

SIA-025 mk.II

Signature Integrated Amplifier



Signature Series | *EXTREME*

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The SIA-025 was created after many customer requests for a Signature Series Integrated Amplifier

The SIA-025 has been designed to accommodate many of our customers requests, for a real integrated amplifier in our high performance Signature Series.

But as usual, our design team went an extra mile. The result is not only an amplifier with 5 inputs (balanced and unbalanced), a preamplifier output (for biamping purposes) and balanced speaker outputs - it raises our technology to a new level of integration of parts. Integration was a major challenge, but necessary to fit all the parts into the fairly small chassis, which the SIA-025 shares with its siblings - the SS-010 and SS-050.

The output stage of the SIA-025, is taken from the SM-010 monaural amplifiers - sized to fit within one chassis with a balanced input buffer. The main task for this buffer, is to separate the new simplified relay based volume control from the selected source. By putting all our efforts into developing this true balanced integrated class A amplifier, we succeeded in making the new higher level of integration perform to the standards that any customer would expect from our Signature Series.

SIA-025 adds more flexibility in terms of more inputs, the possibility of bi-amping should it be needed and lastly a full bypass function for enabling compatibility with external surround processors. Together with our SCD-025 mk.II, this amplifier will form a simple, cool looking system that delivers an incredible performance.

INPUT	XLR analog	RCA analog
Available	3	2
Sensitivity	2/4/8 V _{RMS}	2/4/8 V _{RMS}
Impedance	10 KΩ	10 KΩ

OUTPUT	Speaker L	Speaker R	Pre out
Available	1	1	1 (XLR)
Impedance	75 mΩ	75 mΩ	
Power W _{RMS} (8ohm)	25W Class A / 150W Class AB		
Frequency response	+800kHz	+800kHz	
Signal to noise ratio	>100dB	>100dB	
THD + noise	> 0,01%	> 0,01%	

VOLUME CONTROL	
Type	Relay controlled fixed resistor network
Gain	-81dB to +6dB

POWER CONSUMPTION	
Standby	<1W
Class AB	90W
Class A	162W

DIMENSIONS	
Hight	130 mm
Width	435 mm
Depth	430 mm
Weight	38 Kg

