

● PRODUCT PROFILE • 2026

Clear sound for every space.

Loudspeakers, amplifiers, audio-IT integration and wall amplifiers —
one ecosystem, designed to work together from day one.

● ABOUT BEST AUDIO

Commercial audio. Done differently.

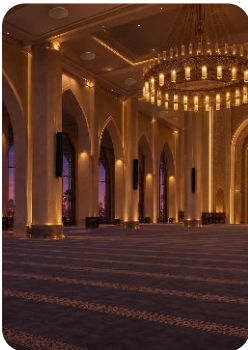
The world of commercial audio has been traditional and unnecessarily complex for too long. Best Audio takes a fresh approach: a streamlined portfolio of products that work seamlessly together, install quickly, and can be operated by anyone — not just engineers.

- **Streamlined range** — fewer SKUs, less guesswork.
- **Multi-zone by design** — built for multi-zone venues from the ground up.
- **Easy control** — installer-grade control with a staff-friendly interface.

“Relax, it's Best Audio.”



● WHERE IT WORKS



Mosques

Clear recitation to every row.



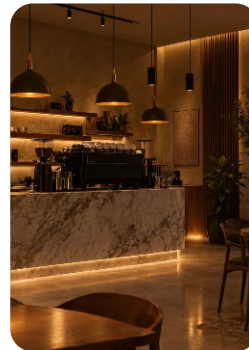
Retail

Discreet in-ceiling sound.



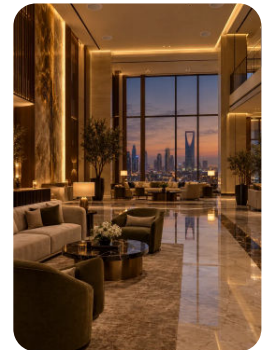
Education

Clear speech and simple scheduling.



Cafés & restaurants

Zone-by-zone background music.



Hotels & leisure

Each space with its own mood.

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The range.

29 products across four categories. Every model is available with a full downloadable datasheet at bestaudioltd.co.uk.

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On-Wall Speakers

W-520 • W-640 • W-860

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PS-530K

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Wall Amplifiers

A4Z • HZ10



● 01 • 8 MODELS

Loudspeakers

Ceiling, on-wall, pendant and column speakers for every space.

Ceiling Speakers

C-620 • C-640 • C-840

On-Wall Speakers

W-520 • W-640 • W-860

Pendant Speakers

PS-530K

Column Speakers

BCL308BF



CEILING SPEAKERS

[Datasheet PDF ↗](#)

C-620

6.5" 2-Way Ceiling Speaker

30 W • 100 V / 8 Ω • 90 dB • 60 Hz — 20 kHz

High-grade, slim-line 2-way ceiling speaker.

- 100 V line ceiling speaker with built-in transformer and back can.
- Hi-flex polypropylene cone main driver for extended low-frequency response.
- 6.5" bass driver with 1" tweeter.

Power Output	30 W / 60 W max (8 Ω)
Power Taps (100 V)	30 / 15 / 7.5 / 3.8 W & 8 Ω
Sensitivity (1 W / 1 m)	90 dB
Max. SPL	103 dB
Frequency Response	60 Hz — 20 kHz
Speaker Unit	6.5" bass + 1" tweeter, 2-way system
Finish	Baffle: ABS, black • Grille: magnetic steel, white
Cut-out Size	Ø 205 mm



CEILING SPEAKERS

[Datasheet PDF ↗](#)

C-640

6.5" Coaxial Ceiling Speaker

60 W • 8 Ω / 100 V / 70 V • 90 dB • 85 Hz — 20 kHz

6.5" coaxial driver with 1" dome tweeter for wide, even coverage.

- High sound pressure level output and large dynamic range.
- Selectable input: 8 Ω low impedance or 100 V / 70 V line.
- 100 V taps: 40 / 20 / 10 / 5 W • 70 V taps: 20 / 10 / 5 / 2.5 W.

Speaker Unit	1 × 6.5" + 1 × 1" dome, coaxial design
Input Mode	8 Ω / 100 V / 70 V
Rated Power (8 Ω)	60 W (240 W peak)
Power Taps (100 V)	40 / 20 / 10 / 5 W
Power Taps (70 V)	20 / 10 / 5 / 2.5 W
Frequency Response	85 Hz — 20 kHz
Sensitivity (1 W / 1 m)	90 dB
Max. SPL (rated band)	110 dB



CEILING SPEAKERS

[Datasheet PDF ↗](#)

C-840

6.5" 2-Way Ceiling Speaker

40 W • 100 V / 70 V / 8 Ω • 96 dB • 60 Hz — 20 kHz

High-grade, slim-line 2-way ceiling speaker.

