Hifi Products designed and made in France
The ATOLL ELECTRONIQUE Company was founded in September 1997 by Stéphane & Emmanuel DUBREUIL. Right from the start the philosophy was to address a lack in the market: no reasonably priced true high-end audio electronics for budget-conscious audiophiles.

Therefore, we have made specific choices, such as simultaneous measuring and testing for each new product being developed by our R&D team. The systematic choice of the stages with discrete components authorizes precision of all adjustments and audio parameters. Moreover, the key components are selected after long hours of research and comparisons.

All our models are entirely assembled, tested and finalized in our factory with 4 steps-checks and measuring followed by thorough listening of each unit, ensuring us a great reliability and a complete control of the manufacturing process.

ATOLL ELECTRONIQUE is selling its products all over the world in more than 30 countries. We address the needs of the most demanding audiophiles and sound performance lovers, while giving them a clean, neat and beautiful European design that will be enhancing their interior homes.
The CD30 and IN30 composed the ATOLL’s entry level products. They together or as part of a separate system will astound you with their musical performance not expected at these price points. 100% Designed, Handcrafted and tested in France.

- Pure audio CD drive (play CDs, CD-R, CD-RW MP3; CD text access)
- Wolfson converter WM8729 - Symmetrical Output stages with discrete components - Global ATOLL remote control
- USB Input (USB host):
  - Playback of media files in MP3 format (Hard disk, USB key, computer...)
  - Access to the tracks and chapters through the front panel and remote control
- FM Tuner (optional)
  - 60 customizable presets
  - Automatic channel scan

Main Functions:
- Volume setup operated by digital command
- Balance setup
- Optional « wattmeter »
- Electronic protection
- Power: - 2X50 W\text{RMS} / 8\,\text{ohms} - 2X70 W\text{RMS} / 4\,\text{ohms}
- Symmetrical Output stages with discrete components
- MOS-FET Transistors
- 170 VA toroidal transformer
- 1.5mm steel chassis

Both IN30 & CD30 are available in black grey or lacquered finish.

CD PLAYER / USB / TUNER

CD30

- CD Player
- USB Input (Host)
- Tuner module (optional)

INTEGRATED

IN30

- 4 Inputs (CD, Tuner, DVD, AUX)
- 1 Tape Input (or By-pass)
- 1 media player Input jack (3.5mm)
- 1 Headphones Output (3.5mm)
- 1 Preamp. Output

The serial remote control for the CD30 allows to control the IN30 as well.
CD Players

CD50SE-2
- 5 regulated supplies
- WM8729 Wolfson converter
- Dynamic and signal/noise ratio of 106 dB
- Total of capacitors 14 000μF
- MKT condensators
- Pure A class output stages with bipolar transistors

CD100SE-2
- 7 regulated supplies
- PCM1796 Burr-Brown converter
- Dynamic and signal/noise ratio of 123 dB
- Symmetrical output stages with discrete components polarized on A class supplied by a specific toroidal 160VA transformer

CD80SE-2
- 7 regulated supplies
- WM8729 Wolfson converter
- Dynamic and signal/noise ratio of 106 dB
- Total of capacitors 17 000μF
- MKT condensators for audio links
- Pure A class output stages with bipolar transistors

OPTIONAL CONVERTER BOARD:
All SE-2 CD players models can be equipped with an optional board including 3 digital inputs:
- 1 digital input Coaxial
- 1 digital input Optical
- 1 USB input

Technical details on the reference series CD players:
- pure CD drive (optimized for a significant reduction of the jitter) mounted on an anti-resonant chassis
- Transformer specifically dedicated to audio stages
- SGold plated audio and digital outputs (coaxial)
- Playback of CD, CD - R and MP3
- CD text
- Global ATOLL remote control.

