ATOLL ELECTRONIQUE

2025-2026 CATALOG

High-quality, high-fidelity products, designed and carefully manufactured in France.

MADE IN FRANCE

400 SERIES



WWW.ATOLL-ELECTRONIQUE.COM

PRESENTATION

The CD400 Evolution is equipped with the latest top-loading mechanics developed by ATOLL. The audio stages and power supplies have been reworked to provide even greater realism and greater ease in rhythmic tracking.

The chassis features solid aluminum sides machined from a single block to ensure perfect mechanical inertia. They optimally absorb all vibrations. The playback unit specifically developed for the 400 series is made of vibration-resistant aluminum mechanical elements decoupled from the device's chassis.

This system significantly improves playback quality and consequently reduces the intervention of error correction circuits. This translates into extremely fine tones and a sumptuous treble response.

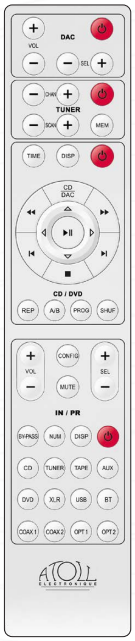
The digital signals are perfectly shielded and follow an optimized path to combat jitter. The use of two independent converters, one per channel, prevents crosstalk and significantly improves the signal-to-noise ratio and dynamics. Finally, the CD400 Evolution has high-quality digital inputs built-in, leveraging the internal converters. From this perspective, it should also be considered a high-end DAC.



CD400 EVO aluminium brushed version

Technical data

Power supply:	30 VA + 2×10 VA (audio) + 1,6 VA
Total of capacitors:	48 000 µF
Rise time:	1,3 µs
Output impedance:	5,6 Ω
Output level:	2,1 Vrms
Two PCM1792A converters	
Dynamic range:	132 dB
Signal-to-noise ratio:	132 dB
Distortion at 1 kHz:	0,002 %
Consumption:	
- Standby	< 0,5 W
- ON	18 to 24 W
Dimensions:	440×340×95 mm
Weight:	12 Kg



ATOLL 400 series global remote control



Top Loading mechanics developed by ATOLL

FEATURES

- 10 mm brushed, micro-blasted, and anodized aluminum front panel, high-precision engraving.
- 2 mm steel chassis.
- New top-loading mechanics developed by ATOLL, suspension mounting, solid aluminum platter.
- Two 10 VA toroidal transformers for the audio stages.
- 30 VA linear transformer (main power supply).
- 1.6 VA linear transformer (control logic).
- Ten regulated and independent power supplies.
- High-quality MKP link capacitors.
- Full dual-mono structure:
  – Two independent balanced stages for each channel.
  – One PCM1792A converter per channel.
- Audio stages using bipolar transistors with a perfectly symmetrical structure, biased in class A, with no negative feedback.
- Converter inputs: coaxial, optical, and USB.
- High-contrast OLED display (on or off after 5 seconds of inactivity).
- CD text display.
- ATOLL global remote control supplied as standard.



Connectivity

1 Optical input.
1 Coaxial input.
1 USB input.
1 Stereo XLR output.
1 Stereo RCA output.
1 AES/EBU output.
1 Digital Optical output.
1 Digital Coaxial output.

PRESENTATION

The DR400 EVO is the pure drive version of the CD400 EVO, incorporating innovative technical solutions:

- Top-loading mechanics developed by ATOLL.
- Ultra-high stability power supplies.
- Design optimized for jitter reduction.
- Galvanic isolation of the digital signal.

The chassis features solid aluminum sides machined from a single block to ensure perfect mechanical inertia. They better absorb all vibrations. The drive unit, specifically developed for the 400 series, consists of vibration-resistant aluminum mechanical elements decoupled from the device's chassis.



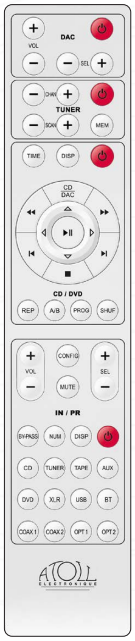
DR400 EVO aluminium brushed version

Technical data

Power supply:	30 VA + 1,6 VA
Total capacitive:	88 000 µF
Output signal amplitude:	1 V
Consumption:	
- Standby	< 0,5 W
- ON	4 to 10 W
Dimensions:	440×340×100 mm
Weight:	12 Kg



Proprietary ATOLL top-loading mechanism with suspended mounting.
10mm solid aluminum top plate machined with a double treatment: brushing and micro-blasting.