- 100 V / 70 V line ceiling speaker with built-in transformer and ABS back can.
- Hi-flex polypropylene cone main driver for extended low-frequency response.
- Built-in crossover for clear highs and powerful bass.

Power Output	40 W / 80 W max (8 Ω)
Power Taps (100 V / 70 V)	40 / 20 / 10 / 5 W & 8 Ω
Sensitivity (1 W / 1 m)	96 dB
Max. SPL	121 dB
Frequency Response	60 Hz — 20 kHz
Radiation Angle	150°
Speaker Unit	6.5" bass + 1.5" tweeter, 2-way system
Finish	Baffle: ABS, black • Grille: magnetic steel, white • ABS fire dome



ON-WALL SPEAKERS

[Datasheet PDF ↗](#)

W-520

EN54-24 Wall Mount Speaker

5.25" • 30 W • 100 V / 70 V / 8 Ω • EN54-24

Compliant with the EN54-24 standard for voice alarm systems.

- Commercial public address speaker with 100 V / 70 V transformer.
- Ideal for background music in schools, offices, hotels and airports.
- Power taps: 30 / 15 / 7.5 / 3.75 W & 8 Ω.

Rated Power Output	30 W
Power Taps	30 / 15 / 7.5 / 3.75 W & 8 Ω
Line Input	100 V or 70 V
Frequency Response	60 Hz — 20 kHz
Sensitivity (1 W / 1 m)	91 ± 3 dB
Speaker Unit	5.25" paper dual-cone
Standard	EN54-24
Dimensions (H × W × D)	230 × 160 × 135 mm

ON-WALL SPEAKERS

[Datasheet PDF ↗](#)

W-640

Weatherproof Wall Mount Speaker

6.5" 2-Way • 40 W • 100 V / 70 V / 8 Ω • IP66

All-weather loudspeaker for music applications and projects.

- Ideal for indoor and outdoor BGM and paging systems.
- IP66 waterproof finish for extreme weather conditions.
- 6.5" weatherproof woofer and 1" silk tweeter, 2-way speaker system.



Rated Power Output	40 W (Max. 80 W)
Power Taps	40 / 20 / 10 / 5 / 2.5 W & 8 Ω
Line Input	100 V / 70 V & 8 Ω
Frequency Response	65 Hz — 20 kHz
Sensitivity (1 W / 1 m)	94 $\pm$ 3 dB
Max. SPL (1 m)	112 dB
IP Rating	IP66
Speaker Unit	6.5" weatherproof woofer + 1" silk tweeter, 2-way system

ON-WALL SPEAKERS

[Datasheet PDF ↗](#)

W-860

Indoor / Outdoor Wall Mount Speaker

8" 2-Way • 60 W • 100 V / 70 V / 8 Ω • IP66

All-weather loudspeaker for music applications and projects.

- IP66 waterproof finish for extreme weather applications.
- 8" weatherproof woofer and 2" silk tweeter, 2-way speaker system.
- ABS enclosure with stainless metal grille and stainless mounting bracket.



Rated Power Output	60 W (Max. 120 W)
Power Taps	60 / 30 / 15 / 7.5 W & 8 Ω
Line Input	100 V or 70 V & 8 Ω
Frequency Response	40 Hz — 20 kHz
Sensitivity (1 W / 1 m)	97 $\pm$ 3 dB, Max. SPL 118 dB (1 m)
IP Rating	IP66
Speaker Unit	8" weatherproof woofer + 2" silk tweeter, 2-way
Dispersion (@ 1 kHz)	110° V $\times$ 110° H



PENDANT SPEAKERS

[Datasheet PDF ↗](#)

PS-530K

Pendant Speaker

5.25" 2-Way • 30 W • 100 V / 8 Ω • IP44

Indoor public address (PA) pendant speaker.

- Commercial audio pendant speaker with built-in transformer.
- Ideal for background music (BGM) and paging systems.
- Indoor applications: restaurants, offices, auditoriums, gymnasiums and shopping malls.

