STORM|AUDIO

IMMERSE YOURSELF IN SOUND EXCELLENCE

Immersive Sound Processors,
Receivers & Amplifiers

WHO WE ARE

StormAudio, headquartered in France, boasts a worldwide team united by a shared passion for audio and cinema. Focused on creating electronic products for the residential home cinema and mixing studios sectors, we specialize in crafting high-end immersive sound processors, receivers and amplifiers with the final objective of making life easier for our customers.

Modular, intuitive and reliable

We engineer products that can create the ultimate cinematic experience right in your client's home, providing the best immersive sound for installation.

We believe in a design that will stand the test of time. This is why our products are designed to be upgradeable and modular. Their flexible and robust features cater to the needs of even the most demanding integrators, while simultaneously providing easy-to-use and intuitive tools for configuration and calibration.

In addition to a 5-year warranty, we also provide international technical support through our service centers located in France, the United States and Hong Kong.

OUR MISSION

Enhance sound experience thanks to innovating and future-proof technologies

PRODUCT RANGE

Our audio processors, receivers and amplifiers are engineered to bring the most-advanced technologies to the heart of the home theatre, delivering a unique immersive sound experience.

Industry recognized, with numerous awards and accolades from around the world, our high-end products will supply superior sound quality, reliability and ease of setup while offering peerless upgradability.

AURO3D · Dolby Atmos · dts X · IMAX ENHANCED · MPEG-H AUDIO · 360 REALITY AUDIO · DIRAC · HDMI 2.1

PROCESSORS

Elite

Evo

Core

RECEIVER

Fusion 20

AMPLIFIER

Impulsion 8

IMMERSIVE SOUND PROCESSORS

Elite

Awarded multiple times as the best home cinema sound processor, the Elite can decode and upmix up to 32 channels while offering the capability to process up to 32 home cinema speakers. Just like all our products, it features the cutting-edge Dirac Live Active Room Treatment module.

We provide a range of options for a tailored and superior audio experience, including the addition of analog XLR outputs and support for up to 32 AES/EBU and AoIP (AES67/Dante) channels.

● *Technical specifications p.13*

Evo

The Evo is the first purely digital immersive sound processor on the home theater market. It's the only answer to pure digital installations that are now commonly required in "resimercial" projects, mixing studios or luxury marine markets.

With AES/EBU or AoIP (AES67/Dante) interfaces, it is also today the only processor on the market allowing for interfacing to Digital Cinema processors (DCI) playing DCP content and providing up to 32 channels in digital format to the network.

- *Technical specifications p.14*

Core

With a design based on the StormAudio Elite platform, the Core 16 is a sleek, compact, and premium option that delivers StormAudio's signature functionality and performance in a 3U chassis. Supporting 16 channels, it carries all the Elite platform features such as 20 PEQs per channel, multi-way speaker management, and any number of subwoofers.

Building on this foundation, the new Core 16+ is an enhanced version that supports up to 18 channels and includes advanced features as standard.

- *Technical specifications p.15*

IMMERSIVE SOUND RECEIVER

Fusion 20

The Fusion 20 is a 20-channel processor integrating 16 channels of the latest Edge amplification technology from Denmark based ICE Power. It combines the strengths and technologies of both our processors and amplifiers, showcasing remarkably low levels of noise and distortion. It's the only receiver on the market supporting Dirac Live Active Room Treatment, and has a continuous capacity of 2000 watts, peaking at 2500 watts.

- *Technical specifications p.16*

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POWER AMPLIFIER

Impulsion 8

Building on the acclaimed PA 8 Ultra, the Impulsion 8 brings higher power, greater flexibility, and smarter integration—all in a compact 2RU chassis with near-silent cooling.

Embedding the latest Pascal Audio technology with up to 800W per channel (8Ω, 4ch BTL mode, Class D) and 3600W total power supply capability, the Impulsion 8 adapts effortlessly to the most demanding speaker setups, all channels driven.
Its AES67/Dante-compatible digital input and integrated DSP open new speakers' management possibilities for streamlined IP-based installations, while the latest ESS Sabre HyperStream IV Digital-to-Analog conversion technology — shared with StormAudio processors — ensures consistent, reference-grade sound quality across the entire system.

