

BEC

Akustik

More than 25 years German Engineering





AI 120

► TECHNICAL DATA

Impedance	4 Ohm
Frequency range	120 - 20000 Hz
System	Line array speaker
Full range speaker	4 x (20x120 mm)
Power rating	40 W
Peak music power	80 W

► RADIATION

Radiation angle, horizontal	160°
Radiation angle, vertical	40°
Sensitivity	88 dB/W/m
Max. rated SPL	103 dB

► HOUSING

Material	Aluminium
Colour	White, Black, Other on request
Number of speakers	4
Mounting	Metal screw-on bracket (Standard) In-Wall mounting on request
Admiss. ambient temp.	0 - 80 °C
Width	36 mm
Hight	1210 mm
Depth	22 mm



AI 100

► TECHNICAL DATA

Impedance	6 Ohm
Frequency range	150 - 20000 Hz
System	Line array speaker
Full range speaker	3 x (20x120 mm)
Power rating	30 W
Peak music power	60 W

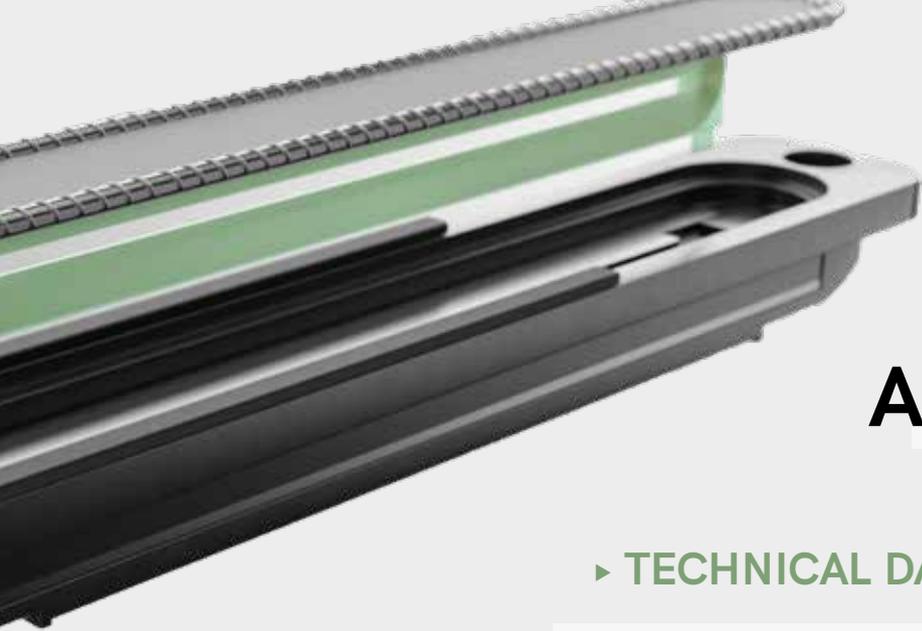
► RADIATION

Radiation angle, horizontal	160°
Radiation angle, vertical	40°
Sensitivity	86 dB/W/m
Max. rated SPL	99 dB

► HOUSING

Material	Aluminium
Colour	White, Black, Other on request
Number of speakers	3
Mounting	Metal screw-on bracket (Standard) In-Wall mounting on request
Admiss. ambient temp.	0 - 80 °C
Width	36 mm
Hight	1010 mm
Depth	22 mm





AI 70

► TECHNICAL DATA

Impedance	6 Ohm
Frequency range	160 - 20000 Hz
System	Line array speaker
Full range speaker	3 x (20 x 120 mm)
Power rating	30 W
Peak music power	60 W

► RADIATION

Radiation angle, horizontal	160°
Radiation angle, vertical	40°
Sensitivity	84 dB/W/m
Max. rated SPL	97 dB/W/m

► HOUSING



Material	Aluminium
Colour	White, Black, Other on request
Number of speakers	3
Mounting	Metal screw-on bracket (Standard) In-Wall mounting On request
Admiss. ambient temp.	0 - 80 °C
Width	36 mm
Hight	710 mm
Depth	22 mm