Power Taps (100 V)	30 / 15 / 7.5 / 3.8 W & 8 Ω
Speaker Unit	5.25" woofer + 1" tweeter, 2-way system
Frequency Response	65 Hz — 20 kHz
Sensitivity (1 W / 1 m)	90 dB
IP Rating	IP44
Dimensions (Ø × H)	Ø 195 × 250 mm
Material	UV-resistant ABS enclosure, metal grille
Color	Black



COLUMN SPEAKERS

[Datasheet PDF ↗](#)

BCL308BF

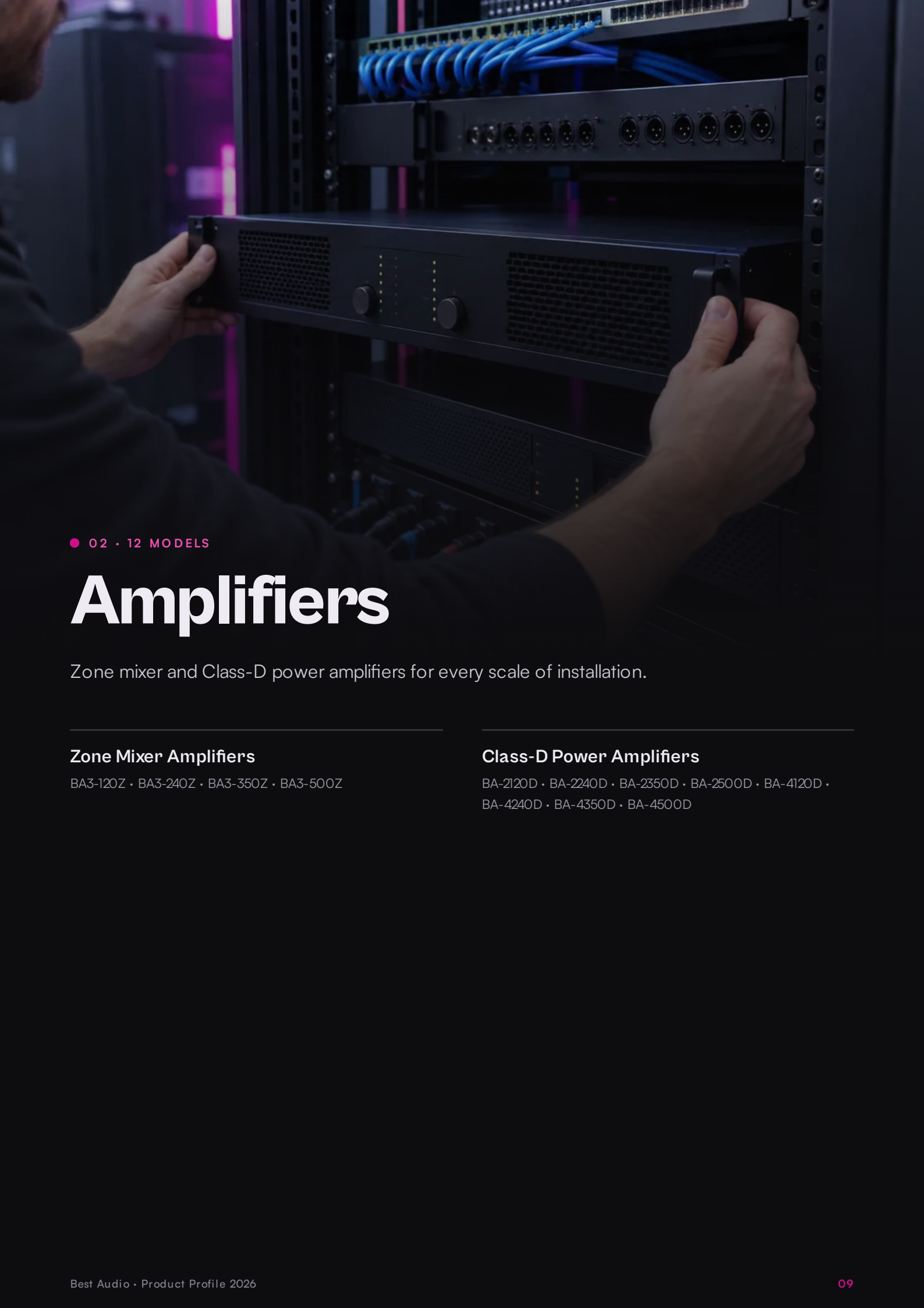
Column Speaker

8 × 3" + 1" • 270 W • 4 Ω • 100 Hz — 19 kHz

Streamlined column design for speech and music reinforcement.

- Precise 28° vertical and uniform, symmetrical 165° horizontal dispersion.
- Clear sound in reverberant spaces with echoes and architectural obstacles.
- 9 asymmetric circular waveguides on the front panel.