Designed to deliver high-performance audio with precision, stability, and full control, the Impulsion 8 is the intelligent amplifier choice for today's most demanding home cinema and studio installations.
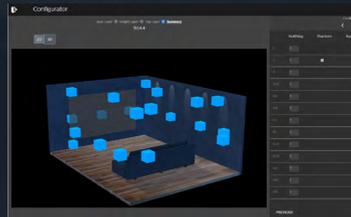
● *Technical specifications p.17*

OUR EXPERTISE

Deceptively simple

A fully customizable and intuitive Web User Interface brings StormAudio's legendary sonic signature to the command of the integrator's fingertips, allowing for perfect audio immersion in every home.

StormEasy Wizard is an easy step-by-step configuration for all users. With the addition of a Layout level, it is possible to reconfigure the use of your 32ch processor with a simple Preset selection and create various listening experiences and speaker usages.

Future-proof technologies

We believe in products that will stand the test of time. Upgradability and continuous improvement are at the heart of our approach and push us to develop upgradable hardware and software.

Our products feature a highly versatile and adaptable modular design, granting our clients complete flexibility to meet any specific requirement. Also, through regular software updates, we ensure our customers consistently enjoy the cutting-edge technologies of immersive sound and an array of new features as the years progress.

Room calibration experts

With StormAudio's ISP configuration interface, both experts and beginners will always find their way to make the system sound good. In 2023, we made Dirac Live Active Room Treatment exclusively available to all our users.
It completely transforms you auditory landscapes, providing unparalleled immersive audio encounters. This groundbreaking technology represents a paradigm shift in acoustic rendering for any setup.

Dirac Live ART and Bass Control modules efficiently align speakers and correct room modes through automated processes. Alternatively, users can manually apply parameters using their measurement tools and filter-design software in the ISP interface, ensuring top-tier performance.

Elite

16/24/32 CHANNELS
DECODING / UPMIXING

OUTPUTS	16ch, 24ch or 32ch analog (XLR) Up to 32ch digital (AES/EBU) Up to 32ch digital AoIP (AES67/Dante) 1x Optical (Zone2 Downmix / + 2ch)
INPUTS	Up to 16ch digital (AES/EBU) Up to 32ch digital AoIP (AES67/Dante) 4 RCA analog (7.1 or stereo) 1 XLR analog (stereo) 6 SPDIF (3 x optical / 3 x coaxial) Roon Ready
HDMI IN/OUT	7 IN / 2 OUT (ARC/eARC) Matrix HDMI2.1 / HDCP2.3 4K UHD / 8K 40 Gbps on all ports HDR10+, Dolby Vision, HLG
PROCESSING	Up to 32ch, Multi-theater, Multi-layout & Multi-room, Standard and Expert Bass Management, Multi-way speakers, Multi-subwoofer
ROOM CORRECTION	Dirac Live with Room Correction, Bass Control and Active Room Treatment modules included, REW plugin
AUTOMATION CONTROL	TCP/IP (ETHERNET), IR, IR remote control, StormRemote iOS and Android App, Web based configuration, Control4, URC, Crestron, RTI, Savant, Nice (former ELAN) drivers
DIMENSIONS *WITH EARS* *WITH FEET*	**L 44,2 x D 46,58 x H 17,6 cm** *L 48* *H 19,35*
WEIGHT	**11 kg**

5-YEAR WARRANTY

Evo

20/32 CHANNELS
DECODING / UPMIXING

OUTPUTS	Up to 32ch digital (AES/EBU) Up to 32ch digital AoIP (AES67/Dante) 1x Optical Toslink (Zone2 Stereo downmix)
INPUTS	Up to 16ch digital (AES/EBU) Up to 32ch digital AoIP (AES67/Dante) 4x RCA analog (7.1 or stereo) 1x XLR analog (stereo) 6 SPDIF (3 x optical / 3 x coaxial Roon Ready
HDMI IN/OUT	7 IN / 2 OUT (ARC/eARC) Matrix HDMI2.1 / HDCP2.3 4K UHD / 8K 40 Gbps on all ports HDR10+, Dolby Vision, HLG
PROCESSING	Up to 32ch, Multi-theater, Multi-layout & Multi-room, Standard and Expert Bass Management, Multi-way speakers, Multi-subwoofer
ROOM CORRECTION	Dirac Live with Room Correction, Bass Control and Active Room Treatment modules included, REW plugin
AUTOMATION CONTROL	TCP/IP (ETHERNET), IR, IR remote control, StormRemote iOS and Android App, Web based configuration, Control4, URC, Crestron, RTI, Savant, Nice (former ELAN) drivers
DIMENSIONS *WITH EARS* *WITH FEET*	**L 44,2 x D 40,22 x H 13,27 cm** *L 48* *H 14,95*
WEIGHT	**9 kg**