ANNA 1

► DEVICE TYPE

Amplifier with integrated streamer

Inputs

3x Line In, Cinch

Outputs

1x Pre Out (full frequency range)
1x Pre-/Tape Out,
adjustable filter: 0Hz, 150Hz, 200Hz

Speaker outputs

Pole clamps and Speakon (each connected in parallel),
adjustable high-pass filter: 0Hz, 150Hz, 200Hz

Amplifier

Class D, Amplifier power 4 Ohm / 8 Ohm at
230V voltage

Rated Max. Power Output

2x 100W at 4 Ohm
2x 60W at 8 Ohm

Minimum impedance

4 Ohm

Distortion

0,02% at 1W throughout the audio bandwidth
typ. 0,05%, max. 0,07% to Pmax/2 in the entire
audio bandwidth
At 10W below 0,02%

Damping factor

At least 250 below 1kHz
At least 75 below 20kHz

Power Supply

Toroidal transformer for 5V power supply
Switching power supply for power to the output stages

Primary voltage range:

230V AC (215V to 240V AC)
Optional: 110V AC

Streamer

In combination with a Logitech Media Server (LMS):

- Playing music from a hard disc drive
- Internetradio
- Music services (Paid)
- Automatic network setup using DHCP
- Operation via app for Android and / or iOS

Casing	3mm aluminum housing with plastic coating RAL9005 (black) fine structure 10mm front panel, aluminum, blasted and clear lacquered, engraved Optional: Front panel for 19 inch installation racks 1,5mm aluminum rear panel, set inwards, thus allowing a concealed cable management
Accessories included	<ul style="list-style-type: none"> • IR remote control • Battery pack • Powercable
Dimensions	W x H x D 450 x 82 x 340/359 mm
Weight	8,3 kg
Packaging dimensions	W x H x D 530 x 200 x 560 mm
Packaging weight	10,3 kg





► Anna 1 back



► Servius server back (Technical specs upon request)

EVA 6

► DEVICE TYPE

Analog high-performance amplifier in Class H technology

► TECHNICAL DATA

Power (sin.) at 8 ohms	2x 420 W
Power (sin.) at 4 Ohm	2x 600 W
Power (sin.) at 2 Ohm	2x 750 W
Power (sin.) at 4 Ohm bridged	1x 1500 W
Frequency response	20 - 20.000 Hz
Slew rate	35 V/ μ s
Total - THD	0,01 %
Damping factor at 8 ohms / 1 kHz	350
Signal to Noise Ratio	>100 dB
Input impedance symm.	20 kOhm
Channel separation	> 65 dB
Input sensitivity	33 dB/ 1Volt
Input connections	XLR
Output connections	Speakon
Dimensions:	
Height in U (mm):	2 (88)
Width	19" / 482 mm
Depth	358 mm
Weight	15,5 kg



EVA 9

► DEVICE TYPE

Analog high-performance amplifier in Class H technology

► TECHNICAL DATA

Power (sin.) at 8 ohms	2x 750 W
Power (sin.) at 4 Ohm	2x 920 W
Power (sin.) at 2 Ohm	2x 1200 W
Power (sin.) at 4 Ohm bridged	1x 2400 W
Frequency response	20 - 20.000 Hz
Slew rate	37 V/ μ s
Total - THD	0,01 %
Damping factor at 8 ohms / 1 kHz	400
Signal to Noise Ratio	>100 dB
Input impedance symm.	20 kOhm
Channel separation	> 65 dB
Input sensitivity	33 dB/ 1Volt
Input connections	XLR
Output connections	Speakon
Dimensions:	
Height in U (mm):	2 (88)
Width	19" / 482 mm
Depth	358 mm
Weight	17,0 kg