Speaker Unit	8 × 3" bass + 1 × 1" tweeter (front-mounted compression equalizer)
Frequency Response	100 Hz — 19 kHz
Rated Impedance	4 Ω
Rated Power	270 W (1080 W peak)
Sensitivity (1 W / 1 m)	94 dB
Max. SPL	115 dB
Dispersion (V × H)	28° × 165°
Waveguide	9 front-mounted asymmetric circular waveguides



● 02 ● 12 MODELS

Amplifiers

Zone mixer and Class-D power amplifiers for every scale of installation.

Zone Mixer Amplifiers

BA3-120Z • BA3-240Z • BA3-350Z • BA3-500Z

Class-D Power Amplifiers

BA-2120D • BA-2240D • BA-2350D • BA-2500D • BA-4120D •
BA-4240D • BA-4350D • BA-4500D



ZONE MIXER AMPLIFIERS

[Datasheet PDF ↗](#)

BA3-120Z

3-Zone Mixer Amplifier

19" 2U • 120 W • 100 V / 70 V / 4—16 Ω • Media Player

The BA3-120Z public address 3-zone mixer amplifier is designed for small, multi-room commercial audio installations, with each loudspeaker zone set to its own output volume.

- Public address (PA) 3-zone mixer amplifier.
- 19" rack-mount design, 2U height.
- Rated power output: 120 W.

Rated Power Output	120 W
Speaker Output	3 $\times$ zone outputs (100 V) / 1 $\times$ output: 4 Ω / 8 Ω / 16 Ω / 70 V / 100 V
Inputs	Mic 1—3: 2.5 mV — Mic 1 (6.3 mm jack), Mic/Line 2—3 (XLR combo) / Aux 1—2: 250 mV, RCA
Control Input	24 V mute input, triggers built-in chime / alert / EVAC messages
Frequency Response	80 Hz — 16 kHz
THD	< 0.1%
S/N Ratio	> 70 dB
Protection	Over-temperature, short circuit, clip & overload



ZONE MIXER AMPLIFIERS

[Datasheet PDF ↗](#)

BA3-240Z

3-Zone Mixer Amplifier

19" 2U • 240 W • 100 V / 70 V / 4—16 Ω • Media Player

The BA3-240Z public address 3-zone mixer amplifier is designed for small, multi-room commercial audio installations, with each loudspeaker zone set to its own output volume.

- Public address (PA) 3-zone mixer amplifier.
- 19" rack-mount design, 2U height.
- Rated power output: 240 W.

Rated Power Output	240 W
Speaker Output	3 $\times$ zone outputs (100 V) / 1 $\times$ output: 4 Ω / 8 Ω / 16 Ω / 70 V / 100 V
Inputs	Mic 1—3: 2.5 mV — Mic 1 (6.3 mm jack), Mic/Line 2—3 (XLR combo) / Aux 1—2: 250 mV, RCA
Control Input	24 V mute input, triggers built-in chime / alert / EVAC messages
Frequency Response	80 Hz — 16 kHz
THD	< 0.1%
S/N Ratio	> 70 dB
Protection	Over-temperature, short circuit, clip & overload

ZONE MIXER AMPLIFIERS

[Datasheet PDF ↗](#)

BA3-350Z

3-Zone Mixer Amplifier

19" 2U • 350 W • 100 V / 70 V / 4–16 Ω • Media Player

The BA3-350Z public address 3-zone mixer amplifier is designed for small, multi-room commercial audio installations, with each loudspeaker zone set to its own output volume.

- Public address (PA) 3-zone mixer amplifier.
- 19" rack-mount design, 2U height.
- Rated power output: 350 W.



Rated Power Output	350 W
Speaker Output	3 $\times$ zone outputs (100 V) / 1 $\times$ output: 4 Ω / 8 Ω / 16 Ω / 70 V / 100 V
Inputs	Mic 1–3: 2.5 mV — Mic 1 (6.3 mm jack), Mic/Line 2–3 (XLR combo) / Aux 1–2: 250 mV, RCA
Control Input	24 V mute input, triggers built-in chime / alert / EVAC messages
Frequency Response	80 Hz — 16 kHz
THD	< 0.1%
S/N Ratio	> 70 dB
Protection	Over-temperature, short circuit, clip & overload

ZONE MIXER AMPLIFIERS

[Datasheet PDF ↗](#)

BA3-500Z

3-Zone Mixer Amplifier

19" 2U • 500 W • 100 V / 70 V / 4–16 Ω • Media Player

The BA3-500Z public address 3-zone mixer amplifier is designed for small, multi-room commercial audio installations, with each loudspeaker zone set to its own output volume.

- Public address (PA) 3-zone mixer amplifier.
- 19" rack-mount design, 2U height.
- Rated power output: 500 W.