ATOLL 400 series global remote control



Internal view of the **DR400 EVO**

FEATURES

- 10 mm brushed, micro-blasted, and anodized aluminum front panel, high-precision engraving.
- 2 mm steel chassis.
- New top-loading mechanism developed by ATOLL, suspension mounting, solid aluminum platter.
- 30 VA linear transformer (main power supply).
- 1.6 VA linear transformer (control logic).
- Pure audio CD player compatible with: CD, CD-R, CD-RW, MP3, WMA-AAC.
- High-stability main power supply filtering, achieved by twelve 6800 μF low series resistance capacitors.
- Four regulated and independent power supplies.
- Two galvanic isolation transformers for digital outputs.
- High-speed LVDS (Line Driver Differential) circuit for formatting S/PDIF and AES/EBU signals.
- High-contrast OLED display (on or off after 5 seconds of inactivity).
- CD text display.
- ATOLL global remote control supplied as standard.



Connectivity

1 AES/EBU output.
1 Digital output (optical).
1 Digital output (coaxial).

PRESENTATION

The IN400's design is based on technical and aesthetic choices dedicated to optimal musicality. Mechanically, the chassis is made of 2 mm steel, the front panel of 10 mm aluminum. The side heatsinks are machined from solid aluminum blocks to absorb mechanical vibrations and ensure perfect heat dissipation.

The power stages are rigorously dual mono with a specific attenuator per channel and two differentiated star-shaped grounds. Each component was selected through listening, and the circuit layout optimized to fine-tune each bias current and feedback ratio. The IN400 EVO features eight rigorously matched MOS-FET transistors per channel.

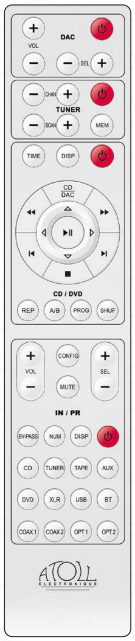
The ultimate goal is to deliver maximum power and energy across all registers. The result is a sound experience that combines sonic substance and fluidity, naturalness and harmonic richness.



IN400 EVO aluminium brushed version

Technical data

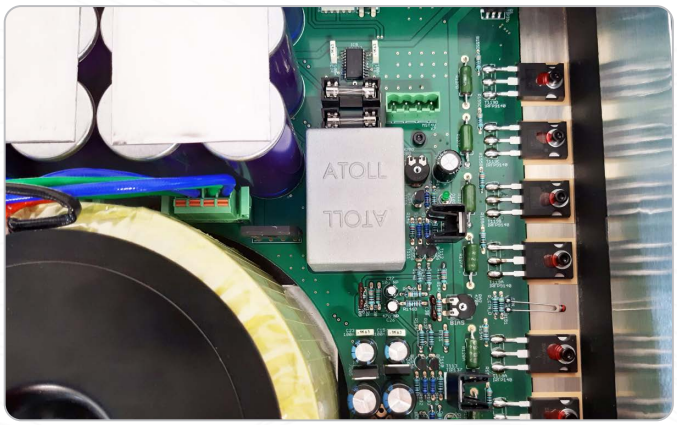
Power:	2×160 Wrms / 8Ω 2×300 Wrms / 4Ω
Total of capacitors:	96 680 µF
Bandwidth (-3 dB):	5 Hz – 100 kHz
Rise time:	2 µs
Input impedance:	357 kΩ
Sensitivity:	450 mV
Signal-to-noise ratio:	100 dB
Ratio at 1 kHz:	0,05 %
Standby power consumption (low power):	< 0,5 W
Dimensions:	440×370×130 mm
Weight:	19,5 Kg



ATOLL 400 series global remote control

FEATURES

- 10 mm brushed, micro-blasted, and anodized aluminum front panel, with high-precision engraving.
- Heatsink and knobs made from machined aluminum.
- 2 mm steel chassis.
- Two toroidal transformers: 1050 VA (audio) + 1.6 VA (control logic).
- High-quality shielded MKP link capacitors.
- Full dual mono structure:
  – Separate channel windings.
  – One attenuator per channel (with switched resistors).
- Bipolar transistor input stages.
- Bipolar transistor current sources and LEDs to ensure perfect voltage stability.
- Darlington transistor driver stages.
- Audio stages with perfectly symmetrical structure, very low feedback.
- Rigorously matched MOS-FET transistor power stages (8 per channel).
- Precise balance adjustment, with the ability to store it.
- Inputs can be renamed.



Internal view of the **IN400 EVO**

- Sleep mode can be selected: low power or preheating.
- Button backlighting can be configured.
- High-contrast OLED display: on or off (after 5 seconds of inactivity).
- DA100 or DA200 DAC boards are available as an option.
- ATOLL global remote control is included as standard.



