



ARCHITECTURAL RANGE



03

Architectural Product Range 2025

Contents

CONTENTS

CONCEAL SERIES C62 C83 C86 C82W TECHNICAL SPECIFICATIONS	pg. 04-08 pg. 05 pg. 06 pg. 07 pg. 08 pg. 45-46
STUDIO 6 6IW 8IW 66LCR 88LCR THEATER TECHNICAL SPECIFICATIONS	pg. 09-14 pg. 10 pg. 11 pg. 12 pg. 13 pg. 14 pg. 47-50
GTUDIO 2 6IC 8IC 6ICDT 6IW 8IW 55IW 88IW TECHNICAL SPECIFICATIONS	pg. 15-22 pg. 16 pg. 17 pg. 18 pg. 19 pg. 20 pg. 21 pg. 22 pg. 51-54
260W 280W 250WL 260C 280C 260CDT 260CSA 280CSA TECHNICAL SPECIFICATIONS	pg. 23-31 pg. 24 pg. 25 pg. 26 pg. 27 pg. 28 pg. 29 pg. 30 pg. 31 pg. 55-58

B SERIES 6IC 8IC 61CDT 61W 8IW TECHNICAL SPECIFICATIONS	pg. 32-37 pg. 33 pg. 34 pg. 35 pg. 36 pg. 37 pg. 59-62
STAGE XD Stage XD-5 Stage XD-6 TECHNICAL SPECIFICATIONS	pg. 38-40 pg. 39 pg. 40 pg. 63-64
DISTRIBUTION AMPS DA1650 DA850 TECHNICAL SPECIFICATIONS	pg. 41-43 pg. 42 pg. 43 pg. 65-66



Conceal C62 / Page 05 Conceal C83 / Page 06 Conceal C86 / Page 07 Conceal C82W / Page 08

Architectural Product Range 2025



CONCEAL C62

6.5-inch (165mm) 2-element Invisible Loudspeaker

The JBL Conceal Series are high-performance invisible architectural loudspeakers featuring a single panel design with premium acoustic performance.



CONCEAL C83

8-inch (200mm) 3-element Invisible Loudspeaker

The JBL Conceal Series are high-performance invisible architectural loudspeakers featuring a single panel design with premium acoustic performance.

FEATURES

- / One-piece design with 6.5-inch (165mm) woofer and single-element MF/HF transducer
- / Proprietary FidelityGlass™ acoustic panel and compression molded baffle
- Custom designed transducers with JBL premium acoustic crossover network
- Integrated wooden back box enclosure for reduced acoustic intrusion into adjacent spaces
- / Loudspeaker system installs like a standard drywall patch
- / Paintable surface can also be custom finished for complete invisibility

SPEC

Description: 6.5-inch (165mm) 2-element Invisible Loudspeaker

Nominal Impedance: 4Ω

Recommended Amplifier Power: 50 – 100 Watts RMS

Sensitivity: 83 dB/1W/1m measured in-room

Frequency Response: 45 Hz – 20 kHz (-6dB) measured in-room

Driver Technology: Direct-coupled Transducers (HF)

Panel Size: (H x W x D): 11-7/8" H x 15-7/8" W x 3-7/8" D

(302mm H x 403mm W x 98mm D)

and Acoustic Levered Cone Woofer (LF)

FEATURES

- / One-piece design with 8-inch (200mm) woofer and dual MF/HF transducers
- / Proprietary FidelityGlass™ acoustic panel and compression molded baffle
- Custom designed transducers with JBL premium acoustic crossover network
- Integrated wooden back box enclosure for reduced acoustic intrusion into adjacent spaces
- / Loudspeaker system installs like a standard drywall patch
- / Paintable surface can also be custom finished for complete invisibility

SPEC

Description: 8-inch (200mm) 3-element Invisible Loudspeaker

Nominal Impedance: 4 Ohm

Recommended Amplifier Power: 50 – 160 Watts RMS

Sensitivity: 84 dB/1W/1m measured in-room

Frequency Response: 45 Hz – 20 kHz (-6dB) measured in norm

Driver Technology: Direct-coupled Transducers (HF/

MF) and Acoustic Levered Cone Woofer (LF)

Panel Size: (H x W x D): 22" H x 15-7/8" W x 3-7/8" D (559mm H x 403mm W x 98mm D)

Vist page 46 for product size diagram

Vist page 46 for product size diagram

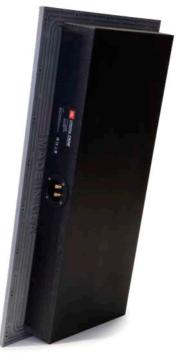
Conceal Series | C62 Conceal Series | C83



CONCEAL C86

8-inch (200mm) 6-element Dual Panel Invisible Loudspeaker

The JBL Conceal Series are high-performance invisible architectural loudspeakers featuring a single panel design with premium acoustic performance.



CONCEAL 82W

Dual 8-inch (200mm) Dual Panel Invisible Subwoofer System

The JBL Conceal Series are high-performance invisible architectural loudspeakers featuring a single panel design with premium acoustic performance.

FEATURES

- / Two-piece design with 8-inch (200mm) LF panel and separate five-element HF panel
- / Proprietary FidelityGlass™ acoustic panel and compression molded baffle
- / Custom designed transducers with JBL premium acoustic crossover network
- / Integrated back box enclosure
- / Installs like a standard drywall patch
- / Paintable surface can also be custom finished for complete invisibility

SPEC

Description: 2-Panel 6-element 3-way Full Range Invisible Loudspeaker

Nominal Impedance: 4Ω

Recommended Amplifier Power: 50 – 200 Watts RMS

Sensitivity: 84 dB/1W/1m measured in-room

Frequency Response: 45 Hz – 20 kHz (-6dB)

measured in-room

Driver Technology: Direct-coupled Transducers (HF/MF) and Acoustic Levered Cone Woofer (LF)

Panel Size: HMF/HF Panel: 11-7/8" H x 15-7/8" W x 3-7/8"

D (302mm H x 403mm W x 98mm D)

Vist page **46** for product size diagram

LF Panel: 22" H x 15-7/8" W x 3-7/8" D (559mm H x 403mm W x 98mm D)

FEATURES

- / Dual-panel design each with dual 8-inch (200mm) woofers
- / Proprietary FidelityGlass™ acoustic panels and compression molded baffles
- / Integrated wooden back box enclosure for reduced acoustic intrusion into adjacent spaces
- Loudspeaker system installs like a standard drywall patch
- Paintable surface can also be custom finished for complete invisibility

SPEC

Description: Dual 8-inch (200mm) Dual Panel Invisible Subwoofer System

Nominal Impedance: 8Ω (per pair)

Recommended Amplifier Power: 60 – 100 Watts RMS (per panel)

Sensitivity: 86 dB/1W/1m measured in-room

Frequency Response: 30 Hz - 300 Hz (-6dB) measured in-room

Driver Technology: Acoustic Levered Cone Woofers

Panel Size: (H x W x D): 30" H x 15-7/8" W x 3-7/8" D (762mm H x 403mm W x 98mm D)

Packed and sold in pairs

Vist page **46** for product size diagram

Conceal Series | C86 Conceal Series | 82W





STUDIO 6

6.5-Inch In-Wall Loudspeaker

The JBL Studio 6 architectural speakers are the ultimate cinematic home audio experience.

FEATURES

- / JBL compression driver
- / High Definition Imaging (HDI) waveguide
- / Paintable, zero-bezel magnetic grille
- / Polyplas woofer
- / Treble and Bass EQ control

SPEC

Impedance: 6Ω

Recommended Amplifer Power: 25W - 125W

Frequency Response: 45-20kHz

Crossover Frequency: 2.5kHz

Loudspeaker Sensitivity: 91dB

Woofer: 6.5" (165mm) Polyplas® woofer

Tweeter: High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver

Cutout Dimensions: 7.1" x 10.8" (180mm x 275mm)

Grille Finished Dimensions: 8.2" x 12" (209mm x 305mm

Mounting Depth: 3.7" (95mm)

Vist page 49 for product size diagram

Studio 6 6IW / Page 10

Studio 6 8IW / Page 11

Studio 6 66LCR / Page 12

Studio 6 88LCR / Page 13

Studio 6 Theater / Page 14



STUDIO 6

8-Inch In-Wall Loudspeaker

The JBL Studio 6 architectural speakers are the ultimate cinematic home audio experience.