Rated Power Output	500 W
Speaker Output	3 $\times$ zone outputs (100 V) / 1 $\times$ output: 4 Ω / 8 Ω / 16 Ω / 70 V / 100 V
Inputs	Mic 1–3: 2.5 mV — Mic 1 (6.3 mm jack), Mic/Line 2–3 (XLR combo) / Aux 1–2: 250 mV, RCA
Control Input	24 V mute input, triggers built-in chime / alert / EVAC messages
Frequency Response	80 Hz — 16 kHz
THD	< 0.1%
S/N Ratio	> 70 dB
Protection	Over-temperature, short circuit, clip & overload



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-2120D

Class-D Two-Channel Power Amplifier

19" 1U • 2 × 120 W • 100 V / 4–16 Ω • Class-D

The BA-2120D Class-D two-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Two-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	2 × 120 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-2240D

Class-D Two-Channel Power Amplifier

19" 1U • 2 × 240 W • 100 V / 4–16 Ω • Class-D

The BA-2240D Class-D two-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Two-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	2 × 240 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-2350D

Class-D Two-Channel Power Amplifier

19" 1U • 2 × 350 W • 100 V / 4–16 Ω • Class-D

The BA-2350D Class-D two-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Two-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	2 × 350 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-2500D

Class-D Two-Channel Power Amplifier

19" 1U • 2 × 500 W • 100 V / 4–16 Ω • Class-D

The BA-2500D Class-D two-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Two-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	2 × 500 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-4120D

Class-D Four-Channel Power Amplifier

19" 1U • 4 × 120 W • 100 V / 4–16 Ω • Class-D

The BA-4120D Class-D four-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Four-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	4 × 120 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-4240D

Class-D Four-Channel Power Amplifier

19" 1U • 4 × 240 W • 100 V / 4–16 Ω • Class-D

The BA-4240D Class-D four-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Four-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	4 × 240 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-4350D

Class-D Four-Channel Power Amplifier

19" 1U • 4 × 350 W • 100 V / 4–16 Ω • Class-D

The BA-4350D Class-D four-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Four-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	4 × 350 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



CLASS-D POWER AMPLIFIERS

[Datasheet PDF ↗](#)

BA-4500D

Class-D Four-Channel Power Amplifier

19" 1U • 4 × 500 W • 100 V / 4–16 Ω • Class-D

The BA-4500D Class-D four-channel power amplifier uses switching power technology for high efficiency (up to 85%) and minimum power consumption, saving rack space and running cooler for a longer service life.

- Class-D digital power amplifier with switching power supply technology.
- High efficiency up to 85%, with minimum power consumption and less heat.
- Four-channel amplifier in a 19" rack-mount, 1U chassis.

Rated Power Output	4 × 500 W
Speaker Output	4–16 Ω & 100 V
Frequency Response	Filter off: 20 Hz — 20 kHz (+1/–2 dB) / Filter on: 70 Hz — 10 kHz (+1/–3 dB)
Input	0.775 V (0 dBu), balanced, Phoenix connector
Input Impedance	10 kΩ
THD	< 0.1% (1 kHz / –3 dBV)
S/N Ratio	> 80 dB
Crosstalk	> 60 dB (1 kHz, max. output)



● 03 • 7 MODELS

Audio-IT Integration

Digital audio processors, control panels and Dante network speakers.

Digital Audio Processors

BA-1208-DAP • BA-1616-DAP • BA-88-DAP • BA-DB44

Control Panels

TP1 PLUS • TP5

Dante Speakers

C-650D

DIGITAL AUDIO PROCESSORS

[Datasheet PDF ↗](#)

BA-1208-DAP

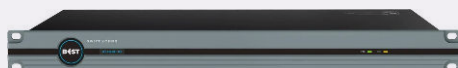
Digital Audio Processor

Up to 16 × 16 Analog I/O • 32-bit DSP • 24-bit / 48 kHz

The BA-1208-DAP digital audio processor combines a high-performance 32-bit floating-point DSP with 24-bit / 48 kHz A/D and D/A conversion and a 21-stage preamplifier circuit.

- High-performance 32-bit floating-point DSP with all-digital processing.
- High-performance A/D and D/A converters, 24-bit / 48 kHz sampling.
- Up to 16 analog inputs and 16 analog outputs (4 / 8 / 12 / 16 channel options) with very low distortion and ultra-low noise.