CD DRIVE

DR100SE-2
- TEAC CD drive designed with specific anti-vibration material
- Separated power supplies for the mechanism and the digital software
- 15VA transformer
- 11 000μF capacitors specially dedicated to the mechanism

FM TUNER

TU80
The TU80 high precision audiophile FM Tuner stands out because of its excellent musical articulation and the finesse of its timbres.
- 60 customizable presets
- Automatic channel scan
Stereo amplifiers AM50SE, AM80SE, AM100SE agree in most HiFi or audio-video applications. Very scalable, they can be used alone or in bi-amplification. Moreover, all models can be bridged onto mono block.

**INTEGRATED**

**IN100SE**
- 2X100 W$_{RMS}$/8 ohms
- 2X140 W$_{RMS}$/4 ohms
- Power supply: 670VA

**IN80SE**
- 2X80 W$_{RMS}$/8 ohms
- 2X120 W$_{RMS}$/4 ohms
- Power supply: 340VA

**IN50SE**
- 2X50 W$_{RMS}$/8 ohms
- 2X70 W$_{RMS}$/4 ohms
- Power supply: 170VA

**CONNECTINGS**
- 5 Inputs
- 1 By-Pass
- 2 Pre-Out
- 1 Headphones

**DETAILED OF REFERENCE SERIES:**
- Motorized ALPS potentiometer
- Fully symmetrical stages with discrete components, MOS-FET power transistors
- Selection of sources with relays
- MKP technology link capacitors

**OPTIONAL BOARDS**
for IN & PR

- AUX Input can be transformed:
  - Phono stage P50 or P100
  - Digital Input
  - Wireless Input

**TRIGGER OPTION**
An optional trigger link is possible between PR & AM.

**POWER AMPLIFIERS**

**PREAMPLIFIERS:**

**PR100SE**
- Power supply: 170 VA
- Total of capacitor of 15000 µF
- MKT condensators
- By-pass Input

**PR200SE**
- Power supply: 340 VA
- Total of capacitor of 30000 µF
- MKT condensators
- By-pass Input
The PRESTIGE range offers exceptional musical qualities bringing a large sound realism and a completely mastered sense of power.

It is distinguishable by a 8 mm aluminum front panel with dual processing: brushing and microbillage.

Current/voltage converters with ATOLL designed bipolar transistors stages
- MKP technology condensators (selected after listening test)
- Output differential stages with discrete components polarized in A class
- CD text
- ATOLL global remote control

Current & Voltage Converters

- Pure audio drive (optimized for a significant reduction of the jitter) mounted on an anti-resonant chassis
- 160VA Toroidal transformer specifically dedicated to Output audio stages
- 15VA transformer dedicated to digital stages
- 7 regulated supplies with one specifically dedicated for the converter
- BURR-BROWN converter PCM1792 :
  - 24 bits/192 kHz, oversampling 8x
  - 129 dB dynamic, signal/noise ratio of 129 dB
  - Differential current outputs

The CD200SE-2 can be equipped with an optional board, including 3 digital inputs (USB-B: coaxial, optical).
- 1 digital input Coaxial (24 bits/192kHz.)
- 1 digital input Optical (24 bits/192kHz.)
- 1 USB input (24 bits/96kHz.)

Optional Converter Board

CD PLAYER

CD200SE-2

- TEAC CD drive designed with specific anti-vibration material
- Separated power supplies for the mechanism and the digital software
- 30VA transformer
- 24 800µF capacitors specificaly dedicated to the mechanism
- Chassis treated against parasite vibrations
- 8 mm aluminium front panel

Audio Outputs:
- Analog “6 channel”
- Down-mix 2 channel
- Digital (coaxial & optical)

CD DRIVE

DR200SE-2

- 160 VA toroidal Transformer for audio output stages
- BURR-BROWN PCM converter 24bits/192 kHz
- Full discrete differential A-class output stages
- Audio class MKP capacitors
- Exclusively linear power supply for all stages
- SACD stereo and multichannel

