ISP Core 16

IMMERSIVE AV PREAMP PROCESSORS

- Dolby Atmos, Auro-3D,
  DTS:X Pro, IMAX Enhanced

- 16ch decoding / upmixing
  Up to 9.1.6 / 11.1.4

- StormXT ambiance expander
  (optional)

- 16 channels post-processing
  Multi-way active speakers and
  PEQ management

- Bass Management
  Standard or Expert with up to 6
  bass zones (optional)

- Dirac Live
  Room Correction, Bass Control and Active
  Room Treatment modules included

- Roon Ready

- 16 channels XLR outputs
  Multiple theaters and zones
  management

- 2ch optical output

- Upgradeable HDMI
  7 inputs / 2 outputs
  Matrix (optional)
  HDMI 2.0/HDCP2.2 with OSD
  4K UHD with HDR10, HLG &
  Dolby Vision

- Multiple control capabilities
  IR remote control included

- Intuitive web-based
  configuration
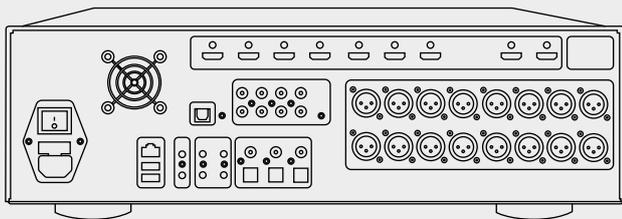
- Remote monitoring and
  management

ISP Core 16
4K UHD, 16CH, IMMERSIVE AV PREAMPS

The ISP Core 16, designed and manufactured in France, supports up to 16 channels and has all the DSP power to decode all the latest immersive formats (Auro-3D, Dolby Atmos, DTS:X Pro, IMAX Enhanced) and enable post-processing to optimize any speaker to any room straight out of the box. It includes the the latest Dirac Live Active Room Treatment module for easy and accurate room calibration, supports up to 20 PEQs per channel and can drive up to four-way active crossovers and any number of subwoofers.

A refined minimalist design highlighting a new full-color 5" display that provides access to a wealth of information such as real-time multichannel VuMeter or HDMI signal details for quick accessible overview of essential data. The ISP Core 16 can be easily controlled by a variety of tools, ranging from the included IR remote control to home automation systems or the Android/iOS app available on smartphones or tablets. Our credo is to engineer high-performing products that are simple to use and easy to set up for the customer; the ISP Core 16 is no exception, it comes with StormAudio's intuitive User Interface and user-friendly Speaker Configurator.

Based on the design of its big brother the ISP Elite MK3, it delivers the same audio performance with the same DAC portion and proprietary analog/digital hybrid volume adjustment that maximizes the dynamic range for a more accurate, detailed and dynamic reproduction of your movie soundtrack or your music playlists. Although the ISP Core 16 does not offer modularity, upgradability of the HDMI board remains possible so you can stay up to date whenever new updates are released. It currently supports HDMI2.0/HDCP2.2 up to 4K UHD with HDR10, HLG and Dolby Vision as well as ARC/eARC.

An optional firmware package is available to activate additional features: StormXT ambiance expander, Expert Bass Management flexible bass routing and HDMI matrix features.

ISP Core 16	
HDMI IN/OUT	• 7 IN / 2 OUT (ARC/eARC) • Optional : HDMI Matrix • HDMI2.0b/HDCP2.2 • 4K UHD 18 Gbps on all ports • HDR10, Dolby Vision, HLG
AUDIO OUTPUTS	• 16ch analog (XLR) • 1x Optical Toslink (Zone2 Stereo downmix)
AUDIO INPUTS	• 4x RCA analog (7.1 or stereo) • 3x Coaxial SPDIF • 3x Optical Toslink
DECODING	• 16 decoding/upmixing channels • Dolby Atmos, Auro-3D • DTS:X Pro, IMAX Enhanced ready • Optional : StormXT • All legacy codecs up to 192 kHz
PROCESSING	• Up to 16ch • Standard Bass Management Optional : Expert Bass Management flexible bass routing • Multi-theater & multi-room • Multi-way speakers • Multi-subwoofer
ROOM CORRECTION	• Dirac Live with Room Correction, Bass Control and Active Room Treatment modules included • REW plugin
STREAMING	• Roon Ready
CONTROL	• TCP/IP (ETHERNET), IR • IR remote control • StormRemote Tablet Application • StormRemote Mobile Smartphone Application • Web based configuration • Control4, Crestron, RTI, Savant, ELAN drivers