Analog Inputs / Outputs	4 / 8 / 12 / 16 (per version)
RS232 / RS485 Interfaces	1 / 1
GPIO Interfaces	8, freely configurable as inputs or outputs
RJ45 Interfaces	1
USB Interfaces	1 × USB Type A
Sample Rate / Bit Depth	48 kHz / 24-bit
Preamp Gain	51 dB
Phantom Power	48 V



DIGITAL AUDIO PROCESSORS

[Datasheet PDF ↗](#)

BA-1616-DAP

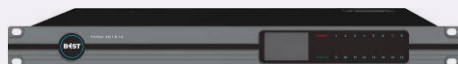
Digital Audio Processor

16 × 16 Analog • Dante 64 × 64 • SHARC DSP • 24-bit / 48 kHz

The BA-1616-DAP is a freely designable audio processing and control system with an open software architecture.

- Analog Devices SHARC 21569 DSP with NXP i.MX ARM processor.
- High-performance A/D and D/A converters, 24-bit / 48 kHz sampling.
- 16 analog inputs and 16 analog outputs with very low distortion and ultra-low noise.

Analog Inputs / Outputs	16 balanced/line inputs, 16 balanced/line outputs
Dante Channels	64 inputs, 64 outputs (AES67 compatible)
RS232 Serial Interfaces	1
GPIO Interfaces	8, freely configurable as inputs or outputs
RJ45 Interfaces	4
USB Interfaces	1 × USB Type A, 1 × USB Type B
Sample Rate / Bit Depth	48 kHz / 24-bit
Preamp Gain	60 dB (3 dB per step, 20 steps)



DIGITAL AUDIO PROCESSORS

[Datasheet PDF ↗](#)

BA-88-DAP

Digital Audio Processor

8 × 8 Analog • Dante 4 × 4 • 32-bit DSP • 24-bit / 48 kHz

The BA-88-DAP digital audio processor combines a high-performance 32-bit floating-point DSP with 24-bit / 48 kHz A/D and D/A conversion and an 8-stage preamplifier circuit.

- High-performance 32-bit floating-point DSP with all-digital processing.
- High-performance A/D and D/A converters, 24-bit / 48 kHz sampling.
- 8 analog inputs and 8 analog outputs with very low distortion and ultra-low noise.



Analog Inputs / Outputs	8 / 8
Dante Inputs / Outputs	4 / 4
RS485 Serial Interfaces	1
GPIO Interfaces	4, freely configurable as inputs or outputs
RJ45 Interfaces	2
Sample Rate / Bit Depth	48 kHz / 24-bit
Preamp Gain	42 dB
Phantom Power	48 V

DIGITAL AUDIO PROCESSORS

[Datasheet PDF ↗](#)

BA-DB44

Digital Audio Processor

4 × 4 Analog • Dante 4 × 4 • USB-C • PoE

The BA-DB44 is a compact digital audio processor with 4 analog inputs and 4 analog outputs, 4 × 4 Dante network channels and a USB-C sound card.

- Compact digital audio processor with 4 analog inputs and 4 analog outputs.
- High-performance 32-bit floating-point DSP with all-digital processing.
- High-performance A/D and D/A converters, 24-bit / 48 kHz sampling.



Analog Inputs / Outputs	4 balanced/line inputs, 4 balanced/line outputs
Dante Channels	4 inputs, 4 outputs
USB-C Sound Card	1
RS232 / RS485 Interfaces	1 / 1
RJ45 Interfaces	2 (Dante & PoE, primary / secondary)
Sample Rate / Bit Depth	48 kHz / 24-bit
Phantom Power	48 V
Frequency Response	20 Hz — 20 kHz, ±0.15 dB



CONTROL PANELS

[Datasheet PDF ↗](#)

TP1 PLUS

Control Panel

1.3" Display • Control Knob • UDP • PoE

The TP1 PLUS control panel lets users remotely control a digital audio processor, adjusting volume or switching application scenes.

- Wall-mounted remote control panel for BEST digital audio processors.
- Adjusts processor volume and switches application scenes.
- Fully programmable to suit the needs of each installation.

Power Supply	PoE (IEEE 802.3af)
Control Protocol	UDP
Control Cable	RJ-45 (CAT-5 / 6 / 7)
Control Cable Length	≤ 100 m
Display Size	1.3"
Control Knob	1
Material	Sandblasted aluminium alloy
Color	Black



CONTROL PANELS

[Datasheet PDF ↗](#)

TP5

Touch Screen Control Panel

5" Touch Screen • TCP/IP • PoE / 12 V DC

The TP5 control panel combines a 5" capacitive touch screen with an all-metal housing.