STUDIO 6 66LCR

Dual 6.5-Inch In-Wall Loudspeaker

The JBL Studio 6 architectural speakers are the ultimate cinematic home audio experience.

FEATURES

- / JBL compression driver
- / High Definition Imaging (HDI) waveguide
- / Paintable, zero-bezel magnetic grille
- / Polyplas woofer
- / Treble and Bass EQ control

SPEC

Impedance: 6Ω

Recommended Amplifer Power: 25W - 125W

Frequency Response: 43-20kHz

Crossover Frequency: 2.5kHz Loudspeaker Sensitivity: 93dB

Woofer: 8" (203mm) Polyplas® woofer

Tweeter: High Definition Imaging (HDI) Waveguide with

Cutout Dimensions: 8.7" x 12.5" (221mm x 318mm)

Grille Finished Dimensions: 9.9" x 13.7" (251mm x 349mm)

Mounting Depth: 3.7" (95mm)

FEATURES

- / JBL compression driver
- / High Definition Imaging (HDI) waveguide
- / Paintable, zero-bezel magnetic grille
- / Polyplas woofer
- / Treble and Bass EQ control

SPEC

Impedance: 6Ω

Recommended Amplifer Power: 25W - 150W

Frequency Response: 45-20kHz

Crossover Frequency: 2.5kHz

Loudspeaker Sensitivity: 91dB

Woofer: 2 x 6.5" (165mm) Polyplas® woofer

Tweeter: High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver

Cutout Dimensions: 7" x 17.4" (180mm x 443mm)

Grille Finished Dimensions: 8.2" x 18.6" (209mm x 473mm)

Mounting Depth: 3.7" (95mm)

Vist page 49 for product size diagram

Vist page 49 for product size diagram

Studio 6 | 8IW Studio 6 | 66LCR



STUDIO 6 88LCR

Dual 8-Inch In-Wall Loudspeaker

The JBL Studio 6 architectural speakers are the ultimate cinematic home audio experience.



STUDIO 6 THEATER

Quad 5.25-Inch In-Wall Loudspeaker

The JBL Studio 6 architectural speakers are the ultimate cinematic home audio experience.

FEATURES

- / JBL compression driver
- / High Definition Imaging (HDI) waveguide
- / Paintable, zero-bezel magnetic grille
- / Polyplas woofer
- / Treble and Bass EQ control

SPEC

Impedance: 6Ω

Recommended Amplifer Power: 50W - 175W

Frequency Response: 47–20kHz

Crossover Frequency: 2.5kHz

Loudspeaker Sensitivity: 96dB

Woofer: 2 x8" (203mm) Polyplas® woofer

Tweeter: High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver

Cutout Dimensions: 8.7" x 20.4" (221mm x 517mm)

Grille Finished Dimensions: 9.9" x 21.5" (251mm x 547mm)

Mounting Depth: 3.7" (94.5mm)

FEATURES

- / JBL compression driver
- / High Definition Imaging (HDI) waveguide
- / Paintable, zero-bezel magnetic grille
- / Polyplas woofer
- / Treble and Bass EQ control

SPEC

Impedance: 6Ω

Recommended Amplifer Power: 50W - 150W

Frequency Response: 65-20kHz

Crossover Frequency: 2.5kHz

Loudspeaker Sensitivity: 96dB

Woofer: 4 x 5.25" (133mm) Polyplas® woofer

Tweeter: High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver

Cutout Dimensions: 6.2" x 25.3" (157mm x 642mm)

Grille Finished Dimensions: 7.4" x 26.5" (188mm x 674mm)

Mounting Depth: 3.7" (94.5mm)

Vist page **50** for product size diagram

Vist page ${f 50}$ for product size diagram

Studio 6 | 88LCR Studio 6 | Theatre





STUDIO 2

6.5-Inch In-Ceiling Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.

FEATURES

- / Sound Inspired by JBL's legendary M2 Master Reference Monitor
- / Paintable, nearly invisible zero-bezel magnetic grille
- / Superior XL-2 installation bracket
- / Pivoting Tweeters
- / Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 80W

Frequency Response: 38Hz - 20kHz

Crossover Frequency: 2.5kHz

Loudspeaker Sensitivity: 86dB 2.83V @ 1m

Low Frequency Driver Size and Material: 6-1/2"

(165mm) Polyplas® Woofer

High Frequency Driver Size and Material: 1" (25mm)

Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: (D) 8" (203mm)

Grille Finished Dimensions: (D) 9-3/32" (231mm)

Mounting Depth: 4-11/16" (119mm)

Compatible Wall Material Thickness: 0.5"-2.0"

Vist page **53** for product size diagram

Studio 2 6IC / Page 16

Studio 2 8IC / Page **17**

Page 18

Studio 2 GICDT / Studio 2 GIW /

Studio 2 8IW / Studio 2 551W /

Page 20

Page 21

Page 22

Studio 2 88IW /



STUDIO 2

8-Inch In-Ceiling Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.



STUDIO 2 GICDT

6.5-Inch Dual-Tweeter In-Ceiling Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.

FEATURES

/ Sound Inspired by JBL's legendary M2 Master Reference Monitor

/ Paintable, nearly invisible zero-bezel magnetic grille

/ Superior XL-2 installation bracket

/ Pivoting Tweeters

/ Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 100W

Frequency Response: 30Hz - 20kHz

Crossover Frequency: 2.1kHz

Loudspeaker Sensitivity: 88dB 2.83V @ 1m

Low Frequency Driver Size and Material: 8" (203mm)

Polyplas® Woofer

High Frequency Driver Size and Material: 1" (25mm)

Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: (D) 9-5/8" (244mm)

Grille Finished Dimensions: (D) 10-11/16" (272mm)

Mounting Depth: 5-13/64" (132mm)

Compatible Wall Material Thickness: 0.5"-2.0"

(12mm-51mm)

Vist page ${\bf 53}$ for product size diagram

FEATURES

/ Sound Inspired by JBL's legendary M2 Master Reference Monitor

/ Paintable, nearly invisible zero-bezel magnetic grille

/ Superior XL-2 installation bracket

/ Pivoting Tweeters

/ Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 80W

Frequency Response: 38Hz - 20kHz

Crossover Frequency: 3.7kHz

Loudspeaker Sensitivity: 86dB 2.83V @ 1m

Low Frequency Driver Size and Material: 6-1/2"

(165mm) Polyplas® Wooler

High Frequency Driver Size and Material: 2 x 3/4" (19mm) Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: (D) 8" (203mm)

Grille Finished Dimensions: (D) 9-3/32" (231mm)

Mounting Depth: 4-11/16" (119mm)

Compatible Wall Material Thickness: 0.5"-2.0"

(12mm-51mm)

Vist page **53** for product size diagram

Studio 2 | 8IC



STUDIO 2

6.5-Inch In-Wall Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.



STUDIO 2 BIW

8-Inch In-Wall Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.

FEATURES

- / Sound Inspired by JBL's legendary M2 Master Reference Monitor
- / Paintable, nearly invisible zero-bezel magnetic grille
- / Superior XL-2 installation bracket
- / Pivoting Tweeters
- / Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 80W

Frequency Response: 38Hz - 20kHz

Crossover Frequency: 3.0kHz

Loudspeaker Sensitivity: 86dB 2.83V @ 1m

Low Frequency Driver Size and Material: 6-1/2"

High Frequency Driver Size and Material: 1" (25mm) Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: (H x W) 9-13/16" x 7-9/32" (249mm

(212mm)

Grille Finished Dimensions: $(H \times W) 10-7/8" \times 8-11/32"$ $(276mm \times 212mm)$

Mounting Depth: 3-19/32" (91mm)

Compatible Wall Material Thickness: 0.5"-2.0"

(12mm-51mm)

Vist page **54** for product size diagram

FEATURES

- / Sound Inspired by JBL's legendary M2 Master Reference Monitor
- / Paintable, nearly invisible zero-bezel magnetic grille
- / Superior XL-2 installation bracket
- / Pivoting Tweeters
- / Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 100W

Frequency Response: 30Hz - 20kHz

Crossover Frequency: 2.8kHz

Loudspeaker Sensitivity: 88dB 2.83V @ 1m

Low Frequency Driver Size and Material: 8" (203mm)

Polyplas® Wooten

High Frequency Driver Size and Material: 1" (25mm)

Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: $(H \times W) 11-15/16$ " $\times 8-15/16$ "

(303mm x 227mm)

Grille Finished Dimensions: (H x W) 13" x 10" (330mm x 254mm)

Mounting Depth: 3-13/16" (97mm)

Compatible Wall Material Thickness: 0.5"-2.0" (12mm-51mm)

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Vist page **54** for product size diagram

Studio 2 | 6IW Studio 2 | 8IW



STUDIO 2 551 V

Dual 5.25-Inch In-Wall Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.