5-YEAR WARRANTY

Core

16/18 CHANNELS
DECODING / UPMIXING

OUTPUTS	16ch analog (XLR) 1x Optical Toslink (Zone2 Downmix / + 2ch)
INPUTS	4 RCA analog (7.1 or stereo) 6 SPDIF (3 x optical / 3 x coaxial) Roon Ready
HDMI IN/OUT	7 IN / 2 OUT (ARC/eARC) / HDMI dual Zone Matrix for Core 16+ only HDMI2.1 / HDCP2.3 4K UHD / 8K 40 Gbps on all ports HDR10+, Dolby Vision, HLG
PROCESSING	Up to 18ch, Multi-theater, Multi-layout & Multi-room, Standard Bass Management, Multi-way speakers, Multi-subwoofer. Core 16+ only: Expert Bass Management, StormXT ambiance expander
ROOM CORRECTION	Dirac Live with Room Correction, Bass Control and Active Room Treatment modules included, REW plugin
AUTOMATION CONTROL	TCP/IP (ETHERNET), IR, IR remote control, StormRemote iOS and Android App, Web based configuration, Control4, URC, Crestron, RTI, Savant, Nice (former ELAN) drivers
DIMENSIONS *WITH EARS* *WITH FEET*	**L 44,2 x D 40,22 x H 13,27 cm** *L 48* *H 14,95*
WEIGHT	**9 kg**
5-YEAR WARRANTY	

Fusion 20

20 CHANNELS
DECODING / UPMIXING

OUTPUTS	16ch, analog amplified (3-way binding posts) 4ch analog (XLR) 1x Optical Toslink (Zone2 Stereo downmix)
INPUTS	4 RCA analog (7.1 or stereo) 6 SPDIF (3 x optical / 3 x coaxial) 1x XLR analog (stereo), Roon Ready
HDMI IN/OUT	7 IN / 2 OUT (ARC/eARC) Matrix HDMI2.1 / HDCP2.3 4K UHD / 8K 40 Gbps on all ports HDR10+, Dolby Vision, HLG
PROCESSING	Up to 20ch, Multi-theater, Multi-layout & Multi-room, Standard and Expert Bass Management, Multi-way speakers, Multi-subwoofer
ROOM CORRECTION	Dirac Live with Room Correction, Bass Control and Active Room Treatment modules included, REW plugin
AUTOMATION CONTROL	TCP/IP (ETHERNET), IR, IR remote control, StormRemote iOS and Android App, Web based configuration, Control4, URC, Crestron, RTI, Savant, Nice (former ELAN) drivers
AMPLIFIER SPECIFICATIONS	16 channels (SE, Single Ended) / Up to 10 channels (SE) + 3 channels (BTL, Bridge Tied Load) SE : 150W (8ohm) / 300W (4ohm) BTL : 500W (8ohm) / 500W (4ohm) Continous power up to 2000W / Peak power up to 2500W (CEA-490-A)
DIMENSIONS *WITH EARS :* *WITH FEET :*	**L 44,2 x D 49,1 x H 17,6 cm** *L 48* *H 19,35*
WEIGHT	**17 kg**
5-YEAR WARRANTY	

Impulsion 8

OUTPUTS	8ch, analog amplified (3-way binding post) 4mm wire
INPUTS	8ch XLR 8ch Digital AoIP
PROCESSING	For AoIP input: Multi-way speaker management, Parametric EQ, FIR, Limiter/Compressor
CONTROL	Ethernet (Monitoring) Trigger IN
RACK SIZE	2RU
CONFIGURATION	8ch Single Ended / 4ch Bridged Tied Load Class D
SPECIFICATIONS	SNR (p-rated) : 115dB THD+N (1W) : <0.005%

SPECIFICATIONS detail:

Normal mode:
8ch SE, 26 dB gain (Adjustable)
Power, all channels driven, 0,1% THD+N
200W RMS @ 8 ohm
400W RMS @ 4 ohm

Bridged mode:
4ch BTL, 32 dB gain (Adjustable)
Power, all channels driven, 0,1% THD+N
800W RMS @ 8 ohm
800W RMS @ 4 ohm

DIMENSIONS *WITH EARS* *WITH FEET*	**L 42.9 x D 44.2 x H 8.8 cm** *L 48* *H 10.25*
WEIGHT	**11.6 kg**

5-YEAR WARRANTY

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