- 5" capacitive touch screen in an all-metal housing.
- Controls the audio processor over a local network (TCP/IP), with no distance limit.
- No PC set-up needed for the panel.

Touch Screen Size	5"
Display Type	TFT LCD
Resolution	800 × 480 px
Colors	64K colors, 16-bit RGB
Touch	Capacitive
Active Display Area	108 × 65 mm
Brightness	300 cd/m ²
Backlight	LED, > 30,000 hours (average)

DANTE SPEAKERS

[Datasheet PDF ↗](#)



C-650D

PoE Dante Ceiling Speaker

6.5" Coaxial • 50 W • Dante • PoE

6.5" coaxial driver with 1" dome tweeter.

- Built-in PoE power module and built-in Dante audio module: one RJ-45 cable carries both audio and power.
- PoE input compatible with IEEE 802.3af / 802.3at / 802.3bt.
- Built-in amplifier with single-stage DC-AC power conversion, soft switching, bidirectional energy recovery and precise PSM (phase modulation).

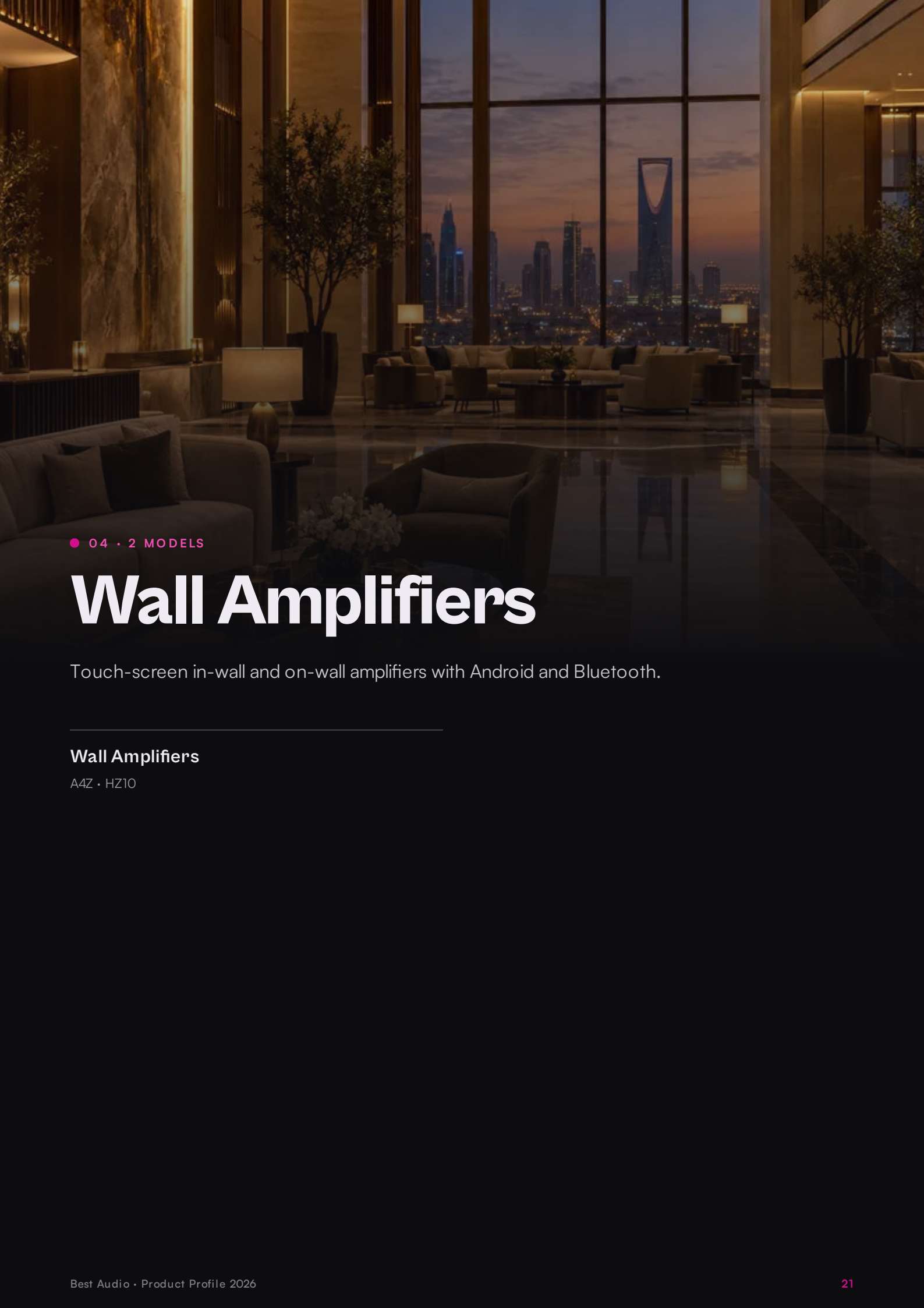
Speaker Unit	1 × 6.5" + 1 × 1" dome, coaxial design
Rated Impedance	8 Ω
Rated Power	50 W (200 W peak)
Frequency Response	85 Hz — 20 kHz
Sensitivity (1 W / 1 m)	89 dB
Max. SPL (rated band)	109 dB
Input Interface	RJ-45
Audio Protocol	Dante (routing via Dante Controller)

