

(StÃ¼ck) Hypex Aktivmodul mit DSP - FA123, 2x125W+100W/4Ohm



Artikelnummer: HYP-FA123

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Hersteller: Hypex

3-kanaliges Aktivmodul mit NCore-Verstärkern mit 2x250W und 1x100W an 4 Ohm. Diese können auch gebrückt werden zu 1x500W an 8 Ohm.

Durch den DSP frei programmierbar, z.B. für 3-Wege Lautsprecher, Subwoofer-Satellitensysteme, usw.. 3 Presets speicherbar. Analog, symmetrischer Eingang und Digitaleingänge. Programmierbar über USB.

Lieferung ohne Netzkabel!

Passendes Kabel: Schuko-Netzkabel

Optionale Fernbedienung:

Fernbedienungsempfänger:

https://lsv-achenbach.de/shop/product_info.php?products_id=5987

Fernbedienung:

https://lsv-achenbach.de/shop/product_info.php?cPath=347_469_699&products_id=5663

Spezifikationen

This FusionAmp can be the basis of e.g. a powerful two- or three-way monitor.

The FA123 has two 125 Wrms Ncore® amplifiers which can also be bridged to form one powerful 250 Wrms amplifier. Additionally, a 100 Wrms Ncore® tweeter channel is added.

Dimensions: 360 * 120 x 55 mm

Weight: 955 gram

Connections

-
- Analogue balanced XLR in and through
-
- Analogue unbalanced RCA input
-

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Digital AES in and through

- Digital S/PDIF in and through
- Digital Optical TosLink input
- USB 2.0 configuration interface

Features

- 15 biquads per amplifier
- Three selectable presets for filters
- Source selection
- Signal detect
- Auto shutdown
- BTL capable
- Clip protect
- Thermal protect
- Filter protection

Chip specification:

- DSP: ADAU1450 using external ADC and DAC
- ADC: 192kHz 24-Bit Enhanced Dual Bit ADC
- SRC: AES/EBU - S/PDIF 192kHz 24-bit
- DAC: AK4454 768kHz 32-bit

DSP Filters:

- 15 biquads per amplifier.
- A one-way Fusion Amp has 15 biquads,
- A two-way has 2x15 biquads
- A threeway has 3x15 biquads.

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- Amplifiers configured in BTL still have 15 biquads available.

Maximum delay:

19,2ms per amplifier.

Sample frequency:

Supported digital sampling rates Fs 32, 44.1, 48, 88.2, 96,192 kHz

All input rates are converted to 93.75kHz

Input latency:

Analogue input approximately 350uS.

Digital input 1,8mS @ 96kHz input sample rate.

Performance:

MBW=20kHz (20Hz-20Khz), unweighted, all filters set to unity, gain adjust 0dB, unless otherwise specified.

SNR AD/DA -109dB

SNR DA -111dB

THD(D+N) (at -1dBFS) AD/DA -100dB

THD(D+N) (at -1dBFS) DA -102.5dB

Detailed information:

https://www.hypex.nl/img/upload/doc/plate_amp/FusionAmp_00xx.pdf

Preis: 495,00 EUR [inkl. 19% MwSt zzgl. Versandkosten]

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Achenbach Akustik