

AUDIONET

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The home cinema decoder / preamplifier Audionet MAP I: Hollywood quality for your audio and video.



The Audionet MAP I is the classical Home-Entertainer from Audionet. Whether stereo or surround sound, its tone performance is lauded by all those who know. Conjuring up a unique and authentic stage filled with energy and enjoyment, it fascinates with the highest standards of definition and tonal neutrality. Enjoy a maximum level of natural music and an excellent picture.

Processing the classical home cinema formats, the Audionet HighBit interface even allows the use of high-definition DVD audio and SACD. The unique delay, loudspeaker and bass management can be freely adjusted in all parameters, allowing the optimal configuration of every loudspeaker ensemble. To this end, it is equipped with a phenomenal parametric equalizer, compensating for any interference from the room. Audionet's Intelligent Sampling Technology and "Double Precision Bass Management"

guarantee an exceptional tonal outcome. The USB interface makes its tone quality available to the computer world; the optional high quality phono module even allows records to be played in surround sound.

With an easy-to-understand and intuitively operable operating concept, the four-line display and on-screen menu allow all settings to be configured with great ease. The MAP 1 analyzes all signals and selects the correct settings fully automatically. The Audionet HighBit interface receives high-resolution DVD Audio and SACD two- and multichannel data to be processed -worldwide uniquely- by the Bass Management and Equalizer. These audio formats are replayed with world-beating perfection. Audionet's analysis and correction software CARMA allows even laymen to achieve professional results.

Press commentary:

Lars Mette, AREA DVD: (...) the combination of such a sound and the perfect methods for adapting to the available space and loudspeaker used is not to be found amongst any other product either present or planned (...) The MAP I is truly a masterpiece; the greatest acoustic sensation since records began. (...) providing the best-sounding surround sound stage available for under 5.000 Euros. This is truly the best value for money amongst all the high end devices on offer.

Heinz Köhler, HEIMKINO: (...) the MAP I is a HIGH-END decoder of the best type available at a sensational price. (...) Our congratulations!

Jürgen Schröder, VIDEO: The Audionet MAP I makes the sensation perfect: there has never been such a good sounding AV preamplifier available at this price – even the most difficult-to satisfy hi-fi fans are more than happy.

audiovision: Something of which Audionet can be deservedly proud: the first sound with such conviction that we had no choice but to give top marks. "Made in Germany" can compete with the best in the world. A German hi-fi craftsman has become the top choice for audiovision.

General Information and Technical Data MAP I:

// FUNCTION

home cinema decoder / preamplifier

// SPECIAL FEATURES

pure analog volume control for all 8 channels

discrete and extremely stable output stage

intelligent sampling technology for the front channels (Front L/R) with switchable digital filters and asynchronous upsampling to 192 kHz/24 bit

precise clock generator for the elimination of clock flank deviations (Jitter)

sampling frequencies and resolution of the digital inputs: 32 kHz to 192 kHz/24 bit

2-channel A/D-converter for 48 kHz/24 bit with subsequent intelligent sampling

fully automatic 7.1-decoder (Dolby*Digital, DTS**)

double-precision bassmanager with 48 bit-resolution

bass manager with free adjustable crossover frequencies and filter qualities

subwoofer phase switchable

high-performance digital parametric equalizer

lip-sync adjustable from 0 to 100 ms in 0.5 ms-steps

DVI input and output

Y/C-separator with digital comb filter for conversion from FBAS video to S-video

USB connectors for future applications
mains phase detection

// OPTIONS

progressive scan card for flicker-free video output

DVI module (for digital video output)

MC/MM-phono preamplifier board

external power supply Audionet EPS G2

// DECODER

automatic format recognition:

Dolby Digital 5.1, Dolby Digital EX 6.1, Dolby ProLogic IIx 7.1,

DTS Digital Surround 5.1, DTS 96/24, DTS Neo:6

"Audionet D8" (Generation of 7.1 from 5.1 or 6.1)

decoding of Audionet HighBit signals: DVD audio and SACD (all formats from 48-192 kHz, stereo and multichannel) can be received and processed in digital format using all setup-functions, e.g. bassmanager, equalizer, delays etc.

// BASS MANAGER

management of up to 8 channels (loudspeakers)

data processing with 48 bit resolution (double precision)

channels/channel-groups can selectively be driven with the full signal or across the digital frequency crossover with adjustable crossover frequencies and filter qualities

X-Bass: Subwoofer can be configured as additional active bass, even for single loudspeaker groups

Center-, Subwoofer-, Surround- and Back-Surround channels can be deactivated; signals are automatically calculated and routed to the existing speakers

filter quality adjustable from 0.3 to 2.00 in 12 logarithmic steps

crossover frequencies adjustable from 20 Hz to 303 Hz in 51 logarithmic steps (finer than 1/10 octave)

Subwoofer phase switchable

// DELAY MANAGER

adjustment range: Distance Listening position <-> loudspeaker 0 m to 15 m (0" to 590") for all channels, in 5 cm- (2")-steps

automatic calculation of the delays resulting from the distance settings

subwoofer delay offset: Phase fine-tune for best impulse response (+/- 5m)

// VOLUME LEVEL OFFSET

for C, R, LS, RS, LB, RB
-18 to +12 dB in 0.5 dB-steps

subwoofer
-24 to +12 dB in 0.5 dB-steps

LFE Mix
-10 to 0 dB in 1 dB-steps

// EQUALIZER

5 MPEs (Minimum Phase Equalizer) for each Front L/R, Center, Sub

3 MPEs each for LS, RS, LB, RB
adjustment range for each MPE:

frequency (f)
20 Hz to 20 kHz, 128 logarithmic steps

gain
-12 dB to +6 dB, 0.5 dB-steps

quality (Q)
0.3 to 8.0, 20 logarithmic steps

// SPECIFICATIONS

analog input
bandwidth: 1 – 80,000 Hz
THD+N: 100 dB at 20 Hz - 20 kHz

SNR: 112 dB at 1kHz

channel separation: 95 dB at 1kHz

max. output voltage: 3,8 Vrms

input impedance: 100 kOhm

digital inputs
sample frequency 32 to 192 kHz
THD+N at 1kHz, -60 dBFS, Sample frequency 48 kHz:

Front: 104 dB/107 dB(A)
Center: 100 dB/103 dB(A)
Surround: 101 dB/104 dB(A)
Back: 101 dB/104 dB(A)
Sub: 109 dB/115 dB(A)

dimensions & weight
430 * 70 * 310 mm, 8 kg

// FINISH

front
brushed aluminium, 10 mm, black anodized, light grey printing or brushed aluminium, 10 mm, silver anodized, black printing

display
red or blue

cover
aluminium, 2 mm, black anodized
chassis
2 mm sheet steel, black varnished

For more informations please visit our Website!

Find out more: www.audionet.de



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