



is a Commercial Audio Product brand designed by a team of dedicated industry professionals with more than a hundred years combined experience in the Design, Installation and Marketing of PA Solutions.

inDESIGN BA Series Power Amplifiers - Features

The inDESIGN BA Series Power Amplifiers are high quality amplifiers for commercial and installed audio applications.

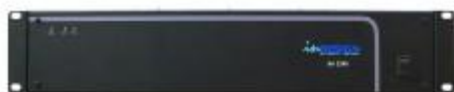
The BA Series Power Amplifiers provide either 4 Ohm or 100V speaker outputs.

The amplifiers are part of inDESIGN’s Install Series, which also includes mixers and power amplifiers. These units provide excellent features and value.

inDESIGN BA2240-1 2-Channel Basic Power Amplifier

Specifications:

- Output power: 2 x 240W
- AC power supply: 230VAC – 240VAC
- Output low impedance: 4 ohm – 8 ohm
- Hi impedance output: 70V / 20 ohm, 100V / 40 ohm
- Input sensitivity: Balance input 1V
- Frequency response: 50Hz-18Khz, + / – 2dB. At -3dB rated power
- Noise floor (at 100V): 4mV
- THD (100V at -3dB rate power): 0.10 %
- Cooling: Fan cooling, Thermal control
- Size – mm: 485 (W) x 88 (H) x 370 (D)
- Weight – kg (Net): 15.2



inDESIGN BA4120-1 4-Channel Basic Power Amplifier

Specifications:

- Output power: 4 x 120W
- AC power supply: 230VAC – 240VAC
- Output low impedance: 4 ohm – 8 ohm
- Hi impedance output: 70V / 40 ohm, 100V / 80 ohm
- Input sensitivity: Balance input 1V
- Frequency response: 50Hz-18Khz, + / – 2dB. At -3dB rated power
- Noise floor (at 100V): 4mV
- THD (100V at -3dB rate power): 0.10 %
- Cooling: Fan cooling, Thermal control
- Size – mm: 485 (W) x 88 (H) x 370 (D)
- Weight – kg (Net): 17.3



inDESIGN BA460-1 4-Channel Basic Power Amplifier

Specifications:

- Output power: 4 x 60W
- AC power supply: 230VAC – 240VAC
- Output low impedance: 4 ohm – 8 ohm
- Hi impedance output: 70V / 80 ohm, 100V / 160 ohm
- Input sensitivity: Balance input 1V
- Frequency response: 50Hz – 18KHz, + / – 2dB. At -3dB rated power
- Noise floor (at 100V): 4mV
- THD (100V at -3dB rate power): 0.10 %
- Cooling: Fan cooling, Thermal control
- Size – mm: 485 (W) x 88 (H) x 370 (D)
- Weight – kg (Net): 14



inDESIGN BM8

8-Channel Strip Mixer/Pre-Amplifier

Features:

- 8 x mic/line inputs on phoenix style connectors
- Channel 1 with switchable +48VDC phantom power and vox mute
- Built in chime/alert and evac tones to AUS standards
- Individual channel bass & treble controls and master volume
- 1RU

Specifications:

Mic Inputs

- Connectors (Mic/Line) : Euro Block / RCA
- Impedance (Mic/Line) : 1k Ω / 13.6k Ω
- Gain (Mic/Line) : 20dB to 50dB / 0dB to 20dB
- Max Input Level (Mic/Line): -28dBu / +10dBu
- Frequency Response: 20Hz – 20kHz
- S/N: -86dBu
- THD+N: 0.3% (20Hz – 20kHz, +4dBu)
- Phantom Power: 48V
- Tone Frequency/Control Range: 100Hz / 10kHz

Balanced Outputs

- Output Impedance (Mic/Line) : 51.1 Ω / 150 Ω
- Max. Output (Mic/Line): -16dBu / +24dBu
- S/N: 90dB
- THD+N: 0.01% (20Hz – 20kHz, +4dBu)

Crosstalk

- 75dB @ 1kHz
- Mains Voltage
- 240 VAC, 50/60Hz, 10 Watts
- Unit
- Construction: All Steel
- Size: 4.4cm x 48.3cm x 16cm
- Weight: 1.8kg



inDESIGN BMA120-1

BMA 120 - 100V Mixer Amplifier

Features:

- The inDESIGN BMA 120 is a high quality mixer amplifier for commercial and industrial audio applications.
- The BMA series feature 4 Mic/line inputs. Microphone input 1 features a mute so that a Microphone on this channel will mute all other inputs, useful for paging announcements. The BMA Series provide either 4 Ohm or constant voltage 100V speaker outputs. A pre-amp out/power amp in link allows for the mixer audio signal to be sent to an external equaliser or a booster amplifier. Shipped with a link fitted.
- The mixer amplifiers are part of inDESIGN's Install Series, which also includes mixers and power amplifiers. These units provide excellent features and value.

