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 AS29 *Audio First*

STUDIO MONITOR  
SYSTEM

Technical Specifications

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# AS29

## SAT

# Technical Specifications



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Speaker type	Monitor Nearfield / 2-way bi-amp.
Woofer	5.5 Inch (voice coil 1.5 Inch)
Tweeter	28 mm / 1.1 Inch neodymium
Crossover	1300 Hz
Cabinet type	Sealed box
Dimensions (WxHxD)	190 x 320 x 260 mm
Weight	6.5 Kg
Rated Power AES (1)	60 W
RMS Power (2)	120 W
Max SPL (3)	106.2 dBspl(A-weight)
Frequency Response (+/- 6dB )	40 Hz - 22 KHz
Connection	4-pole SpeakON Neutrik

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor.

(2) RMS power is defined as 3 dB greater than the Rated Power.

(3) Measured at 1m in axis, averaged within the frequency range.

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# AS29

## SUB

## Technical Specifications



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Speaker type	Broadband Subwoofer
Woofer	10 Inch
Cabinet type	Low Noise Ported Box
Dimensions (WxHxD)	360x 360 x 490 mm
Weight	18.5 Kg
Rated Power AES (1)	150 W
RMS Power (2)	300W
Max SPL (3)	110.4 dBspl(A-weight)
Frequency Response (+/- 6dB )	24Hz - 180Hz
Connection	4-pole SpeakON Neutrik

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor.

(2) RMS power is defined as 3 dB greater than the Rated Power.

(3) Measured at 1m in axis, averaged within the frequency range.

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# AS29

## AMP

# Technical Specifications



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(1/2)

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### Power Amplifier

Amp. type	High Efficiency class-D
Output	(3x) AS29 - TOP + AS29 - SUB or (4x) AS29 -TOP
Frequency Response	10 Hz - 30 KHz
Dynamic Range	> 110 dB
Crosstalk Separation (1KHz)	Typical >70 dB
Input impedance	20 Kohm
THD+N (up to 1/2 power)	< 0.1% (typical < 0.05 %)
DIM (up to 1/2 power)	< 0.1% (typical < 0.05 %)

### Digital Processing

Analog/Digital conversion	96 KHz /24Bit
Audio Path	96 KHz / 32 Bit
Group Delay	0.675 ms
Digital filters	9x IIR customizable filters
Allignement delay	20 ms / ch
Loudspeaker protection	2-level Protection Limiters

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# AS29

## AMP

# Technical Specifications



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(2/2)

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### User Interface

Display	OLED 1.5 Inch
Value Entry	Push & Turn Knob
Remote control	Custom Computer App

### Connections

AC mains	standard VDE with power switch
Analog Audio Inputs	(4x) XLR Neutrik
Power Outputs	(4x) SpeakON Neutrik
Remote Control	USB
Link connection	(2x) 14-pin Flat Cable

### Enclosure

Fully Custom Enclosure	1.5U standard rack
Dimensions (WxHxD)	420 x 68 x 315 mm
Weight	4 Kg

### AC mains

Power Supply	Universal Input, Fused Inside, with PFC
Nominal Voltage	100 - 240 VAC 50 - 60 Hz
Consumption (rated power)	300 W
Consumption (standby)	< 4 W