ISR Fusion 20

IMMERSIVE AV INTEGRATED AMP PROCESSOR

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

- 20 channels
  Decoding / upmixing
  Up to 11.1.8

- StormXT ambiance expander

- 20 channels post-processing
  Multi-way active speakers and
  PEQ management
  Multiple theaters and zones
  management

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

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

- Roon Ready

- 2 channels Zone2 optical
  output

- 16 or 13 channels
  amplified outputs
  16x 150W @ 8ohm SE
  or 3x 500W @ 8ohm BTL
  + 10x 150W @ 8ohm SE

- 4 channels analog outputs
  XLR balanced

- Upgradeable HDMI
  7 inputs / 2 outputs Matrix
  HDMI 2.1a / HDCP2.3 with OSD
  8K / 4K120 with HDR10+, HLG &
  Dolby Vision

- Intuitive web-based
  configuration

- Multiple control capabilities

- Remote monitoring and
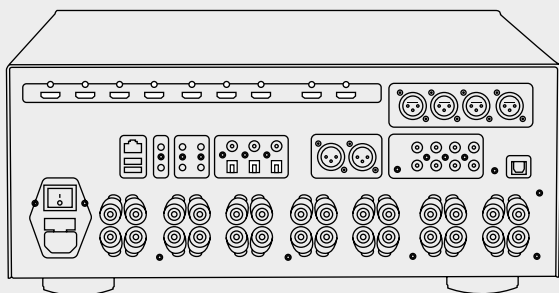 management

ISR Fusion 20

8K / 4K120, 20CH IMMERSIVE AV PREAMP, 16CH AMP

Based on the award-winning ISP Elite MK3 platform, the ISR Fusion 20 is a 20ch processor integrating 16 channels of the latest Edge amplification technology from Danish based ICE Power, exhibiting extremely low noise and distortion levels with 150W (8ohm) per channel, and up to 500W (8ohm) when bridged.

This unique receiver in the market 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 highest precision implementation of Dirac Live Active Room Treatment for easy and accurate room calibration, supports additionally up to 20 PEQs per channel and can drive up to four-way active crossovers and any number of subwoofers.

Based on the ISP Elite MK3 design, it delivers the same audio performance thanks to StormAudio 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, perfectly rendered by the ICE Power amplification. The ISR Fusion 20 has a fixed architecture, but the upgradeability of the HDMI board remains possible whenever new upgrades are released. It currently supports HDMI2.1a/HDCP2.3 up to 8K/4K120 with HDR10+, HLG and Dolby Vision as well as ARC/eARC.

The ISR Fusion 20 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 ISR Fusion 20 is no exception, it comes with StormAudio's intuitive User Interface and user-friendly Speaker Configurator.

ISR Fusion 20	
HDMI IN/OUT	• 7 IN / 2 OUT (ARC/eARC) • HDMI2.1a / HDCP2.3 • 8K / 4K120 40 Gbps on all ports • HDR10+, Dolby Vision, HLG
AUDIO OUTPUTS	• 16ch, analog amplified (5-way binding posts) • 4ch analog (XLR) • 1x Optical (Zone2 Downmix)
AUDIO INPUTS	• 4x RCA analog (7.1 or stereo) • 1x XLR analog (stereo) • 3x Coaxial SPDIF • 3x Optical Toslink
DECODING	• 20 decoding / upmixing channels • Dolby Atmos, Auro-3D • DTS:X Pro, IMAX Enhanced • StormXT ambiance expander • All legacy codecs up to 192 kHz
PROCESSING	• up to 20ch • Multi-theater & 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
STREAMING	• Roon Ready
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 1000W • Peak power up to 2400W (CEA-490-A)
CONTROL	• TCP/IP (ETHERNET), IR • IR remote control • StormRemote Application (Mobile and Tablet) • Web based configuration • Control4, Crestron, RTI, Savant, ELAN drivers