Connectivité

2 XLR inputs.
5 Line inputs: AUX or PHONO (optional), CD, TUNER, DVD, TAPE.
1 BY-PASS input.
1 12V Trigger output.
Optional DA100 and DA200 digital boards can be added:

DA100
- 2 Optical inputs.
- 2 Coaxial inputs.

DA200
- 2 Optical inputs.
- 2 Coaxial inputs.
- 1 Asynchronous USB & DSD input.
- 1 Bluetooth input.

PRESENTATION

The PR400 Evolution operates entirely in dual mono with a low-noise transformer per channel. The potentiometers and selection relays are also separate for the two channels. The coupling capacitors (high-end MKP) are shielded in independent enclosures to avoid any radiation problems.

The volume is controlled by two independent and perfectly synchronized ALPS motorized potentiometers. We use a proprietary servo system based on non-intrusive real-time audio measurement.

The display used is a low-power OLED model chosen for its excellent contrast and low electromagnetic radiation.

Furthermore, its power supply, as well as that of all control devices, is completely independent of the audio power supplies.

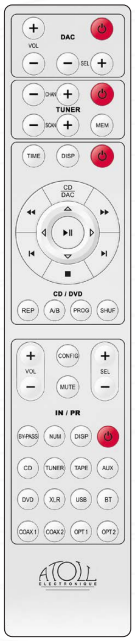
The discrete audio stages have a purely symmetrical structure; the circuit is based on a dual-input differential pair and an original Class A biased circuit with very low feedback. This structure minimizes both overall distortion and intermodulation distortion. This promotes the spatial and material perception of the instruments, listening gains in realism and expressiveness.



PR400 EVO aluminium brushed version

Technical data

Analog power supply:	2×10 VA linear
Digital power supply:	10 VA & 1,6 VA linear
Total of capacitors:	112 000 µF
Number of inputs:	5 lines + 2 XLR
Input impedance:	357 kΩ
Sensitivity:	4 V
Signal-to-Noise Ratio:	100 dB
Distortion at 1 kHz:	0,004%
Bandwidth:	0,5 Hz - 780 kHz
Rising time:	0,4 µs
Dimensions:	440×370×130 mm
Weight:	15 Kg



ATOLL 400 series global remote control

FEATURES

- 10 mm brushed, micro-blasted, and anodized aluminum front panel, with high-precision engraving.
- Aluminum heatsinks and knobs machined from a solid piece.
- 2 mm steel chassis.
- Four toroidal transformers: 2 x 10 VA (audio) + 10 VA & 1.6 VA (logic).
- High-quality shielded MKP coupling capacitors.
- Full dual-mono structure:
  - Two toroidal transformers: one per channel.
  - Four independent audio stages with a perfectly symmetrical structure.
  - Two motorized ALPS potentiometers: one per channel.
- Bipolar transistor input stages.
- Bipolar transistor and LED current sources.
- Audio stages with a perfectly symmetrical structure, very low feedback.
- Precise balance adjustment, with the ability to store it.
- Input renaming capability.
- Sleep mode can be selected: low power or preheating.
- Configurable button backlighting.
- High-contrast OLED display: ON or OFF (after 5 seconds of inactivity).



Internal view of the **PR400 EVO**

- DA100 or DA200 DAC board available as an option.
- ATOLL global remote control included as standard.



Connectivity

2 XLR inputs.
5 line inputs: AUX, CD, TUNER, DVD, TAPE.
1 BY-PASS input.
1 TAPE output.
2 XLR outputs.
2 stereo line outputs.
1 12V Trigger output.
Optional DA100 and DA200 digital boards:

DA100
- 2 Optical inputs.
- 2 Coaxial inputs.

DA200
- 2 Optical inputs.
- 2 Coaxial inputs.
- 1 Asynchronous USB & DSD input.
- 1 Bluetooth input.

PRESENTATION

The power stages feature eight MOS-FET transistors per channel, providing considerable power, perfectly controlled thanks to carefully designed audio stages.
The circuit has been optimized to make the device insensitive to capacitive loads.

The filter capacitors, with low series resistance, are custom-designed by a leading specialist. The MKP technology link capacitors were selected through careful listening; they are shielded in separate enclosures to prevent any electromagnetic interference. The connecting cables between the motherboard and the speaker outputs are made of pure, oxygen-free, silver-plated copper with Teflon insulation. These cables are custom-made by one of the best French audio cable manufacturers.

The proprietary tellurium copper speaker output plugs were developed for their ability to transmit all the energy and micro-details of the electrical signal without alteration. The polypropylene film structure link capacitors were selected through careful listening from the high-end series of leading manufacturers.