STUDIO 2 881W

Dual 8-Inch In-Wall Loudspeaker

The JBL Studio 2 architectural series premium loudspeakers represent best in class architectural audio.

FEATURES

- / Sound Inspired by JBL's legendary M2 Master Reference Monitor
- / Paintable, nearly invisible zero-bezel magnetic grille
- / Superior XL-2 installation bracket
- / Pivoting Tweeters
- / Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 120W

Frequency Response: 40Hz - 20kHz

Crossover Frequency: 2.7kHz

Loudspeaker Sensitivity: 88dB 2.83V @ 1m

Low Frequency Driver Size and Material: Dual 5-1/4" (1.33mm) Polyplas® Woofer

High Frequency Driver Size and Material: 1" (25mm) Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: (H x W) 14-1/8" x 6-13/32" (359mm x 163mm)

Grille Finished Dimensions: (H x W) 15-1/8" x 7-13/32"

Mounting Depth: 3.0" (76mm)

Compatible Wall Material Thickness: 0.5"-2.0" (12mm-51mm)

FEATURES

- / Premium In-Wall Loudspeaker with 2 x 8" Woofers
- / Sound Inspired by JBL's legendary M2 Master Reference Monitor
- / Paintable, nearly invisible zero-bezel magnetic grille
- / Superior XL-2 installation bracket
- / Pivoting Tweeters
- / Tweeter Audio Level Adjustment

SPEC

Impedance: 8Ω

Recommended Amplifer Power: 150W

Frequency Response: 30Hz - 20kHz

Crossover Frequency: 2.8kHz

Loudspeaker Sensitivity: 88dB 2.83V @ 1m

Low Frequency Driver Size and Material: 8" (203mm)
Polyplas® Woofer

High Frequency Driver Size and Material: 1" (25mm)
Pivoting CMMD® Lite Tweeter

Lite Tweeter High Frequency Control: +/- 3dB

Cutout Dimensions: (H x W) 20-1/16" x 9" (510mm x 227mm)

Grille Finished Dimensions: $(H \times W) 21-3/16" \times 10"$ (538mm x 254mm)

Mounting Depth: 3-13/16" (96mm)

Compatible Wall Material Thickness: 0.5"-2.0" (12mm-51mm)

Vist page 54 for product size diagram

Vist page 54 for product size diagram





STAGE 2 260W

6.5-inch In-Wall Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) horn

Low Frequency Transducer: 6.5" (165mm) Polycellulose

Recommended Power: 20-100W RMS

Frequency Response: 50Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 87dB

Impedance: 8Ω

Crossover Frequency: 1900Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: H 19.5in (496mm) x W 7.6in (194mm)

Cutout Dimensions: H: 12.2in (311mm) x W: 7.2in (184mm)

Mounting Depth: 3.8in (96mm)

Vist page **55** for product size diagram

Stage 2 260W / Page 24 Stage 2 280W Page 25

Stage 2 250WL / Page 26 Stage 2 260C / Page 27 Stage 2 280C / Page 28

Stage 2 260CDT / Page 29

Stage 2 260CSA / Page 30

Stage 2 280CSA / Page 31

Architectural Product Range 2025





STAGE 2 280 W

8-Inch In-Wall Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.



STAGE 2 250WL

Dual 5.25-Inch In-Wall Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) bonn

Low Frequency Transducer: 8" (200mm) Polycellulose cone woofer

Recommended Power: 20-120W RMS

Frequency Response: 42Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 90dB

Impedance: 8Ω

Crossover Frequency: 1700Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: H: 13.3in (339mm) x W 8.5in (217mm)

Cutout Dimensions: H: 14.6in (372mm) x W: 9.4in (238mm)

Mounting Depth: 3.6in (92mm)

FEATURES

- Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) horn

Low Frequency Transducer: Dual 5.25" (130mm)

Polycellulose cone woofer

Recommended Power: 20-120W RMS

Frequency Response: 52Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 90dB

Impedance: 8Ω

Crossover Frequency: 2100Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: H: 15.7in (400mm) x W 10.5in (266mm)

Cutout Dimensions: 18.1in (460mm) x W: 6.4in (162mm)

Mounting Depth: 3.9in (98mm)

Vist page 57 for product size diagram

Vist page **57** for product size diagram

Stage 2 | 280W



STAGE 2 260C

6.5-Inch In-Ceiling Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.



STAGE 2 **280C**

8-Inch In-Ceiling Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with Acoustic Lens

Low Frequency Transducer: 6.5" (165mm) Polycellulose cone woofer

Recommended Power: 20-100W RMS

Frequency Response: 50Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 87dB

Impedance: 8Ω

Crossover Frequency: 3000Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: Dia: 9.2in (233mm) **Cutout Dimensions:** Dia: 8in (203mm)

Mounting Depth: 3.9in (100mm)

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with Acquetic Lens

Low Frequency Transducer: 8" (200mm) Polycellulose cone woofen

Recommended Power: 20-120W RMS

Frequency Response: 42Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 90dB

Impedance: 8Ω

Crossover Frequency: 3400Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: Dia: 10.8in (275mm)

Cutout Dimensions: Dia: 9.6in (244mm)

Mounting Depth: 4.3in (108mm)

Vist page **58** for product size diagram

Vist page **57** for product size diagram

Stage 2 | 260C



STAGE 2 260CDT

6.5-Inch Dual-Tweeter In-Ceiling Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.



STAGE 2 260CSA

6.5-Inch In-Ceiling Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: Dual 3/4" (20mm)

Low Frequency Transducer: Dual VC 6.5" (165mm)

Recommended Power: 20-75W RMS

Frequency Response: 50Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 90dB

Impedance: 8Ω

Crossover Frequency: 2900Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: Dia: 9.2in (233mm)

Cutout Dimensions: Dia: 8in (203mm)

Mounting Depth: 4.2in (106mm)

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with Acquisite Lens

Low Frequency Transducer: 6.5" (165mm) Polycellulose cone woofer

Recommended Power: 20-100W RMS

Frequency Response: 50Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 87dB

Impedance: 8Ω

Crossover Frequency: 2800Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: H 9.8in (248mm) x W 9.8in (248mm)

Cutout Dimensions: H: 8.6in (219mm) x W: 8.6in (219mm)

Mounting Depth: 5in (127mm)

Vist page **58** for product size diagram

Vist page **58** for product size diagram



STAGE 2 280CSA

8-Inch In-Ceiling Loudspeaker

A range of eight models designed to deliver iconic JBL sound that blends into the environment so that the music stands out.

FEATURES

- / Rigid Baffle design with acoustic smoothing for improved transducer integration
- / Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI $^{\rm m}$) horns with optimized geometry for smooth dispersion and low distortion
- / Harman target curve acoustic performance for smooth accurate sound over a large listening area
- / Zero bezel metal grille installs flush to wall or ceiling for clean inconspicuous appearance
- / XL-2 installation system compatible with up to 2" (50mm) thick wall/ceiling material

SPEC

High Frequency Transducer: 1" (25mm) Aluminum dome with Acoustic Lens

Low Frequency Transducer: 8" (200mm) Polycellulose cone woofen

Recommended Power: 20-120W RMS

Frequency Response: 42Hz-25kHz (-6dB on-axis)

Sensitivity (2.83V@1m): 90dB

Impedance: 8Ω

Crossover Frequency: 2900Hz

Inputs: Nickel-plated spring-loaded connectors

Grille Dimensions: H 11.4in (289mm) x W 11.4in (289mm)

Cutout Dimensions: H: 10.2in (260mm) x W: 10.2in (260mm)

Mounting Depth: 5.4in (138mm)

Vist page 58 for product size diagram





B SERIES GIC

6.5-inch In-Ceiling Loudspeaker

The JBL B-Series loudspeakers feature a modern, virtually invisible design, powerful JBL Signature sound and are easy to install. Built to last with quality materials including a moisture-resistant design, which are perfect for bathroom installations.



