




exposure

with music in mind
since 1974



exposureproductrange

www.exposurehifi.com

A photograph of a leather armchair with a Union Jack cushion, viewed through a window with blinds. The scene is softly lit, suggesting a comfortable living space. The chair is in the foreground, and the Union Jack cushion is a prominent feature. The window blinds are partially open, allowing natural light to filter through.

To put it another way, our design philosophy is to make Hi-fi that gets on with the task of authentically reproducing any and every kind of music, while the equipment itself hides in the background. Which is smart thinking, since real music lovers prefer to listen to their music rather than the Hi-fi.

On the outside, our products are simple, clean and elegant. Robustly built, they offer user friendly features and clear controls. We think that the best place for all the complex engineering is on the inside, where decades of research and development go into producing that renowned musical performance.

Exposure is available worldwide from a network of specialist shops run by people who know a thing or two about the complex relationship between people, Hi-fi and music. From our entry-level 'ten' series to the 'twenty' and 'thirty' systems, we hope that you will be as delighted with the price as the sound.

Exposure is proud to be a British company based in the south of England. Our products are British from design to finish.

2010S2 series

2010S2 CD Player



Technical Specification

- Output Level : 2V RMS
- Frequency Response : 20Hz - 20KHz \pm 0.25dB
- Total Harmonic Distortion : <0.008%, 20Hz - 20KHz, 0dBFs
- Signal to Noise Ratio : >100dB, A weighted
- Digital Outputs : SP/DIF, Coaxial and "Toslink" Optical
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Power Consumption : <25VA
- Dimensions - H x W x D : 90mm x 440mm x 300mm
- Nett Weight (unpacked) : 5kg
- Gross Weight (packed) : 7kg

Features

1. Single PCM 1716 24 bit DAC fitted to provide very high resolution
2. CD display can be turned off for improved sound quality
3. Highly optimised audio output circuitry with multiple stages of supply regulation
4. Large toroidal power transformer with separate windings for CD transport mechanism and audio stages
5. Employment of a high-stability crystal clock reference and dedicated, power supply regulator for the transport and audio stages to ensure low jitter performance
6. High quality double-sided PCBs for optimum layout and screening
7. All-aluminium casework and extruded front panel to control resonance and stray electro-magnetic fields
8. Remote control
9. Three year guarantee
10. Available in black or titanium

2010S2D Integrated Amplifier



Technical Specification

- Power Output (Stereo) : 75 Watts per channel at 1KHz into 8 Ohms
- Input Sensitivity : 250mV
- Input Impedance : >14K Ohms, line input
- Pre-amplifier Output : gain + 18dB
- Frequency Response : 20Hz - 20KHz \pm 0.5dB
- Total Harmonic Distortion : <0.05% at 1KHz, rated power
- Signal to Noise : >100dB, A weighted, ref. rated output
- Channel Separation : 20Hz - 20KHz, >60dB
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Power Consumption : <200VA (both channels driven, 8 Ohms load)
- Dimensions - H x W x D : 90mm x 440mm x 310mm
- Nett Weight (unpacked) : 7kg
- Gross Weight (packed) : 9kg

Features

1. High capacity 200VA custom-made toroidal power transformer and power supply capacitors
2. All-aluminium casework and extruded front panel to control resonance and stray electro-magnetic fields
3. High quality capacitors used in the signal path
4. Uniquely tuned short signal and power supply path PCB
5. Cascode circuitry utilised for improved power supply immunity
6. Toshiba bipolar output transistors for dynamics & performance
7. Separate pre-amp output
8. Bi-wiring compatible
9. 75 Watts per channel into 8 Ohms
10. Remote control
11. Three year guarantee
12. Available in black or titanium

2010S2 series

2010S2 Power Amplifier



Technical Specification

- Power Output (Stereo) : 75 Watts per channel at 1KHz into 8 Ohms
- Input Sensitivity : 1V, gain + 24dB
- Input Impedance : >18K Ohms
- Frequency Response : 20Hz - 20KHz \pm 0.5dB
- Total Harmonic Distortion : <0.02% at 1KHz, rated power
- Signal to Noise : >110dB, A weighted, ref. rated output
- Channel Separation : >80dB, 20Hz - 20KHz
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Power Consumption : <250VA, both channels driven, 8 Ohms load
- Dimensions - H x W x D : 90mm x 440mm x 310mm
- Nett Weight (unpacked) : 7kg
- Gross Weight (packed) : 9kg