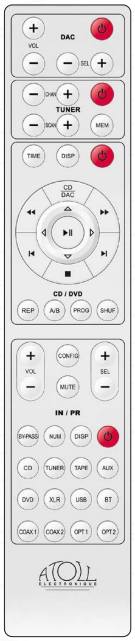
In bridged mono mode, the power output increases to 600 W/8 Ω: this operation is suitable for all systems requiring high power. The differential structure design allows this transformation to be achieved without altering the nuances of the musicality; the gain in "sound material" makes the listening experience even more realistic.



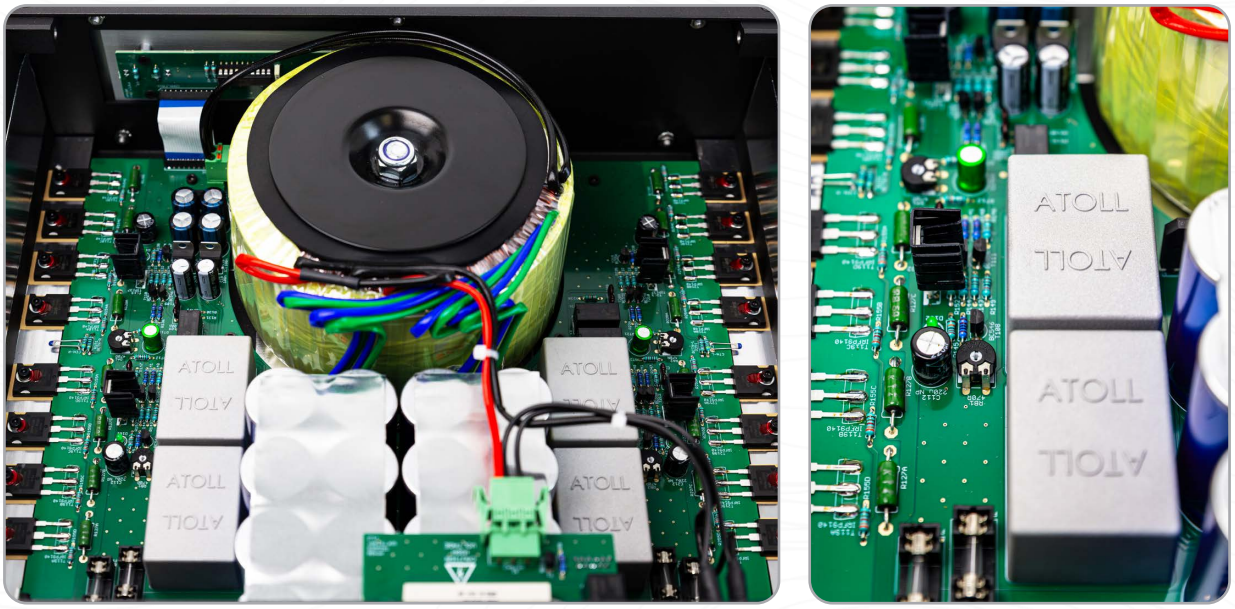
AM400 EVO aluminium brushed version

Technical data

Power Wrms/channel/8Ω:	170 W
Power Wrms/channel/4Ω:	320 W
Power in bridged mono mode/8Ω:	600 W
Power supply:	1050 VA
Total of capacitors:	111 300 µF
Number of stereo inputs:	1 RCA + 1 XLR
Power consumption with switch off:	0 W
Power consumption in operation:	48 W - 800 W
Input impedance:	220 kΩ
Sensitivity:	1,7 V
Signal-to-noise ratio:	105 dB
Distortion at 1 kHz:	0,005 %
Bandwidth:	5 Hz - 200 kHz
Rising time:	1,5 µs
Dimensions:	440×370×130 mm
Weight:	19 Kg



ATOLL 400 series global remote control



Internal view of the **AM400 EVO**

FEATURES

- 10 mm brushed, microblasted, and anodized aluminum front panel, with high-precision engraving.
- 2 mm steel chassis.
- Machined aluminum heatsinks.
- 1050 VA toroidal transformer.
- High-quality shielded MKP link capacitors.
- Custom-made printed circuit board with nickel/gold finish.
- Purely balanced XLR signal processing.
- Bipolar transistor and LED power sources ensure perfect voltage stability.
- Redesigned audio stages to make the device insensitive to capacitive loads.
- Improved signal-to-noise ratio.
- High-quality RCA input/output connectors, screwed to the chassis.
- Tellurium copper speaker outputs.
- 12V Trigger input.



Connectivity

1 Stereo XLR input.
1 Stereo line input.
1 12V Trigger input.
1 Stereo line output.
Tellurium copper speaker outputs.

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