B SERIES BIC

8-inch In-Ceiling Loudspeaker

The JBL B-Series loudspeakers feature a modern, virtually invisible design, powerful JBL Signature sound and are easy to install. Built to last with quality materials including a moisture-resistant design, which are perfect for bathroom installations.

FEATURES

- / Powerful JBL sound quality. Immerse yourself in an amazing room-filling audio experience.
- / Easy installation. The standard 'dog-leg' brackets save installation time and provide a sturdy, reliable fit
- / Zero bezel grille. Seamlessly blends them into the room ceiling and wall
- / Wide sound dispersion. Experience room filling audio regardless of what angle the speakers are installed

SPEC

Nominal Impedance: 4Ω

Power (RMS/Peak): 35/140W

Frequency Response: 50Hz – 20kHz

Loudspeaker Sensitivity: 90dB

Woofer: 6.5" (165mm) Poly woofer

Tweeter: 0.5" (13mm) Polymer Tweeter

Cutout Dimensions: 7.9" (202mm)

Grille Finished Dimensions: 9.1" (232mm)

Mounting Depth: 3.6" (92mm)

FEATURES

- / Powerful JBL sound quality. Immerse yourself in an amazing room-filling audio experience.
- / Easy installation. The standard 'dog-leg' brackets save installation time and provide a sturdy, reliable fit
- / Zero bezel grille. Seamlessly blends them into the room ceiling and wall
- / Wide sound dispersion. Experience room filling audio regardless of what angle the speakers are installed

SPEC

Nominal Impedance: 4Ω

Power (RMS/Peak): 40/160W

Frequency Response: 45Hz – 20kHz

Loudspeaker Sensitivity: 92dB

Woofer: 8" (203mm) Poly woofer

Tweeter: 0.5" (13mm) Polymer Tweeter

Cutout Dimensions: 9.6" (243mm)

Grille Finished Dimensions: 10.7" (272mm)

Mounting Depth: 3.9" (100mm)

Vist page 61 for product size diagram

Vist page 61 for product size diagram

B Series | 6IC



B SERIES GICDT

6.5-inch Dual-tweeter In-ceiling Loudspeaker

The JBL B-Series loudspeakers feature a modern, virtually invisible design, powerful JBL Signature sound and are easy to install. Built to last with quality materials including a moisture-resistant design, which are perfect for bathroom installations.



B SERIES GIW

6.5-inch In-Wall Loudspeaker

The JBL B-Series loudspeakers feature a modern, virtually invisible design, powerful JBL Signature sound and are easy to install. Built to last with quality materials including a moisture-resistant design, which are perfect for bathroom installations.

FEATURES

- / Powerful JBL sound quality. Immerse yourself in an amazing room-filling audio experience.
- / Easy installation. The standard 'dog-leg' brackets save installation time and provide a sturdy, reliable fit
- / Zero bezel grille. Seamlessly blends them into the room ceiling and wall
- / Wide sound dispersion. Experience room filling audio regardless of what angle the speakers are installed

SPEC

Nominal Impedance: 4Ω

Power (RMS/Peak): 35/140W

Frequency Response: 50Hz – 20kHz

Loudspeaker Sensitivity: 90dB

Woofer: 6.5" (165mm) Poly woofer

Tweeter: 0.5" (13mm) Polymer Tweeter

Cutout Dimensions: 7.9" (202mm)

Grille Finished Dimensions: 9.1" (232mm)

Mounting Depth: 3.6" (92mm)

FEATURES

- / Powerful JBL sound quality. Immerse yourself in an amazing room-filling audio experience.
- / Easy installation. The standard 'dog-leg' brackets save installation time and provide a sturdy, reliable fit
- / Zero bezel grille. Seamlessly blends them into the room ceiling and wall
- / Wide sound dispersion. Experience room filling audio regardless of what angle the speakers are installed

SPEC

Nominal Impedance: 4Ω

Power (RMS/Peak): 40/160W

Frequency Response: 50Hz – 20kHz

Loudspeaker Sensitivity: 91dB

Woofer: 6.5" (165mm) Poly woofer

Tweeter: 0.5" (13mm) Polymer Tweeter

Cutout Dimensions: 9.7" x 7.2" (246mm x 182mm)

Grille Finished Dimensions: 8.4" x 10.9" (213mm x 277mm)

Mounting Depth: 3.3" (84mm)

Vist page 61 for product size diagram

Vist page 62 for product size diagram

B Series | 6IVDT

Architectural Product Range 2025



B SERIES B I W

8-inch In-Wall Loudspeaker

The JBL B-Series loudspeakers feature a modern, virtually invisible design, powerful JBL Signature sound and are easy to install. Built to last with quality materials including a moisture-resistant design, which are perfect for bathroom installations.

FEATURES

- / Powerful JBL sound quality. Immerse yourself in an amazing room-filling audio experience.
- / Easy installation. The standard 'dog-leg' brackets save installation time and provide a sturdy, reliable fit
- / Zero bezel grille. Seamlessly blends them into the room ceiling and wall
- / Wide sound dispersion. Experience room filling audio regardless of what angle the speakers are installed

SPEC

Nominal Impedance: 4Ω

Power (RMS/Peak): 45/160W

Frequency Response: 45Hz – 20kHz

Loudspeaker Sensitivity: 91dB

Woofer: 8" (203mm) Poly woofer

Tweeter: 0.5" (13mm) Polymer Tweeter

Cutout Dimensions: 11.7" x 8.8" (299mm x 223mm)

Grille Finished Dimensions: 10" x 12.9" (255mm x 329mm)

Mounting Depth: 3.7" (96mm)

Vist page 62 for product size diagram



Stage XD-5 / Page 39 Stage XD-6 / Page 40



STAGE XD-5

5.25-Inch Indoor/Outdoor All Weather Loudspeaker

Stage XD Series loudspeakers are designed to work in a wide variety of applications both indoors and outdoors.

Their unique combination of features and patented acoustic technology instills them with extreme durability while delivering the highest level of audio.



STAGE XD-6

6.5-Inch Indoor/Outdoor All Weather Loudspeaker

Stage XD Series loudspeakers are designed to work in a wide variety of applications both indoors and outdoors. Their unique combination of features and patented acoustic technology instills them with extreme durability while delivering the highest level of audio.

FEATURES

- / IP67 Waterproof rating provides protection from the harshest of outdoor conditions
- Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- High-Definition Imaging (HDI™) waveguides with optimized geometry for smooth dispersion and low distortion
- / Included wall-mount bracket allows for easy installation and angle adjustment
- / Zero bezel magnetically attached grilles
- / Rotatable logo for horizontal and vertical applications
- Sustainably designed packaging and product the first repairable IP67 outdoor loudspeaker

SPEC

Weatherproof Rating: IP67

High Frequency Transducer: 1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) waveguide

Low Frequency Transducer: 5.25" (130mm) Polypropylene Cone Woofer

Impedance: 6Ω

Loudspeaker Sensitivity: 86dB

Recommended Amplifier Power: 20-100W RMS

Frequency Response: (-6dB On-Axis): 75Hz-25kHz

Crossover Frequency: 2500K

Operating Temperature: -35° C (-31° F) to 75° C (167°F)

Product Dimensions (HxWxD): 9.84in (249.9mm) x

7.17in (182.1mm) X 6.37in (161.8mm)

Weight: 2.3lbs (5kg)

Wall Mount Extension: 2.8in (71mm)

FEATURES

- / IP67 Waterproof rating provides protection from the harshest of outdoor conditions
- Aluminum Dome Tweeters with Acoustic Lens for smooth on and off axis frequency response
- / High-Definition Imaging (HDI™) waveguides with optimized geometry for smooth dispersion and low distortion
- Included wall-mount bracket allows for easy installation and angle adjustment
- / Zero bezel magnetically attached grilles
- / Rotatable logo for horizontal and vertical applications
- Sustainably designed packaging and product the first repairable IP67 outdoor loudspeaker