Features

1. High capacity 200VA custom-made toroidal power transformer and supply capacitors
2. All-aluminium casework and extruded front panel to control resonance and stray electro-magnetic fields
3. High quality capacitors used in the signal path
4. Very clean and extended low frequency performance
5. Bi-wiring compatible
6. 75 Watts per channel into 8 Ohms
7. Three year guarantee
8. Available in black or titanium

2010S2 DSD DAC



Technical Specification

- Frequency Response : 20Hz - 20KHz \pm 0.2dB
- Total Harmonic Distortion : <0.005% at 2V RMS 1KHz output
- Signal to Noise Ratio : >110dB ref 2V RMS output @ 1KHz
- Channel Separation : 20Hz - 20KHz, >60dB
- SPDIF Inputs : 32KHz to 192KHz up to 24 bits
- USB Input : 44.1KHz to 192KHz up to 24 bits DSD x64
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Power Consumption : 20VA
- Dimensions - H x W x D : 90 mm x 440 mm x 310 mm
- Nett Weight (unpacked) : 5kg
- Gross Weight (packed) : 7kg

Features

1. Multiple stages of regulation for SPDIF input receiver, USB input, clock oscillator, DAC and output stage for accurate output
2. Very clean master clock to SPDIF input receiver and USB input to ensure low jitter operation
3. Discrete filter and output stage for optimum performance (no Op-Amp ICs)
4. Digital output can be switched 'on' or 'off' (and is re-timed) to reduce the jitter level as compared to SPDIF input. This function can also be used to convert USB input to SPDIF output
5. DSD (x64 DoP) via the USB2 input
6. Remote control
7. Three year guarantee
8. Available in black or titanium

3010S2 series

3010S2D Integrated Amplifier



Technical Specification

- Power Output (Stereo) : 110 Watts per channel at 1KHz into 8 Ohms
- Input Impedance : 17K Ohms minimum (line input)
- Input Sensitivity : 250mV
- Pre-amplifier Output : 1V for rated input (gain + 18dB full volume)
- Frequency Response : 20Hz - 20KHz \pm 0.5dB
- Total Harmonic Distortion : <0.03% at rated output, ref. 1KHz
- Signal to Noise Ratio : >100dB, ref. rated output
- Channel Separation : >60dB, 20Hz - 20KHz
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Power Consumption : <400VA, 8 Ohms load, both channels driven
- Dimensions - H x W x D : 115mm x 440mm x 300mm
- Nett Weight (unpacked) : 12kg
- Gross Weight (packed) : 14kg

Features

1. 110 Watts RMS per channel into 8 Ohms
2. Six line inputs
3. Option to fit a MC or MM phono module OR plug in DAC option
4. Bi-wiring compatible
5. Separate pre-amp output
6. High quality capacitors used in the signal path
7. Uniquely tuned short signal and power supply path PCB
8. Cascode circuitry utilised for improved power supply immunity
9. Fast bipolar transistor output stage for dynamic and vivid performance
10. All aluminium casework and extruded front panel to control resonance and stray electro-magnetic fields
11. Remote Control
12. Three year guarantee
13. Available in black or titanium

3010S2D Pre Amplifier



Technical Specification

- Gain (at 1 KHz) : + 18dB
- Sensitivity : 250mV
- Maximum Output : > 10V RMS
- Frequency Response : -3dB at 1Hz and 56KHz, ref 1KHz, max volume
- Total Harmonic Distortion : < 0.01 % @ 1.6V RMS output, 1KHz
- Signal to Noise Ratio : >96dB, A weighted, ref 1.6V RMS output, 1KHz
- Channel Separation : >60dB 20Hz to 20KHz (Typically > 85dB @ 1KHz)
- Outputs : 2 pairs RCA, pre amp output, 1 pair for tape output
- Mains Supply : 110/120V or 220/240V, 50/60Hz (Factory set)
- Power Consumption : <25W
- Dimensions (H x W x D) : 90mm x 440mm x 300mm
- Nett Weight (unpacked) : 7Kg
- Gross Weight (packed) : 9Kg

