



**AUDIONET**

Scientific magic.

# WATT

## The Power and the Glory



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.

## SCIENTIST SERIES – ULTRA MACHINE WATT

### The Machine

Even more subtle. Even more transparent. With an even bigger soundstage and a force beyond equal.

WATT makes another quantum leap from the celebrated performance of our audiophile amplifier SAM onto another level. Whoever wants the ultimate in a single machine – WATT's your choice. From this day on.

### The Science

- Massive aluminium body and resonance-optimized fixation with invisible screws.
- Magnetically and capacitively optimized circuit and device design, shortest signal paths.
- Double-mono design for maximum channel separation.
- Electronic volume control with high audio grade components.
- Non-disengageable DC servo, no sound degrading capacitors or coils in the signal path.
- ULA technology (Ultra Linear Amplifier).
- Separated power supply for control and analog sections.
- Two separated power supplies for driver stage and power stage of amplifiers.
- One encapsulated 50 VA toroid transformer with separated windings for input and driver stage.
- Two encapsulated 700 VA toroid transformers for the power stage.
- Total capacitance more than 200,000  $\mu\text{F}$ .
- Consequent double-mono design of phono module for MM and MC pickups, setup by user menu.
- Internal wiring with gold-doped pure silver cables.





- Rhodium speaker terminals by Furutech.
- Rhodium fuse.
- By-pass mode for integration into home cinema systems.
- Microprocessor with separate power supply – controls and monitors all functions and informs the user via dimmable display.
- 2 Audionet Link outputs to control further Audionet devices remotely.
- Switchable headphones output driven by power stage.
- Dedicated WATT/PLANCK Audionet metal remote control in matching color.

## Function

Analog integrated stereo amplifier.

## In- and Outputs

- Inputs:
- 3 pairs RCA line, gold plated, Teflon insulated
  - 1 pair XLR balanced, gold plated (Neutrik)
- Outputs:
- 2 pair Furutech 4 mm-jacks, Rhodium
  - 1 pair RCA, gold-plated, Teflon insulated (Pre Out)
  - 2 Audionet Link, optical (Toslink)
  - 1 headphones socket (6.3 mm, stereo)

## Technical Data

- Output power: 2 x 167 W into 8 Ω  
2 x 284 W into 4 Ω  
2 x 443 W into 2 Ω
- Damping factor: typ. 1,000 at 100 Hz
- Frequency response: 0.3 - 650,000 Hz (-3 dB)
- Harmonic distortion: k2 typ. -101 dB,  
k3 typ. -107 dB  
@1 kHz, 25 W / 4 Ω
- THD + N: < -98 dB @1 kHz,  
100 W / 4 Ω
- SNR: > 106 dB (weighted)
- Channel separation: > 103 dB @ 1 kHz
- Filtering capacitance: 200,000 μF
- Input impedance: Line input 50 kΩ  
XLR input 7 kΩ
- Mains: 220..240 V or 110..120 V,  
50..60 Hz
- Power consumption: < 1 W Stand by, typ. 900 W
- Dimensions: Width 430 mm  
Height 130 mm  
Depth 450 mm
- Weight: 25 kg

## Option

MM and MC phono module.

## Finish

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

Cover:  
Brushed aluminium,  
6 mm, anodized

Plates:  
Brushed aluminium,  
12 mm, anodized

Chassis:  
Brushed aluminium,  
anodized, text printed



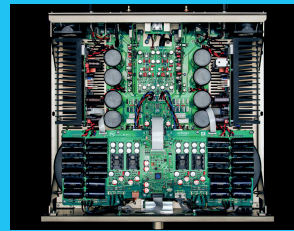
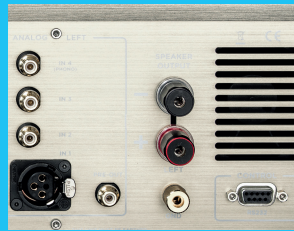
## Colors

Ultra:  
C-32 light bronze  
with white display

Classic:  
Silver with  
blue display  
Silver with  
red display  
Black with  
blue display  
Black with  
red display

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[en.audionet.de](http://en.audionet.de)

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Errors and omissions excepted.  
Specifications and design are subject to  
changes without prior notice.

**Sources**  
PLANCK  
ART G3



**Integrated Amplifiers**  
WATT  
SAM G2

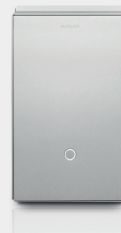


**Preamplifiers**  
STERN  
PRE G2  
PRE I G3  
PAM G2



**Power Amplifiers**

HEISENBERG  
MAX  
AMP  
AMP I V2



**Network Components** **Power Supplies**

DNP  
DNA I  
DNC



AMPERE  
EPX  
EPS G2