SPEC

Weatherproof Rating: IP67

High Frequency Transducer: 1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) waveguide

Low Frequency Transducer: 6.5" (165mm) Polypropylene Cone Woofer

Impedance: 6Ω

Loudspeaker Sensitivity: 88dB

Recommended Amplifier Power: 20-100W RMS

Frequency Response: (-6dB On-Axis): 55Hz-25kHz

Crossover Frequency: 2500K

Operating Temperature: -35° C (-31° F) to 75° C (167°F)

Product Dimensions (HxWxD): 11.77in (299mm) x 8.73in (221.8mm) X 7.64in (194.1mm)

Weight: 2.9lbs (6.5kg)

Wall Mount Extension: 2.8in (71mm)

Vist page **64** for product size diagram

Vist page **64** for product size diagram

Stage XD | XD-5





DA1650

16-Channel Distribution Amplifier

FEATURES

- / Compact form factor in a single rack space, flat-stackable design
- / Bridgeable outputs for high-power requirements
- Over-current and thermal protection prevent potential speaker damage
- Three power mode control options include 12V trigger, audio sensing inputs or always on
- / Local and bus inputs, stereo/mono selection, and channel output level controls

SPEC

Analog audio input: 16 x RCA (Single Ended)

Stereo analog global output (global input looped to global output): 2 x RCA (Single Ended)

Speaker output: Phoenix block connectors, accommodates up to 12AWG wire

12V trigger control: 1 x 3.5mm (in), 1 x 3.5mm (out)

Power: Standard IEC

Global input select: 8 x 2-position dip switches

Bridge/Mono select: 8 x 2-position dip switches

Power Mode select: 1 x 3-position switch – always on, 12V, auto sense

Power (1kHz, 20ms burst, 2 channels driven, 0.5% THD max): Rated Power (8 Ω) - 50W, Rated Power (4 Ω) - 110W, Rated Power (8 Ω Bridged, one zone driven) - 185W

Frequency Response: 20Hz-20kHz: +/-0.5dB, at 1/8th power, all loads

THD+N (max), at rated power, 20-20kHz: <0.1%

Signal to noise ratio (min), A-weight, 20-20kHz, 8 Ω mode: >100dB

Dimensions (H x W x D): $1.7" \times 17.2" \times 12.7"$ (43.7mm x 436.0mm x 323.0mm). Dimensions inc. feet (H x W x D): $1.75" \times 17.2" \times 12.7"$ (44.5mm x 436.0mm x 323.0mm)

Net Weight: 4.5kg

Vist page **66** for product size diagram

Distribution Amps
DA850 / Page 43



DISTRIBUTION AMP DA850

8-Channel Distribution Amplifier

FEATURES

- / Compact form factor in a single rack space, flat-stackable design
- / Bridgeable outputs for high-power requirements
- / Over-current and thermal protection prevent potential speaker damage
- / Three power mode control options include 12V trigger, audio sensing inputs or always on
- / Local and bus inputs, stereo/mono selection, and channel output level controls

SPEC

Analog audio input: 8 x RCA (Single Ended)

Stereo analog global output (global input looped to global output): 2 x RCA (Single Ended)

Speaker output: Phoenix block connectors, accommodates up to 12AWG wire

12V trigger control: 1 x 3.5mm (in), 1 x 3.5mm (out)

Power: Standard IEC

Global input select: 4 x 2-position dip switches

Bridge/Mono select: 4 x 2-position dip switches

Power Mode select: 1 x 3-position switch – always on, 12V, auto sense

Power (1kHz, 20ms burst, 2 channels driven, 0.5% **THD max):** Rated Power (8 Ω) - 50W, Rated Power (4 Ω) - 110W, Rated Power (8Ω Bridged, one zone driven) -

Frequency Response: 20Hz-20kHz: +/-0.5dB, at 1/8th

THD+N (max), at rated power, 20-20kHz: <0.1%

Signal to noise ratio (min), A-weight, 20-20kHz, 8 Ω mode: >100dB

Dimensions (H x W x D): 1.7" x 17.2" x 12.7" (43.7mm x

Net Weight: 4.5kg

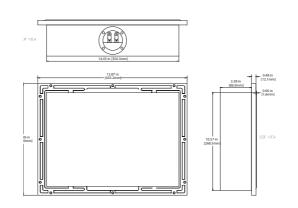
Vist page 66 for product size diagram

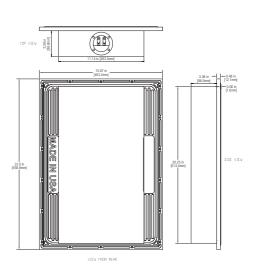


CONCEAL SERIES / TECHNICAL SPECIFICATIONS

C62 C83 C83 C83

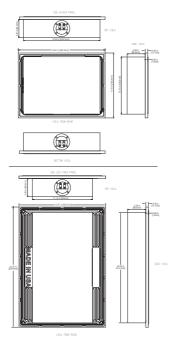
Description:	6.5-inch (165mm) 2-element Invisible Loudspeaker	8-inch (200mm) 3-element Invisible Loudspeaker
Impedance:	4Ω	4Ω
Recommended Amplifier Power:	50 – 100 Watts RMS	50 – 160 Watts RMS
Sensitivity:	83 dB/1W/1m measured in-room	84 dB/1W/1m measured in-room
Frequency Response:	45 Hz – 20 kHz (-6dB) measured in-room	45 Hz – 20 kHz (-6dB) measured in-room
Driver Technology:	Direct-coupled Transducers (HF) and Acoustic Levered Cone Woofer (LF)	Direct-coupled Transducers (HF/MF) and Acoustic Levered Cone Woofer (LF)
Panel Size:	(302mm H x 403mm W x 98mm D)	(559mm H x 403mm W x 98mm D
Packed and sold in pairs		

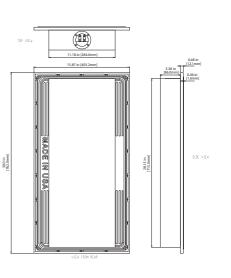




C86 C82W C82W

Description:	2-Panel 6-element 3-way Full Range Invisible Loudspeaker	Dual 8-inch (200mm) Dual Panel Invisible Subwoofer System
Impedance:	4Ω	8Ω (per pair)
Recommended Amplifier Power:	50 – 200 Watts RMS	60 – 100 Watts RMS (per panel)
Sensitivity:	84 dB/1W/1m measured in-room	86 dB/1W/1m measured in-room
Frequency Response:	45 Hz – 20 kHz (-6dB) measured in-room	30 Hz – 300 Hz (-6dB) measured in-room
Driver Technology:	Direct-coupled Transducers (HF/MF) and Acoustic Levered Cone Woofer (LF)	Acoustic Levered Cone Woofers
Panel Size:	MF/HF Panel: (302mm H x 403mm W x 98mm D) LF Panel: (559mm H x 403mm W x 98mm D)	(762mm H x 403mm W x 98mm D)
Packed and sold in pairs		Packed and sold in pairs