CROSSOVER FILTER FRED

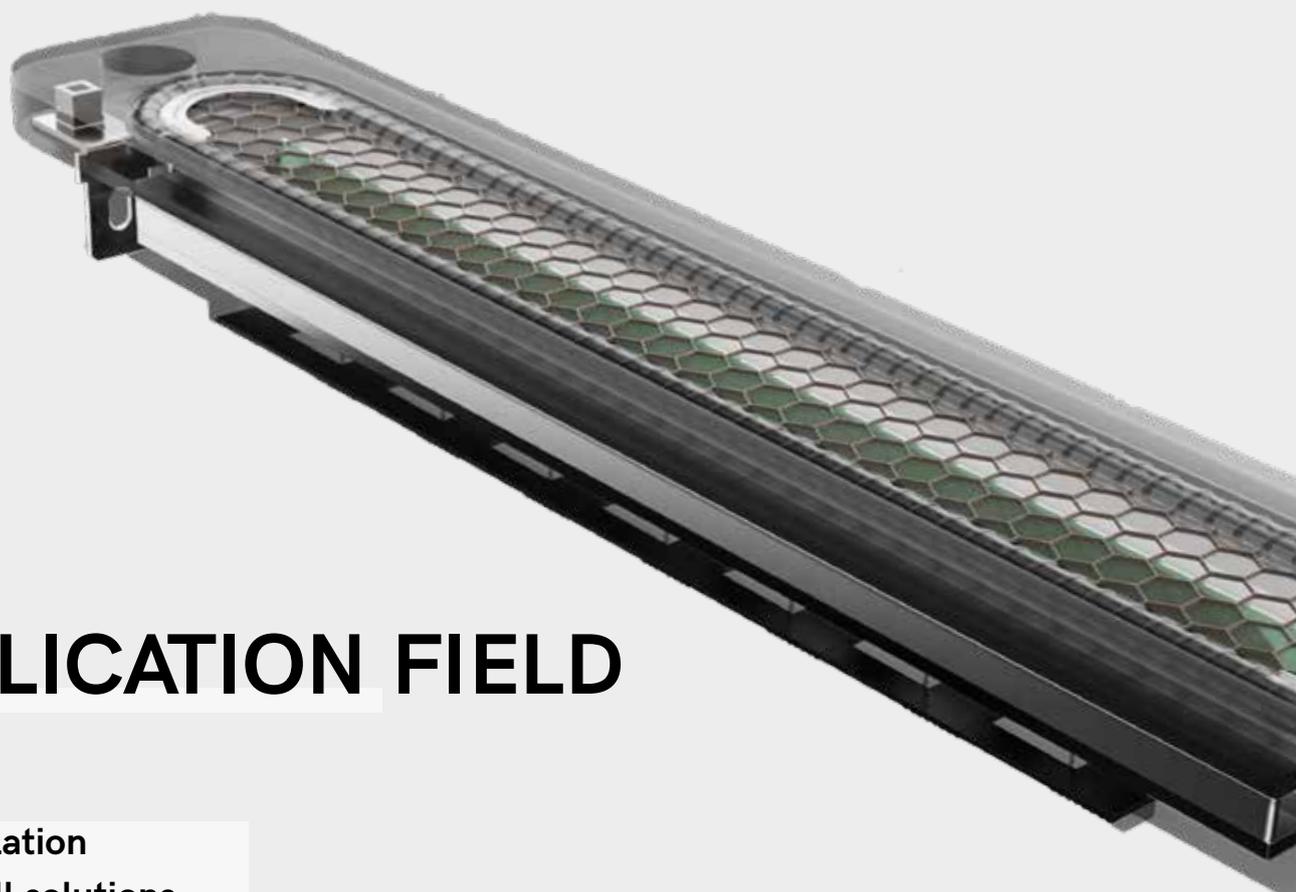
Passive crossover with high-quality audio frequency capacitors made in Germany + mono output for subwoofer