• NEED HELP SPECIFYING?

Talk to our team about your project.

Every model has a full datasheet with complete specifications and tender text at bestaudioltd.co.uk.

info@bestaudioltd.co.uk



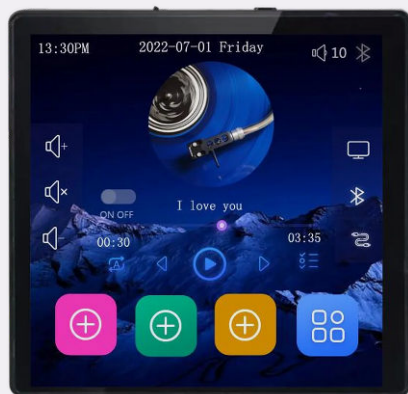
● 04 • 2 MODELS

Wall Amplifiers

Touch-screen in-wall and on-wall amplifiers with Android and Bluetooth.

Wall Amplifiers

A4Z • HZ10



WALL AMPLIFIERS

[Datasheet PDF ↗](#)

A4Z

4-Channel Bluetooth Wall Amplifier

Android 10 • 4" Touch • 4 × 25 W • 2 Zones

The A4Z is a 4-channel Bluetooth in-wall amplifier with Android, built for background music in high-end homes, villas, clubs and hotels.

- 4" multi-touch capacitive IPS screen, 480 × 480 HD resolution.
- Android 10 with a 1.2 GHz quad-core Cortex CPU, 2 GB RAM and 16 GB storage.
- Built-in amplifier: 4 × 25 W (max.) into 4—8 Ω speakers.

Output Power	4 × 25 W (max.)
Load Impedance	4—8 Ω
Signal-to-Noise Ratio	≥ 98 dB
Zones	2, individual volume / treble / bass
Operating System	Android 10
CPU / RAM / Storage	1.2 GHz quad-core / 2 GB / 16 GB
Display	4" IPS touch, 480 × 480
Bluetooth	5.0, range 10 m



WALL AMPLIFIERS

[Datasheet PDF ↗](#)

HZ10

10" Touch On-Wall Amplifier

Android 11 • 10" Touch • 8 Channels • 2 Zones

The HZ10 is an on-wall background music amplifier with a 10" touch screen and Android 11, built for homes, villas, hotels and commercial spaces.

- 10" multi-touch screen, 1280 × 800 resolution, with clock and calendar display.
- Android 11 with a 1.5 GHz quad-core Cortex CPU, 2 GB RAM and 16 GB storage.
- Built-in 8-channel amplifier: 8 × 10—30 W (max.) into 4—8 Ω speakers.

Output Power	8 × 10—30 W (max.)*
Load Impedance	4—8 Ω
Frequency Response	20 Hz — 20 kHz
Signal-to-Noise Ratio	98 dB
Zones	2, independent control
Operating System	Android 11
CPU / RAM / Storage	1.5 GHz quad-core / 2 GB / 16 GB
Display	10" multi-touch, 1280 × 800

● THE WEBAPP

Two people. Two jobs. One simple app.

01

For the integrator

Tailor every zone: full EQ, signal processing, routing, schedules and presets — from any browser, no extra software.

02

For venue staff

A clean interface on phone, tablet or wall panel. Pick a preset, adjust a zone, get on with the night.



Who installs Best Audio systems?

Best Audio is sold and installed through professional AV and system integrators, who design and commission the system for your venue.

Which products work together?

The whole range is designed as one ecosystem — controllers, amplifiers and loudspeakers are matched to work together.

Do I need to install software?

No. The WebApp runs in a web browser on laptops, tablets and phones on the venue network.

Service and repairs

For technical, service and repair enquiries, please contact your supplier.

Let's talk about your project.

Planning a venue, specifying a project or looking for a distributor? Get in touch and we'll get back to you.

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DATASHEETS

bestaudioltd.co.uk/products.html