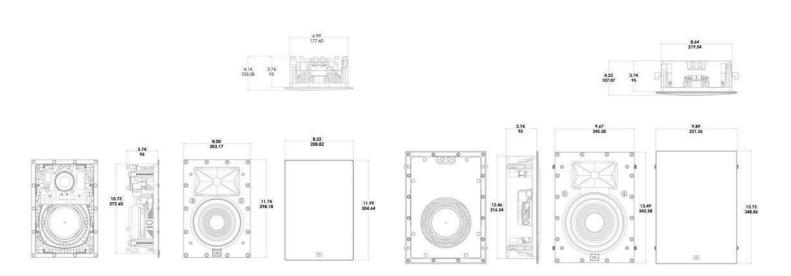
STUDIO 6 / TECHNICAL SPECIFICATIONS

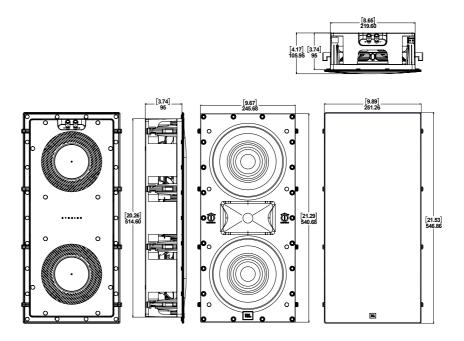
47

	6IW	8IW	66LCR	88LCR	THEATER
Impedance:	6Ω	6Ω	6Ω	6Ω	6Ω
Recommended Amplifer Power:	25W - 125W	25W - 125W	25W - 150W	50W - 175W	50W - 150W
Frequency Response:	45-20kHz	43–20kHz	45–20kHz	47–20kHz	65-20kHz
Crossover Frequency:	2.5kHz	2.5kHz	2.5kHz	2.5kHz	2.5kHz
Loudspeaker Sensitivity:	91dB	93dB	91dB	96dB	96dB
Woofer:	6.5" (165mm) Polyplas® woofer	8" (203mm) Polyplas® woofer	2 × 6.5" (165mm) Polyplas® woofer	2 x8" (203mm) Polyplas® woofer	4 × 5.25" (133mm) Polyplas® woofer
Tweeter:	High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver	High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver	High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver	High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver	High Definition Imaging (HDI) Waveguide with 1" (25mm) High Frequency Compression Driver
Cutout Dimensions:	7.1" x 10.8" (180mm x 275mm)	8.7" x 12.5" (221mm x 318mm)	7" x 17.4" (180mm x 443mm)	8.7" x 20.4" (221mm x 517mm)	6.2" x 25.3" (157mm x 642mm)
Grille Finished Dimensions:	8.2" x 12" (209mm x 305mm)	9.9" x 13.7" (251mm x 349mm)	8.2" x 18.6" (209mm x 473mm)	9.9" x 21.5" (251mm x 547mm)	7.4" x 26.5" (188mm x 674mm)
Mounting Depth:	3.7" (95mm)	3.7" (95mm)	3.7" (95mm)	3.7" (94.5mm)	3.7" (94.5mm)

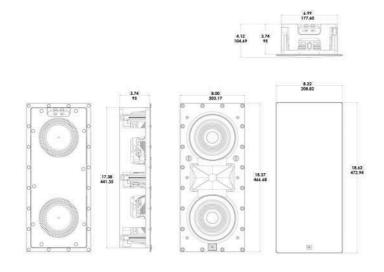
Technical Specifications | STUDIO 6 | STUDIO 6