Audio Outputs:
- Analog “6 channel”
- Down-mix 2 channel
- Digital (coaxial & optical)

CD-SACD PLAYER

SACD200

8 inputs:
- 1 AES/EBU
- 2 SPDIF coaxial
- 3 SPDIF optical
- 1 USB: 24bits/192kHz (asynchronous)
- 1 wireless [CD format] from a USB dongle (serial)

Connecting:

Audio: BURR BROWN Converter PCM1792 (24 bits/192 kHz)
(129dB dynamic range; THD+n<0.0004%)
- Symmetrical outputs current
- Symmetrical power transformers for output stages
- Output stages with discrete components and no feedback
- High technology MKP condensators

End users :
- Serial remote with volume control and sources selection
- Front panel with volume control by encoder and direct sources keys
- Digital display of volume level & sources
- Accepted format on optical & coaxial inputs: 16-24bits (44.1-48-96-192kHz)
- Accepted format on USB inputs: 16-24bits (32-44.1-48-96kHz)

CONNECTOR
Symmetrical Output stages with discrete components
- Double pair of MOS-FET transistors on each channel (IN200SE & AM200SE)
- Complete settings (from the front panel or with the remote control) of the balance and volume (IN200SE & PR300SE)
- Direct access to each inputs from the front panel or with the remote control
- 5 Inputs (with 1 AUX. for optional Phono or digital board)
- By-pass input
- Headphones jack

INTEGRATED
IN200SE

- 2X120 \text{W}_{\text{RMS}} / 8 \text{ohms}
- 2X200 \text{W}_{\text{RMS}} / 4 \text{ohms}

Double mono power supply: 2X330VA + 10VA

CONNECTINGS

- 5 Inputs
- 1 By-Pass
- 2 Pre-Out
- 1 Headphones
- 1 Trigger out

OPTIONAL BOARDS for IN & PR

AUX. Input can be transformed:
- Phono stage P50 or P100
- Digital Input
- Wireless Input

PREAMPLIFIER
PR300SE

- Power supply: 340VA
- Total of capacitors: 30 000 µF
- Rising time: 1.3\text{us}

TRIGGER LINK

A trigger link is available for IN100SE, PR300SE & AM200SE

POWER AMPLIFIER
AM200SE

- 2X120 \text{W}_{\text{RMS}} / 8 \text{ohms}
- 2X200 \text{W}_{\text{RMS}} / 4 \text{ohms}

Double mono power supply: 2X330VA + 10VA
Possibility to bridge in mono bloc

ATOLL global remote control compatible with all ATOLL products (preamp., Integrated, Tuner, CD players)
**TECHNICAL SPECS FOR ST100SE & ST200SE**

**ST100SE**
- 4 mm aluminum front panel (black or silver)
- Power Supply: 30 + 3.2 VA
- Total of capacitors: 9858 µF
- Converter: BURR-BROWN (PCM 1796) 24bits-192kHz
- Signal/noise ratio: 123 dB
- Dynamic: 123 dB

**ST200SE**
- 8 mm Aluminum front panel (black or silver)
- Power Supply: 30 + 5 VA
- Total of capacitors: 12 178 µF
- Converter: BURR-BROWN (PCM 1792) 24bits-192kHz
- Signal/noise ratio: 129 dB
- Dynamic: 129 dB

**CONNECTING: (ST100SE & ST200SE)**
2 USB « A » inputs (24 bits/96kHz) [1 front & 1 rear].
1 RJ45 input and 1 Wifi antenna
3 digital inputs:
  - 1 USB « B » asynchronous [24bits/192kHz]
  - 1 Coaxial SPDIF (24 bits/192KHz)
  - 1 Optical SPDIF (24 bits/192KHz)
1 Bluetooth® input
2 stereo analog inputs
1 pair of analog RCA input
2 digital inputs (coaxial & optical)
1 headphones input (on front panel)

