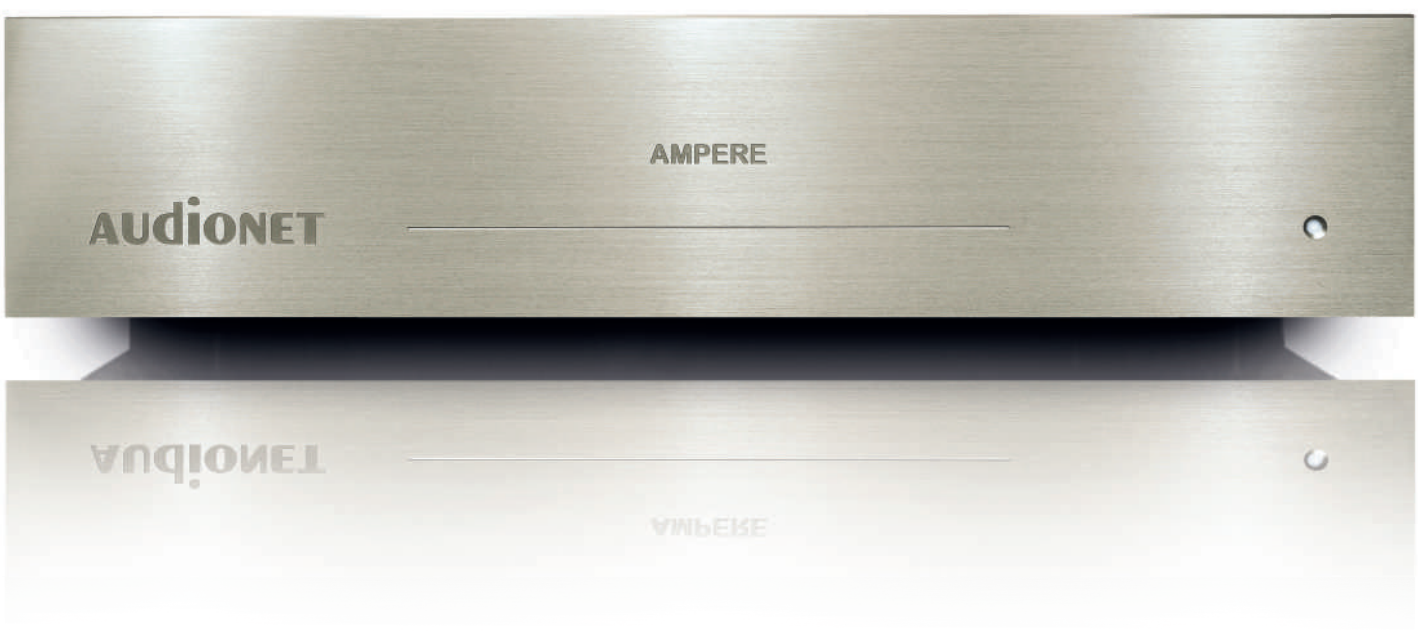
AUDIONET

Scientific magic.

AMPERE

Electrodynamics Reinvented



This is a scientific paper.
For holographic images and optimal resolution please do visit your audionet expert dealer.
Thanks very much. We're glad you are with us.

AUDIONET

Scientific magic.

SCIENTIST SERIES – ULTRA MACHINE AMPERE

The Machine

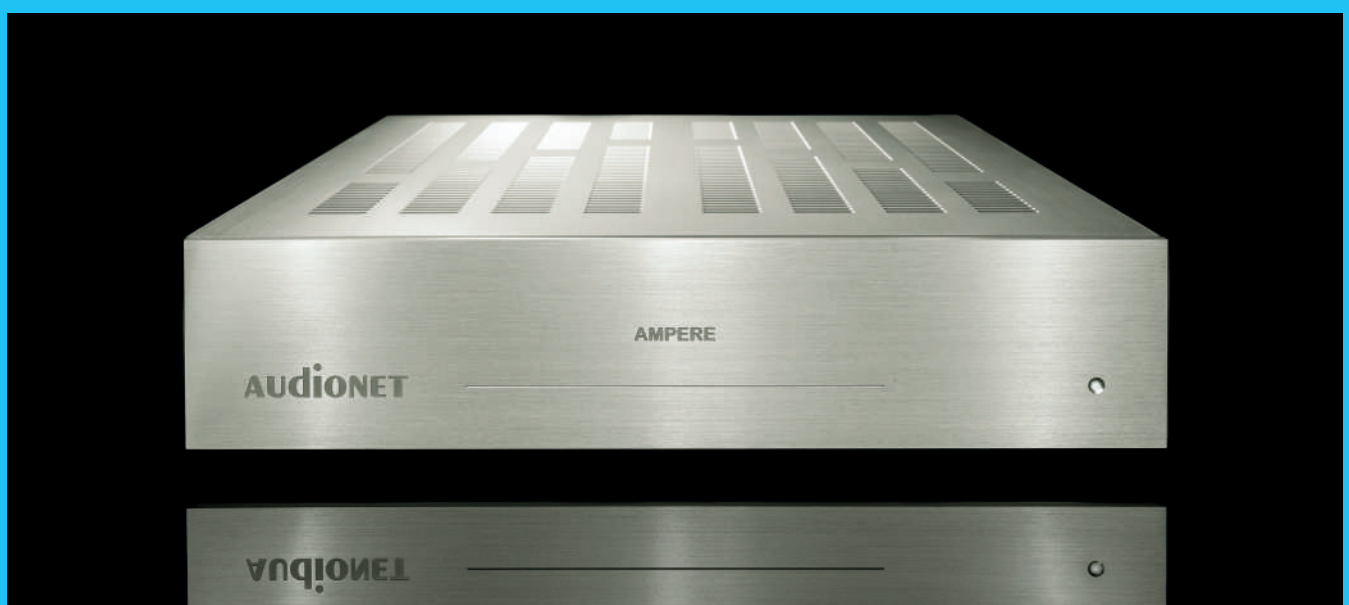
What's the scientific progress in external power supply? Ask AMPERE.