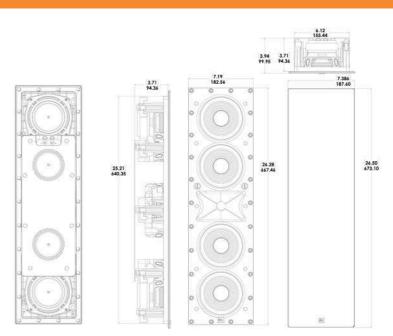
6IW 88LCR





66LCR THEATER



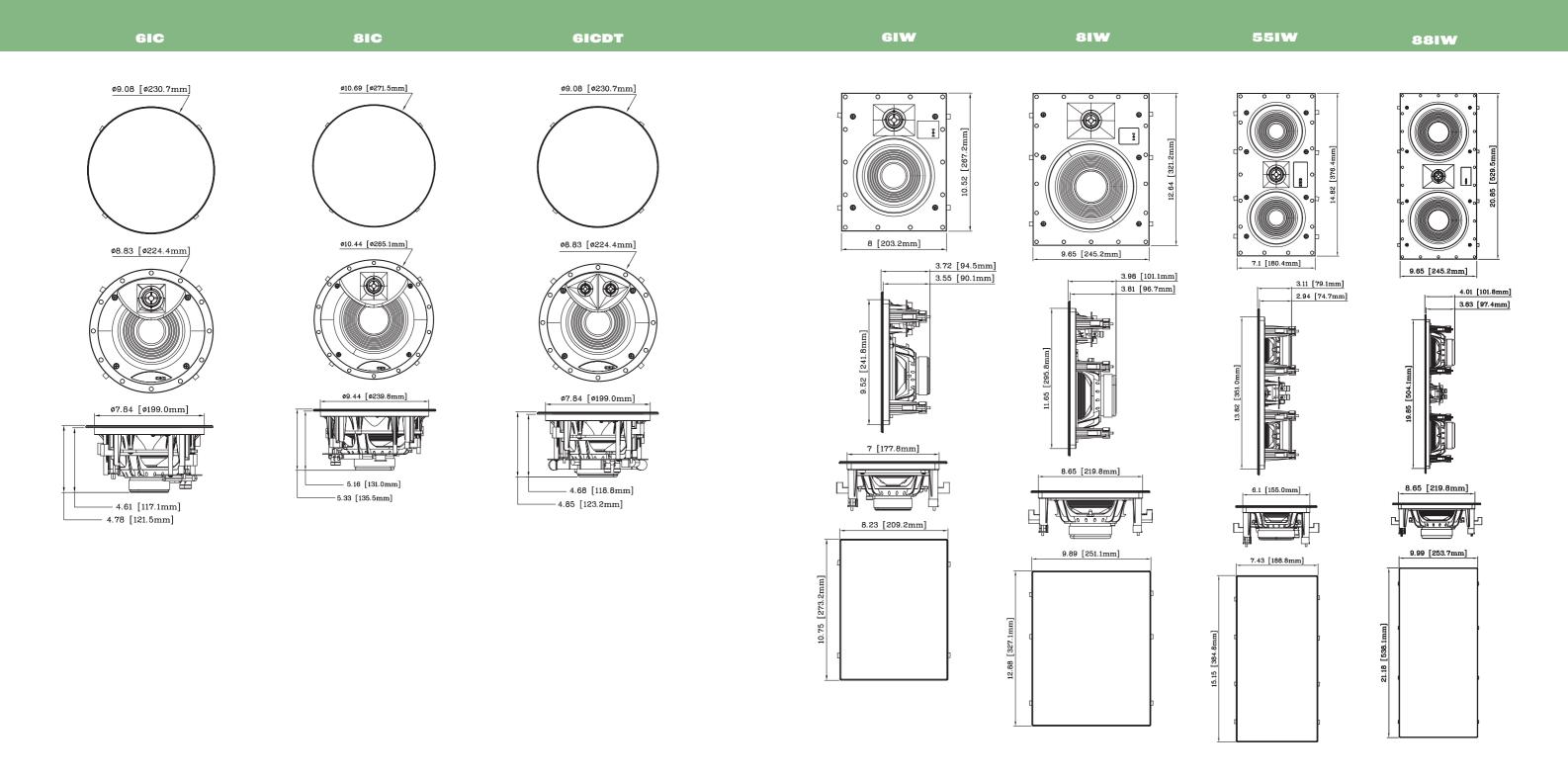


STUDIO 2 / TECHNICAL SPECIFICATIONS

51

	6IC	8IC	GICDT	6IW	8IW	55IW	88IW
Impedance:	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Recommended Amplifier Power:	80W	100W	80W	80W	100W	120W	150W
Frequency Response:	38Hz - 20kHz	30Hz - 20kHz	38Hz - 20kHz	38Hz - 20kHz	30Hz - 20kHz	40Hz - 20kHz	30Hz - 20kHz
Crossover Frequency:	2.5kHz	2.1kHz	3.7kHz	3.0kHz	2.8kHz	2.7kHz	2.8kHz
Loudspeaker Sensitivity:	86dB 2.83V @ 1m	88dB 2.83V @ 1m	86dB 2.83V @ 1m	86dB 2.83V @ 1m	88dB 2.83V @ 1m	88dB 2.83V @ 1m	88dB 2.83V @ 1m
Low Frequency Driver Size and Material:	6-1/2" (165mm) Polyplas® Woofer	8" (203mm) Polyplas® Woofer	6-1/2" (165mm) Polyplas® Woofer	6-1/2" (165mm) Polyplas® Woofer	8" (203mm) Polyplas® Woofer	Dual 5-1/4" (133mm) Polyplas® Woofer	8" (203mm) Polyplas® Woofer
High Frequency Driver Size and Material:	1" (25mm) Pivoting CMMD® Lite Tweeter	1" (25mm) Pivoting CMMD® Lite Tweeter	2×3/4" (19mm) Pivoting CMMD® Lite Tweeter	1" (25mm) Pivoting CMMD® Lite Tweeter	1" (25mm) Pivoting CMMD® Lite Tweeter	1" (25mm) Pivoting CMMD® Lite Tweeter	1" (25mm) Pivoting CMMD® Lite Tweeter
High Frequency Control:	+/- 3dB	+/- 3dB	+/- 3dB	+/- 3dB	+/- 3dB	+/- 3dB	+/- 3dB
Cutout Dimensions:	(D) 8" (203mm)	(D) 9-5/8" (244mm)	(D) 8" (203mm)	(H x W) 9-13/16" x 7-9/32" (249mm x 185mm)	(H x W) 11-15/16" x 8-15/16" (303mm x 227mm)	(H x W) 14-1/8" x 6-13/32" (359mm x 163mm)	(H x W) 20-1/16" x 9" (510mm x 227mm)
Grille Finished Dimensions:	(D) 9-3/32" (231mm)	(D) 10-11/16" (272mm)	(D) 9-3/32" (231mm)	(H x W) 10-7/8" x 8-11/32" (276mm x 212mm)	(H x W) 13" x 10" (330mm x 254mm)	(H x W) 15-1/8" x 7-13/32" (384mm x 188mm)	(H x W) 21-3/16" x 10" (538mm x 254mm)
Mounting Depth:	4-11/16" (119mm)	5-13/64" (132mm)	4-11/16" (119mm)	3-19/32" (91mm)	3-13/16" (97mm)	3.0" (76mm)	3-13/16" (96mm)
Compatible Wall Material Thickness:	0.5" – 2.0" (12mm – 51mm)	0.5" – 2.0" (12mm – 51mm)	0.5" – 2.0" (12mm – 51mm)	0.5" – 2.0" (12mm – 51mm)	0.5" – 2.0" (12mm – 51mm)	0.5" – 2.0" (12mm – 51mm)	0.5" – 2.0" (12mm – 51mm)
Shipping Units of Measure:	Each	Each	Each	Each	Each	Each	Each
Warranty:	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Pre-Construction Bracket Part number:	PCK6C	PCK8C	PCK6C	PCK6	PCK8	PCK55	-

Technical Specifications | STUDIO 2



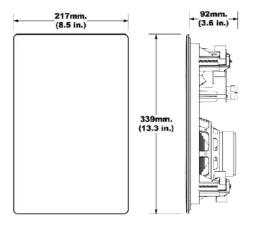
STAGE 2 / TECHNICAL SPECIFICATIONS

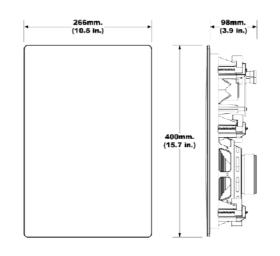
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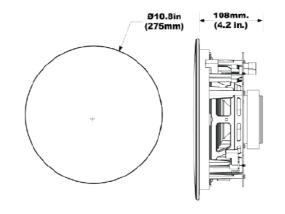
	260W	280W	250WL	260C	280C	260CDT	260CSA	280CSA
High Frequency Transducer:	1" (25mm) Aluminum dome with High-Definition Imaging (HDI TM) horn	1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) horn	1" (25mm) Aluminum dome with High-Definition Imaging (HDI TM) horn	1" (25mm) Aluminum dome with Acoustic Lens	1" (25mm) Aluminum dome with Acoustic Lens	Dual 3/4" (20mm) Aluminum dome with Acoustic Lens	1" (25mm) Aluminum dome with Acoustic Lens	1" (25mm) Aluminum dome with Acoustic Lens
Low Frequency Transducer:	6.5" (165mm) Polycellulose cone woofer	8" (200mm) Polycellulose cone woofer	Dual 5.25" (130mm) Polycellulose cone woofer	6.5" (165mm) Polycellulose cone woofer	8" (200mm) Polycellulose cone woofer	Dual VC 6.5" (165mm) Polycellulose cone woofer	6.5" (165mm) Polycellulose cone woofer	8" (200mm) Polycellulose cone woofer
Recommended Power:	20-100W RMS	20-120W RMS	20-120W RMS	20-100W RMS	20-120W RMS	20-75W RMS	20-100W RMS	20-120W RMS
Frequency Response:	50Hz-25kHz (-6dB on-axis)	42Hz-25kHz (-6dB on-axis)	52Hz-25kHz (-6dB on-axis)	50Hz-25kHz (-6dB on-axis)	42Hz-25kHz (-6dB on-axis)	50Hz-25kHz (-6dB on-axis)	50Hz-25kHz (-6dB on-axis)	42Hz-25kHz (-6dB on-axis)
Sensitivity (2.83V@1m):	87dB	90dB	90dB	87dB	90dB	90dB	87dB	90dB
Impedance:	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Crossover Frequency:	1900Hz	1700Hz	2100Hz	3000Hz	3400Hz	2900Hz	2800Hz	2900Hz
Inputs:	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors	Nickel-plated spring-loaded connectors
Grille Dimensions:	H 19.5in (496mm) x W 7.6in (194mm)	H: 13.3in (339mm) x W 8.5in (217mm)	H: 15.7in (400mm) x W 10.5in (266mm)	Dia: 9.2in (233mm)	Dia: 10.8in (275mm)	Dia: 9.2in (233mm)	H: 9.8in (248mm) x W 9.8in (248mm)	H 11.4in (289mm) x W 11.4in (289mm)
Cutout Dimensions:	H: 12.2in (311mm) x W: 7.2in (184mm)	H: 14.6in (372mm) x W: 9.4in (238mm)	H: 18.1in (460mm) x W: 6.4in (162mm)	Dia: 8in (203mm)	Dia: 9.6in (244mm)	Dia: 8in (203mm)	H: 8.6in (219mm) x W: 8.6in (219mm)	H: 10.2in (260mm) x W: 10.2in (260mm)
Mounting Depth:	3.8in (96mm)	3.6in (92mm)	3.9in (98mm)	3.9in (100mm)	4.3in (108mm)	4.2in (106mm)	5in (127mm)	5.4in (138mm)