Features

1. Large custom made toroidal power transformer and smoothing capacitors for power supply
2. Option to fit a MC or MM phono module OR plug in DAC option
3. 6 line inputs or 5 plus optional phono card, 2 main out (RCA) and one tape output
4. High quality relays used for input source selection
5. Full remote control of input selector, volume and mute
6. Audio output stages utilising discrete transistor class A output buffer
7. High quality all aluminium case work
8. Remote control
9. Three year guarantee
10. Available in black or titanium

3010S2 series

3010S2 Stereo Power Amplifier



Technical Specification

- Power Output (Stereo) : 110 Watts per channel at 1KHz into 8 Ohms
- Input Impedance : 18K Ohms
- Frequency Response : 20Hz - 20KHz \pm 0.5dB
- Total Harmonic Distortion : $<0.015\%$ at rated output, ref. 1KHz
- Signal to Noise Ratio : $>100\text{dB}$, ref. rated output
- Channel Separation : $>60\text{dB}$, 20Hz - 20KHz
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Power Consumption : $<400\text{VA}$, 8 Ohm load both channels driven
- Dimensions - H x W x D : 115mm x 440mm x 300mm
- Nett Weight (unpacked) : 12kg
- Gross Weight (packed) : 14kg

Features

1. 110 Watts RMS per channel into 8 Ohms
2. Ideal for driving difficult speaker loads in bi-amping mode with 3010S2D Integrated Amplifier
3. High capacity custom-made toroidal power transformer and power supply capacitors
4. High-quality capacitors used in the signal path
5. Clean and extended low frequency performance
6. Full-aluminium casework and extruded front panel to control resonance and stray electro-magnetic fields
7. Three year guarantee
8. Available in black or titanium

3010S2 Mono Power Amplifier



Technical Specification

- Power Output : 100 Watts per channel, 8 Ohms
- Input Impedance : 50K Ohms at 1KHz
- Frequency Response : -3dB at 60KHz, ref. 1KHz
- Total Harmonic Distortion : $<0.01\%$ at rated power, 1KHz
- Signal to Noise Ratio : $>110\text{dB}$, A weighted, ref. rated output
- Power Consumption : $<400\text{VA}$, 8 Ohm load
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Dimensions - H x W x D : 115mm x 440mm x 300mm
- Nett Weight (unpacked) : 12kg
- Gross Weight (packed) : 14kg

Features

1. Large custom made toroidal transformer and smoothing capacitors for power supply
2. All bipolar transistor design using carefully selected parts
3. DC coupled throughout
4. Electronic, non-invasive overload protection circuit and thermal trip
5. Bi-wire speaker outputs using high quality shrouded sockets
6. High quality all aluminium case work
7. Three year guarantee
8. Available in black or titanium

3010S2 series

3010S2 Phono Amplifier



Technical Specification

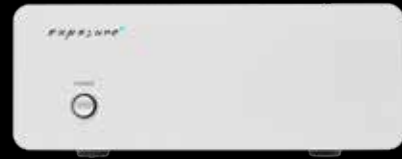
- Input Impedance : MC adjustable from 100 Ohms to 1,500 Ohms by jumper link. MM 47K Ohms
- Sensitivity : MC 250uV in for 250mV out at 1KHz (adjustable by jumper link). MM 2.5mV in for 250mV out at 1KHz
- Frequency Response : +/-0.25dB from 30Hz to 20KHz, ref. 1KHz, with low frequency roll off below 30Hz
- Total Harmonic Distortion : <0.01% at 1KHz
- Power Consumption : <25VA
- Mains Supply : 110/120V or 220/240V, 50/60Hz (factory set)
- Dimensions - H x W x D : 90mm x 440mm x 300mm
- Nett Weight (unpacked) : 6kg
- Gross Weight (packed) : 8kg

Features

1. Large custom made toroidal power transformer and smoothing capacitors for power supply
2. Option to fit a MC or MM phono module
3. All discrete transistor audio stages
4. Multiple stages of power supply regulation
5. High quality all aluminium case work
6. Three year guarantee
7. Available in black or titanium

