



AMPLIFICATION

- **190 Watts x 7 Direct Energy HD Amplification Developed with ICEpower** (1KHz @ 6 ohms, 1% THD)
- **770 Watt Multi Channel Simultaneous Power Output** (1kHz, 1% THD @ 8 ohms)
- Rigid Trans Stabilizer and 3D Space Frame Construction
- Separated Construction Chassis
- Brushed Aluminium Front Panel

AUDIO FEATURES

- **Dual Freescale and Texas Instruments Aureus 32-bit Digital Engine**
- Air Studios Monitor Certified
- **THX Ultra2 Plus Processing and Certification**
- Dolby TrueHD, Dolby Pro Logic IIz, Dolby Digital EX, Dolby Digital Plus, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS 96/24, DTS Neo:6, DTS Express
- Advanced MCACC (Auto Room Calibration)
 - Symmetric 9-band EQ
 - Standing Wave Control
 - Auto Crossover
- 192 kHz/24-bit DAC (111 db S/N)
- 192 kHz/24-bit ADC (112 db S/N)
- **Sampling rate Converter – 192 kHz/24-bit All Sources**
- Jitter Reduction Plus
- **Full Band Phase Control**
- WMA9 Pro Decoder
- DTS Neural Surround
- PQLS Bit-stream
- Advanced Surround Sound (13+1 Modes)
- Wide Surround
- Optimum Surround
- Front Stage Surround Advance (Focus, Wide)
- Headphone Surround
- Virtual Surround Back and Height
- High Bit / High Sampling
- Multi-Channel Auto Level Control
- Dialogue Enhancement
- Multi-Channel Advanced Sound Retriever
- Sound Retriever AIR for Enhanced 2-Channel Playback via Bluetooth
- Midnight Listening Mode
- Sound Delay (Lip-Sync)
- Multi-Channel Tone Control

VIDEO FEATURES

- HDMI (v1.4 with 3D)
- Audio Return Channel
- Marvell 1080p / 24 fps Video Processor
- Supports 48-bit Deep Colour and x.v.Colour
- Pure Cinema I/P Conversion
- 3D Noise Reduction (for Analogue and HDMI HD)
- Advanced Video Adjustments with Black Level

CONNECTIVITY

- Made for iPod and iPhone Certified with Front USB Featuring iPhone, iPod Touch, and iPod Player Album Art and Full Colour GUI (USB + Composite Cable Included)
- **Networking Entertainment:**
 - **vTuner**
 - **DLNA 1.5**
 - **FLAC Decoder**
 - **Internet Radio**
 - **Firmware updates available through network**
- Front Panel USB Memory Audio and Photo Playback
- **Bluetooth Ready***
- HDMI v1.4 (with 3D) - 6 Inputs (1 Front/ 5 Rear) / 2 outputs
- **Digital Coaxial (3 Inputs)**
- Digital Optical (4 Inputs / 2 Output)
- Audio In / Out (3 Inputs / 1 Output)
- A/V Composite (4 Inputs / 1 Output) Including 1 Front Input
- Component Video (3 Inputs – Assignable / 1 Output)
- Phono Input
- 9.1 Pre-Amp Output

CUSTOM CONTROL

- PC Web Browser Control
- iControlAV App for control of the receiver with iPhone/iPod Touch (available for download in the Apple App Store)**
- On-Screen Display (Independent On-Screen Display for Zone 2/3)
- 3-Zone Multi-Zone and Source (A/V)
- **Component Video Zone 2**
- Internet Radio Station Input via USB-connected Keyboard
- Versatile 9.1 Speaker Configuration
- Assignable Surround Back Speaker – Bi-Amp, or Zone 2
- **Main Room / Multi-zone Illuminated RF Learning Remote**
- RS232 Interface
- 12 Volt Trigger (x2 – Assignable), I/R (2 In/1 Out)

SPECIFICATIONS

- Power Requirements: AC 220V to 230V, 50Hz/60Hz
- Power Consumption: 330 Watts
- Standby Power Consumption: Less the 0.3 Watts
- W x H x D: 420 x 200 x 460 mm
- Weight: 18.5 kg

INTEGRATED TECHNOLOGIES



REAR PANEL



iControlAV



iControlAV makes it easy to operate several basic functions of your receiver and Blu-ray player using an iPhone or iPod touch in a Wi-Fi network environment. Download this iPhone app and enjoy controlling your home cinema system with just one finger



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 *Optional AS-BT100 Bluetooth Adapter required and sold separately.
 **Home network required.