**STREAMERS FEATURING:**
**PREAMP**
**CONVERTER**
**INTERNET RADIO**
**CONTROL WITH APP**

**HIGH DEFINITION STREAMER:**
- Reads all audio files of the network (DLNA compatible)
- Readable formats (up to 24bits/192kHz): WAV, AIFF, FLAC ALAC, MP3…
- Displays of all information’s (covers, files names, time…) from USB-A or network “gapless” system (uninterrupted playback of consecutive audio tracks)
- Possible update of the software from the device
- 3.5” QVGA TFT color display

**INTERNET RADIO:**
Direct access to internet radios (MP3 or HD) by the vTuner system:
choice in 15000 stations, 120 countries, 56 genres, podcasts…

**PREAMP INCLUDING ANALOG VOLUME CONTROL:**
- Symmetrical outputs stages with discrete components polarized in A class
- Analog volume control (with commutated resistors) with possible By-Pass
- Transformer specifically dedicated to audio stages

1 Bluetooth® receiver [I2S interfaced to the PCMS102]

**END USERS**
Control with a free downloaded iOS or Android app.

Serial remote control (volume control, inputs selection, web radio setup…)

**STREAMERS**

**ST100SE**

**ST200SE**
Characteristics for SDA100 & SDA200

Streamer:
All audio files linked to the network can be read: FLAC/WAV up to 24 bits/192kHz, ALAC, AIFF, MP3...
Displays of all information’s (covers, files names, time…) “gapless” system (uninterrupted playback of consecutive audio tracks)

Radio Internet:
- Internet radios (MP3 or HD) with vTuner system: choice in 15000 stations, 120 countries, 56 genres, podcasts…
- Radio’s logos displays and all information’s available (titles, artists…)

1 Bluetooth® receiver (I2S interfaced to the PCM5102)

Audio specs:
Converter: PCM5102 (SNR: 112dB)
Symmetrical audio stages with discrete components polarized in AB class
MOSFET power transistors
Analog volume control (with commutated resistors) with possible By-Pass
MKP audiophile capacitors armored in an aluminum enclosure

End users:
3.5” QVGA TFT color display
Remote control (volume control, Inputs selection, web radio setup…)
Control with a free downloadable Apple® or Android® app.

SDA200

2x80 W_{RMS} / 8 ohms
2x120 W_{RMS} / 4 ohms
Power supply: 340 VA + 30VA

DAC & Pre-amp / connecting:
2 USB « A » Inputs (1 front & 1 rear) up to 24 bits/192kHz
- 3 digital Inputs:
  - 1 USB « B » (asynchronous 24 bits/192kHz)
  - 1 Coaxial SPDIF (24 bits/192kHz)
  - 1 Optical SPDIF (24 bits/96kHz)
- 1 RJ45 network link
- 1 Wifi antenna
- 1 Stereo RCA analog Output
- 1 Trigger 12V output
- 1 headphones Output (on front panel)
- 1 pair of terminal Outputs
CONVERTER
DAC100SE

- 2 independent transformers (with 1 exclusive for analog audio)
- 7 regulated supplies
- D/A Converters: BURR BROWN PCM 1796
- Output stages with discrete components without feedback
- MKP capacitors for audio links
- Accepted format for optical and coaxial inputs:
  16-24bit (44.1kHz, 48kHz, 96kHz and 192kHz)
- Accepted format for the USB input: 16bits (32kHz, 44.1 kHz, 48kHz)
- Optional remote control for volume control and sources selection

Connecting:
- 3 optical inputs
- 3 coax. inputs
- 1 USB Input (B type)
- 1 stereo analog. Output
- 1 optical Output
- 1 coax. Output

HEADPHONES AMPLIFIER / DAC / PREAMPLIFIER
HD100 - HD120

- 2 Headphones Jack Outputs (6,35mm – 1/4”)
- Inputs Selection and Indicators
- Analog Volume Control (ALPS potentiometer)
- Optional Remote Control (volume and sources selection)
- Stand-by

