets**	2 for 8 mm pin / M10 eyebolt
Side interface	Quick-lock swivel-bracket plate	**HF horn rotation**	90° for horizontal placement
Crossover	Internal passive network	**Cabinets per channel**	2 with matching controller setup

[1] Original passive reference platform. Data and pictured assemblies refer to that platform. Connector options follow its official manual.
[2] SPL: 1 m, free field, peak, pink noise crest factor 4, one cabinet with reference controller. [3] RMS / peak (10 ms).