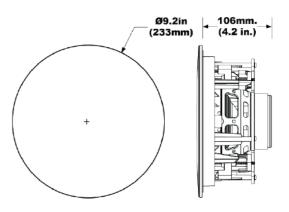
Technical Specifications | STAGE 2

260W 280C 260CDT

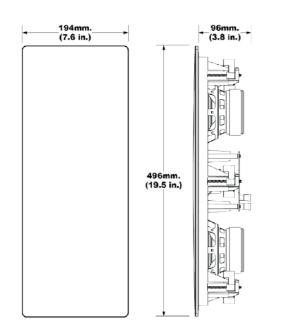


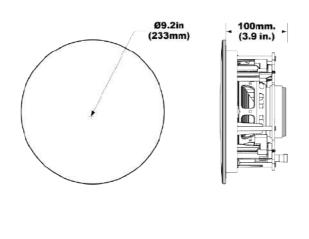


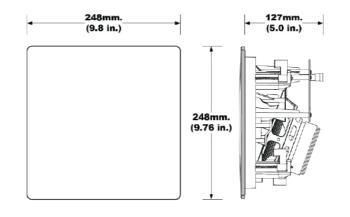


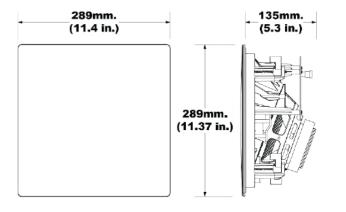


250WL 260CSA 260CSA 280CSA 280CSA







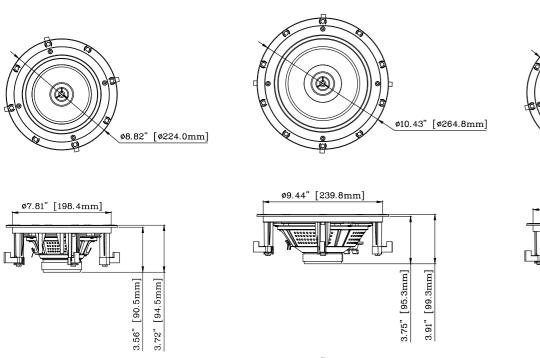


B SERIES / TECHNICAL SPECIFICATIONS

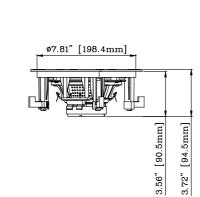
	GIC	8IC	GICDT	61W	81W
Nominal Impedance:	4Ω	4Ω	4Ω	4Ω	4Ω
Power (RMS/Peak):	35/140W	40/160W	35/140W	35/150W	45/160W
Frequency Response:	50Hz – 20kHz	45Hz – 20kHz	50–20kHz	50Hz – 20kHz	45Hz – 20kHz
Loudspeaker Sensitivity:	90dB	92dB	90dB	91dB	91dB
Woofer:	6.5" (165mm) Poly woofer	8" (203mm) Poly woofer	6.5" (165mm) Poly woofer	6.5" (165mm) Poly woofer	8" (203mm) Poly woofer
Tweeter:	0.5" (13mm) Polymer Tweeter	0.5" (13mm) Polymer Tweeter			
Cutout Dimensions:	7.9" (202mm)	9.6" (243mm)	7.9" (202mm)	9.7" x 7.2" (246mm x 182mm)	11.7" x 8.8" (299mm x 223mm)
Grille Finished Dimensions:	9.1" (232mm)	10.7" (272mm)	9.1" (232mm)	8.4" x 10.9" (213mm x 277mm)	10" x 12.9" (255mm x 329mm)
Mounting Depth:	3.6" (92mm)	3.9" (100mm)	3.6" (92mm)	3.3" (84mm)	3.7" (96mm)

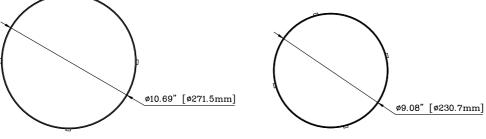
GIC SIC GICDT GIW SIW

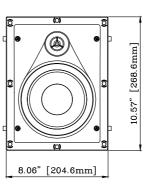
ø8.82" [ø224.0mm]

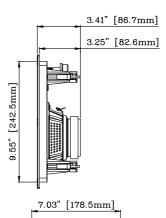


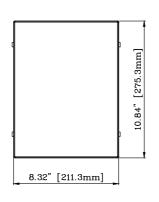
ø9.08" [ø230.7mm]

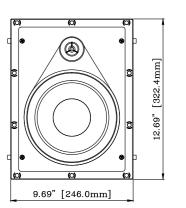


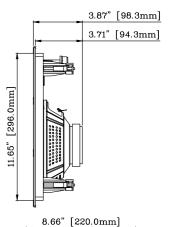


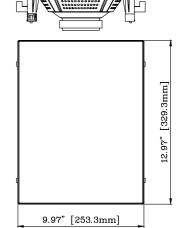








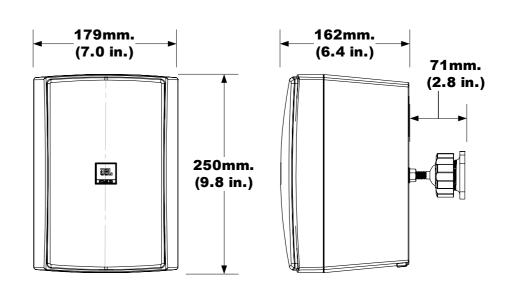




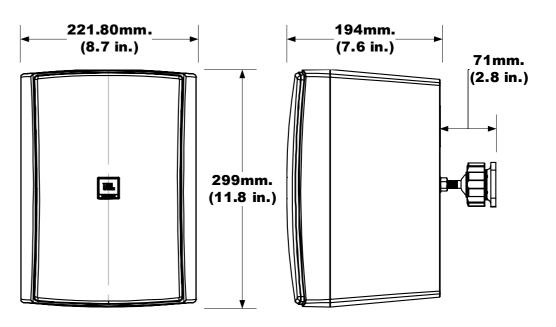
STAGE XD / TECHNICAL SPECIFICATIONS

XD-5 XD-6 XD-5

Weatherproof Rating:	IP67	IP67
High Frequency Transducer:	1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) waveguide	1" (25mm) Aluminum dome with High-Definition Imaging (HDI™) waveguide
Low Frequency Transducer:	5.25" (130mm) Polypropylene Cone Woofer	6.5" (165mm) Polypropylene Cone Woofer
Impedance:	6Ω	6Ω
Loudspeaker Sensitivity:	86dB	88dB
Recommended Amplifier Power:	20-100W RMS	20-100W RMS
Frequency Response:	(-6dB On-Axis): 75Hz-25kHz	(-6dB On-Axis): 55Hz-25kHz
Crossover Frequency:	2500K	2500K
Operating Temperature:	-35° C (-31° F) to 75° C (167°F)	-35° C (-31° F) to 75° C (167°F)
Product Dimensions (HxWxD):	9.84in (249.9mm) x 7.17in (182.1mm) X 6.37in (161.8mm)	11.77in (299mm) x 8.73in (221.8mm) X 7.64in (194.1mm)
Weight:	2.3lbs (5kg)	2.9lbs (6.5kg)
Wall Mount Extension:	2.8in (71mm)	2.8in (71mm)



XD-6



Technical Specifications | STAGE XD

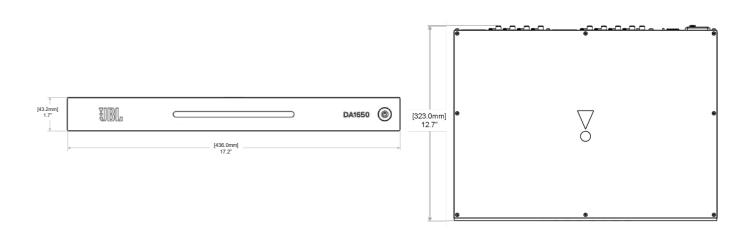
Technical Specifications | STAGE XD

DISTRIBUTION AMPS / TECHNICAL SPECIFICATIONS

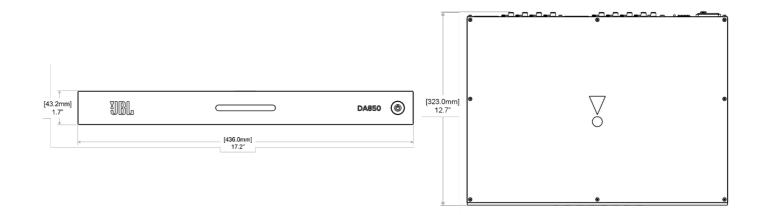
65

DA1650 DA850 DA1650

Analog audio input:	16 x RCA (Single Ended)	8 x RCA (Single Ended)
Stereo analog global output (global input looped to global output):	2 x RCA (Single Ended)	2 x RCA (Single Ended)
Speaker output:	Phoenix block connectors, accommodates up to 12AWG wire	Phoenix block connectors, accommodates up to 12AWG wire
12V trigger control:	1 × 3.5mm (in) 1 × 3.5mm (out)	1 × 3.5mm (in) 1 × 3.5mm (out)
Global input select:	8 × 2-position dip switches	4 × 2-position dip switches
Bridge/Mono select:	8 × 2-position dip switches	4 × 2-position dip switches
Power Mode select:	1 × 3-position switch – always on, 12V, auto sense	1 × 3-position switch – always on, 12V, auto sense
Frequency Response:	20Hz-20kHz +/-0.5dB, at 1/8th power, all loads	20Hz-20kHz +/-0.5dB, at 1/8th power, all loads
THD+N (max), at rated power, 20-20kHz:	<0.1%	<0.1%
Signal to noise ratio (min), A-weight, 20-20kHz, 8 Ω mode:	>100dB	>100dB
Dimensions (H x W x D):	1.7" x 17.2" x 12.7" (43.7mm x 436.0mm x 323.0mm)	1.7" x 17.2" x 12.7" (43.7mm x 436.0mm x 323.0mm)
Dimensions inc. feet (H x W x D):	1.75" x 17.2" x 12.7" (44.5mm x 436.0mm x 323.0mm)	1.75" x 17.2" x 12.7" (44.5mm x 436.0mm x 323.0mm)
Net Weight:	4.5kg	4.5kg



DA850



Contact

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Waterbeach
Cambridge
CB25 9PB
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