Connecting:
- 2 Line Inputs (RCA)
- 1 Preampl. Output (RCA)
- 1 Coaxial Input [32bits/384kHz]
- 1 Optical Input (24bits/192kHz)
- 1 Trigger 12V output
  (direct switch on/off with MA100)

Additional on HD120:
- 1 USB-B 24/192kHz asynchronous input
- 1 Bluetooth input (I2C direct)

POWER AMPLIFIER
MA100

2x60 W RMS / 8 ohms
2x80 W RMS / 4 ohms
Power Supply: 170VA

- Fully symmetrical stages with discrete components
- Single pair of MOS-FET transistors per channel on outputs
- 170VA toroidal transformer
- Stereo/Mono bridge

Connecting:
- 2 RCA Input/Output
- 2 loudspeakers Outputs
- Trigger 12V input
- Stereo/Mono switch

STREAMER MS100
Audio Streamer based on the same streaming platform and display as ATOLL Streamers able to read almost all audio files (up to 24 bits/192kHz) via network and USB.

Network Streamer:
Displays all information’s (covers, files names, time…) “gapless” system (uninterrupted playback of consecutive audio tracks). Readable formats: FLAC/WAV 176.4kHz & 192kHz/24bits, ALAC, AIFF, MP3…

Possible update via internet
- Wifi or RJ45 network connection
- Internet radio (vTuner – 15 000 radios + podcast)
- 2 USB-A inputs: 1 front & 1 rear
- 2 digital outputs (optical & digital)
- 1 analog output
- Control by app (Android & Apple)
- Remote control included (able to control also other Atoll’s products)
AUDIO/VIDEO PREAMPLIFIER

PR5.1

Born from our experience in the field of sound reproduction, the PR5.1 gives you a realistic listening, precise and superbly musical. On the cutting edge of audio technology and equipped with multiple audio and video interconnect options, it fits perfectly into Hi-Fi and Home theater systems. As well, it stands out for ease of use and its unique quality/price ratio.

3 CHANNEL AMPLIFIERS

AV50 - AV80 - AV100

Combined with Stereo Integrated or amplifiers, 3 Channel power amplifiers, AV50, AV80 & AV100 are ideals for 5 channel audio-video system.

5 CHANNEL POWER AMPLIFIER

AV500

While keeping essential musical quality components, the AV500 offers a more compact solution and stunning performance in multichannel applications.

PHONO PREAMPLIFIER

PHONO PREAMP

P200SE

- Symmetrical stage with discrete components
- MM/MC setup
- Audio class MKP capacitors
- Separated power supply
- 8 mm aluminium front panel (black or silver)

OPTIONAL BOARDS

ATOLL proposes a complete line of Phono boards which can be mounted on all IN & PR models (except IN30) OF Reference & Prestige series.

WIRELESS BAORD

This option is composed with a USB dongle and a receiver reception board with antenna. These elements establish a binding to transfer audio signals (regardless of the type of files or software) all exclusive wireless to the reception board pre-equipped on the AUX input. Binding is done directly to your ATOLL’s device from this USB stick suitable on any computer.

Audio performances:
- Transmission is equal to the CD format (16 bits/44 kHz) without any compression.
- Reception board is equipped with a Burr Brown PCM1754 converter (24 bits/192kHz).

Digital Board SPDIF

This board allows to convert digital SPDIF format (up to 24bits/96kHz).
FINISH:
Possible finish for Reference and Prestige series:
Black
Silver

REMOTE CONTROL
The global remote control is available on option for IN30, IN50se, IN80se, IN100se, PR100se, PR200se, DAC100se and Tuner.

It is on serial with IN200se, PR300se, PR5.1, DAC200 and with all CD players.

Dealer’s stamp

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Brochure available
for the 400 series including
IN400 - PR400 - AM400 - CD-DR400se