Providing you with hitherto unheard-of stability, calmness, spatiality and tonal pureness.

AMPERE is what will make the decisive difference regarding the performance of all your devices in the future.

The Science

- Absolute load stable external power supply for the analog sections of Audionet CD player PLANCK.
- Massive aluminium body and resonance-optimized fixation with invisible screws.
- Fully separated, discrete circuitry for positive and negative voltage, each with its own low emitting toroid transformer.
- Control and stand-by circuitry with separate galvanically isolated power supply.
- Extreme low impedance, low noise and load independent voltage outputs.
- Two 300 VA toroid transformers with optimized winding design, encapsulated and resonance optimized.
- Ultra fast recovery time Schottky diodes for rectification.
- Laboratory grade high precision und low noise voltage reference.



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- Audio grade capacitors with silk dielectricum, total capacitance 576,000 µF.
- High precision voltage regulator with discrete MOSFETs.
- Circuitry layout for optimized current conduction.
- Double layer glass fibre reinforced and resonance-minimized epoxy circuit board.
- Low impedance circuit layout with extra-thick copper layers.
- Internal wiring with gold-doped pure silver cables.
- Short-circuit proof and protected against overheating.
- Rhodium fuse.

Function

Ultra low noise, highly stable and constant external power supply for AMPERE compatible Audionet devices.

Output

7-pin socket for connecting the mother unit.

Technical Data

Power supply:	Two encapsulated 300 VA toroid transformer and 576,000 µF capacitance
Circuitry:	Reference voltage sources for positive and negative analog voltages using discrete Audionet voltage regulators (MOSFET)
Output voltage:	±24.00 V for analog sections, +5 V for digital and control sections
Stability:	Deviation absolute: < 0.1% of nominal value Deviation relative: < 0.01% accuracy
Noise:	-144 dB or 1.5 μV_{RMS} for 0 Hz up to 22 kHz
Mains:	220..240 V or 110..120 V, 50..60 Hz
Power consumption:	< 0.5 W Stand by, max. 400 W
Dimensions:	Width 430 mm Height 110 mm Depth 360 mm
Weight:	26 kg

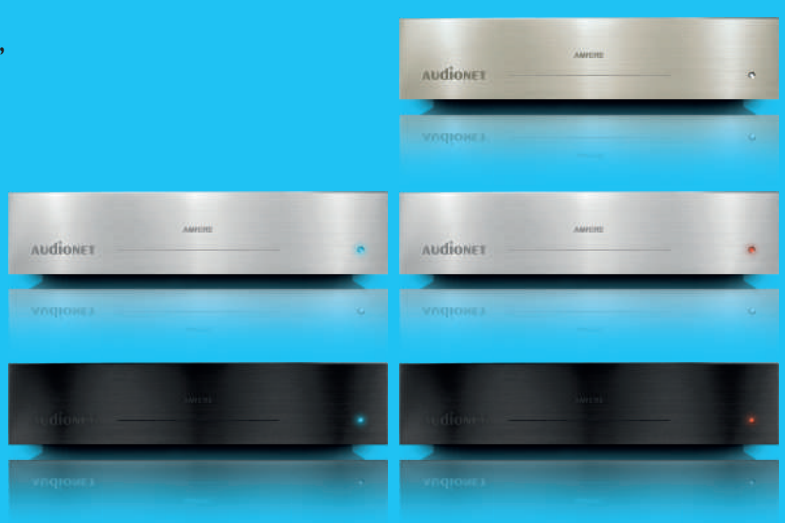
Finish

Front:
Brushed aluminium, 12 mm, anodized, text engraved

Cover:
Brushed aluminium, 4 mm, anodized

Plates:
Brushed aluminium, 8 mm, anodized

Chassis:
Brushed Aluminium, anodized, text printed



Colors

Ultra:
C-32 light bronze with white LED

Classic:
Silver with blue LED

Silver with red LED

Black with blue LED

Black with red LED

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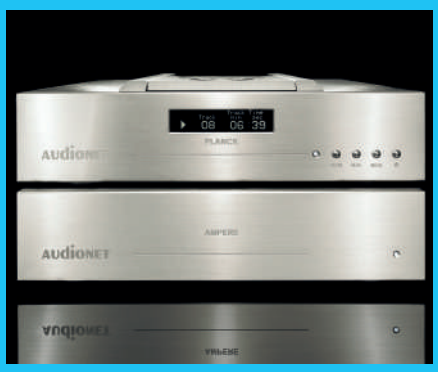

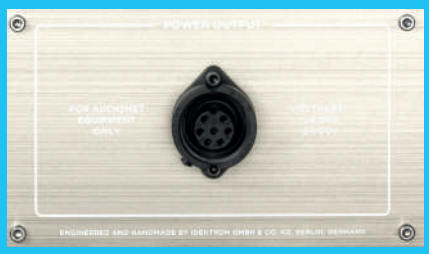

en.audionet.de

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Sources
PLANCK
ART G3

Integrated Amplifiers
WATT
SAM G2

Preamplifiers
STERN
PRE G2
PRE I G3
PAM G2

Power Amplifiers
HEISENBERG
MAX
AMP
AMP I V2

Network Components
DNP
DNA I
DNC

Power Supplies
AMPERE
EPX
EPS G2