Specifications:

- Output power: 120W
- AC power supply: 230VAC – 240VAC
- Output low impedance: 4 ohm – 8 ohm
- Hi impedance output:
- 70V / 40 ohm
- 100V / 80 ohm
- Input sensitivity:
- Microphone balanced XLR, 4mV
- Line RCA 500mV
- Pre-Out: Line output level 650mV
- Frequency response: 50Hz-18Khz, + / – 2dB. At -3dB rated power
- Noise floor: 9mv at 100V output
- THD (at -3dB rate power): 0.40%
- Tone control: Bass 100Hz + – 10dB, Treble 10kHz + – 10dB
- Control: Input level, tone control, master level, VOX
- VOX: CH 1 has priority over CH2, 3, 4. (AFL)
- Phantom power: 48V at CH 1 MIC XLR
- Cooling: Convection Cooling
- Protection: Thermal protected at 95 degrees, muted input, short circuit, overload
- Level meter: LED meter, range -24dB / 0dB
- Size (mm): 485 x 88 x 275
- Weight KG (Net): 8.7



inDESIGN BMA240-1

BMA 240 – 100V Mixer Amplifier

Features:

- The inDESIGN BMA 120 is a high quality mixer amplifier for commercial and industrial audio applications.
- The BMA series feature 4 Mic/line inputs. Microphone input 1 features a mute so that a Microphone on this channel will mute all other inputs, useful for paging announcements. The BMA Series provide either 4 Ohm or constant voltage 100V speaker outputs. A pre-amp out/power amp in link allows for the mixer audio signal to be sent to an external equaliser or a booster amplifier. Shipped with a link fitted.
- The mixer amplifiers are part of inDESIGN's Install Series, which also includes mixers and power amplifiers. These units provide excellent features and value.

Specifications:

- Output power: 240W
- AC power supply: 230VAC – 240VAC
- Output low impedance: 4 ohm – 8 ohm
- Hi impedance output:
70V / 20 ohm
100V / 41 ohm
- Input sensitivity:
Microphone balanced XLR, 4mV
Line RCA 500mV
- Pre-Out: Line output level 650mV
- Frequency response: 50Hz – 18Khz, + / – 2dB. At -3dB rated power
- Noise floor: 8mV at 100V output
- THD (at -3dB rate power): Less than 0.5%
- Tone control: Bass 100Hz + – 10dB, Treble 10kHz + – 10dB
- Control: Input level, tone control, master level, VOX
- VOX: CH 1 has priority over CH2, 3, 4. (AFL)
- Phantom power: 48V at CH 1 MIC XLR
- Cooling: Fan cooling, Thermal control
- Protection: Thermal protected at 95 degrees, muted input, short circuit, overload
- Level meter: LED meter, range -24dB / 0dB
- Size (mm): 485 x 88 x 315
- Weight KG (Net): 11



inDESIGN EZ5-10MK2

EZ Fit 5.25 Coaxially Loaded 2-way Speaker

Features:

- Silk dome tweeter
- 100V with new EZ-TAP selector
- 20 watts at 8 ohms
- Taps at 10w, 5w, 2.5w and 1.25w and 8 ohm setting
- 88dB SPL 1w/1m
- New EZ-BLOCK speaker terminals with 22uF inline supervisory capacitor
- 1kg

Specifications:

- Impedance : 8ohms at 20 watts
- Speaker Size: 5 – ¼" 133.35mm
- SPL 1W @ 1m: 87dB
- Freq Response ± 5dB: 55Hz – 20kHz
- Transformer Taps:
10W, 5W, 2.5W, 1.25W
8ohm at 20W RMS
- Cold Test: -25° ± 3° C 16H
- Heat Test: 70° ± 3° C 16H
- Connection: 4 Pin Connector for Speaker Line In/Out 5 Jumper Setting for 5 Wattage Selection
- Weight: 1kg
- Mid Range: Paper Cone
- Tweeter: 13mm PEI Dome Tweeter
- Connection: 4 Pin Connector for Speaker Line In/Out 6 Jumper Setting for 6 Wattage Selection
- Weight: 1.5kg
- Mid Range: Paper Cone
- Tweeter: 13mm PEI Dome Tweeter



inDESIGN EZ8-15MK2

EZ Fit 8" Coaxially Loaded 2-way Speaker

Features:

- Silk dome tweeter
- 100V with new EZ-TAP selector
- 30 watts at 8 ohms
- Taps at 15w, 10w, 5w, 2.5w and 1.25w and 8 ohm setting (raw speaker has 80 watts capacity at 8ohms)
- 87dB SPL 1w/1m
- New EZ-BLOCK speaker terminals with 22uF inline supervisory capacitor
- 1.5kg
- Impedance: 8ohms at 30 watts
- Speaker Size: 8" 203.2mm
- SPL 1W @ 1m: 88dB
- Freq Response \pm 5dB: 50Hz – 20kHz
- Transformer Taps:
15W, 10W, 5W, 2.5W, 1.25W
8ohm at 30W RMS
- Cold Test: $-25^{\circ} \pm 3^{\circ}$ C 16H
- Heat Test: $70^{\circ} \pm 3^{\circ}$ C 16H

Specifications:

- Impedance: 8ohms at 30 watts
- Speaker Size: 8" 203.2mm
- SPL 1W @ 1m: 88dB
- Freq Response \pm 5dB: 50Hz – 20kHz
- Transformer Taps:
15W, 10W, 5W, 2.5W, 1.25W
8ohm at 30W RMS
- Cold Test: $-25^{\circ} \pm 3^{\circ}$ C 16H
- Heat Test: $70^{\circ} \pm 3^{\circ}$ C 16H
- Connection: 4 Pin Connector for Speaker Line In/Out 6 Jumper Setting for 6 Wattage Selection
- Weight: 1.5kg
- Mid Range: Paper Cone
- Tweeter: 13mm PEI Dome Tweeter



inDESIGN Speakers - Features:

- 100V with power taps at 20, 10, 5 and 2.5 watts
- 8 ohms
- Comes with metal U mount bracket
- Available in black or white
- Price per pair



inDESIGN WS45S - 4" 2-Way Speaker

Specifications:

- Speakers:
4" woofer
1" silk dome tweeter
- Power Taps: 2.5/5/10/20W 8 Ω
- Line Voltage: 70V / 100V
- Sensitivity: 87dB (1m,1W)
- Frequency Response: 90-20kHz
- Dimensions (mm): 220 x 150 x 135
- Material: H.I.P.S
- Weight (kg): 2.5

inDESIGN WS65S - 6" 2-Way Speaker

Specifications:

- Speakers:
6" woofer
1" silk dome tweeter
- Power Taps: 5/10/20/40W 8 Ω
- Line Voltage: 70V / 100V
- Sensitivity: 87dB (1m,1W)
- Frequency Response: 90-20kHz
- Dimensions (mm): 310 x 213 x 195
- Material: H.I.P.S
- Weight (kg): 3.7

inDESIGN WS85S - 8" 2-Way Speaker

Specifications:

- Speakers:
8" woofer
1" silk dome tweeter
- Power Taps: 7.5/15/30/60W 8 Ω
- Line Voltage: 70V / 100V
- Sensitivity: 88dB (1m,1W)
- Frequency Response: 40-20kHz
- Dimensions (mm): 417 x 289 x 255
- Material: H.I.P.S
- Weight (kg): 6.6

inDESIGN iDH10-1

10W, 100V Line Round Paging Horn

Features:

- Maximum SPL 120dB
- Taps at 10, 5 and 2.5 watts
- ABS construction
- IP66 rated
- White

inDESIGN iDH30-1

10W, 100V Line Round Paging Horn

Features:

- Maximum SPL 122dB
- Taps at 30,15 and 7.5 watts
- ABS construction
- IP66 rated
- White



inDESIGN MP25SH-R

Features:

- 25 Watt (50 Watt max.) over the shoulder style megaphone/loudhailer (Red & White) with fist mic, auto siren/talk switch.
- Takes 8 x C cell batteries, suitable for up to 700 metres in ideal conditions. 350mm long, 230mm horn diameter, 1.5kg without batteries, comes in colour retail packaging.

Specifications:

- Power Output: 25W Rate, Max. 50W
- Voice Range: 700 metres (0.7km)
- Power Source: 8 x UM-2 (C) Cells
- Battery Life: 8-10 Hours
- Microphone: Unidirectional
- Dimensions:
Horn Diameter: 230mm
Length: 370mm
- Weight: 1.5kg without Battery



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