PEDESTAL SORA

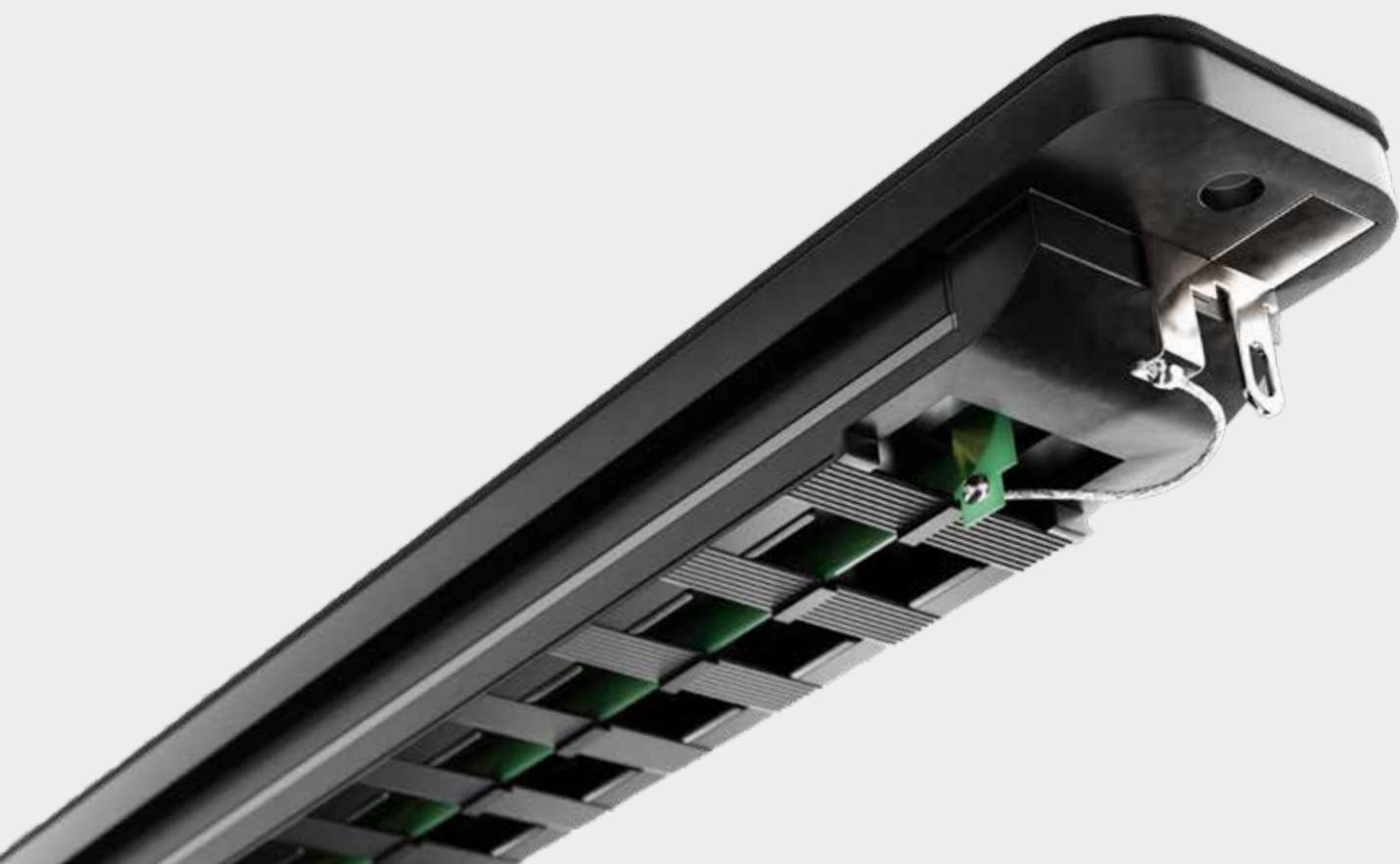
Slate Standard with
silicon insert and
covering cap





APPLICATION FIELD

- Installation
- In-wall solutions
- HiFi Surround
- Mobile sound reinforcement





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