XM series

XM3 Phono Amplifier



Technical Specification

Moving Magnet Input

- Sensitivity : 3.5mV input for 350mV output, 40dB gain setting
- Gain adjustable from 40dB - 46dB by DIL switches on rear panel

Moving Coil Input

- Sensitivity : 350uV input for 350mV output, 60dB gain setting
- Gain adjustable from 40dB - 60dB by DIL switches on rear panel

- Frequency Response : 30Hz - 20KHz within +/- 0.25dB ref 1KHz with low frequency roll off below 30Hz
- Total Harmonic @ 1KHz, ref 350mV out <0.025% MC Input : Maximum Output Voltage : 7.8V RMS 1KHz Output Impedance : 50 Ohms
- Mains Supply : 110/120V or 220/240V @ 50/60Hz (factory set)
- Power Consumption : <25W
- Dimensions (WxHxD) : 218mm x 89mm x 348mm
- Net Weight (unpacked) : 4kg
- Gross Weight (packed) : 5kg

Features

1. Large 200VA custom made toroidal transformer for power supply
2. Multiple power supply capacitors in parallel for low ESR
3. All discrete transistor audio stages
4. High quality resistors & capacitors used in the signal path
5. Separate MM & MC inputs selectable on the back panel
6. Adjustable loading & gain switches on the back panel
7. High quality all aluminium case work and extruded front panel
8. Three year guarantee
9. Available in black or titanium

XM5 Integrated Amplifier



Technical Specification

Analogue Amplifier Specifications

- Power Output (1KHz) : 60 Watts per channel into 8 Ohms
- Total Harmonic Distortion : <0.01% at 1KHz, rated power
- Frequency Response : 20Hz - 20KHz +/- 0.5dB
- Pre Amplifier Output : Gain +12dB
- Channel Separation @ 25KHz : >60dB @ 1KHz

Input Specifications

- AV input fixed level : 450mV @ 1KHz > 12K Ohms S/N > 100dB
- AUX/PH input MM : 2.5mV @ 1KHz, 47K Ohms S/N 70dB
- AUX 2 input Line : 350mV @ 1KHz > 14K Ohms S/N > 100dB
- SPDIF inputs BNC Coax & Optical : 32 - 192KHz @ 16-24 bits
- USB input : Linear PCM 44K1 - 192KHz @ 16-24 bits DSD x64 (DoP) Asynchronous transfer from host
- Mains Supply : 110/120V or 220/240V @ 50/60Hz (factory set)
- Power Consumption : 200W both channels driven, 8 Ohms load
- Dimensions (WxHxD) : 218mm x 89mm x 363mm (inc knob)
- Net Weight (unpacked) : 5kg
- Gross Weight (packed) : 6kg

Features

1. Large 200VA custom-made toroidal power transformer
2. High quality all aluminium casework and extruded front panel
3. High quality resistors & capacitors used in the signal path
4. Cascode circuitry utilised for improved power supply immunity
5. Toshiba bipolar output transistors for dynamics and performance
6. Moving magnet phono input, fixed level AV input and one line level input
7. Two coax (bnc) and two optical inputs and one class 2 USB input with DSD
8. Separate pre-amp output
9. Remote control
10. Three year guarantee
11. Available in black or titanium

XM series

XM7 Pre Amplifier



Technical Specification

Inputs

- AV input fixed level : Sensitivity, 450mV @ 1KHz
- AUX/PH input MM : Sensitivity, 2.5mV @ 1KHz
- AUX 2 input line : Sensitivity, 350mV @ 1KHz
- Total Harmonic Distortion : <0.005% at 1KHz : @ 1.3V RMS output
- Frequency Response : 20Hz - 20KHz +/- 0.5dB
- Signal to Noise Ratio ref 1.3V RMS Output : 1KHz >92dB
- SPDIF inputs BNC Coax & Optical : 32 - 192KHz @ 16-24 bits
- USB input : Linear PCM 44K1 - 192KHz @ 16-24 bits DSD x64 (DoP) Asynchronous transfer from host

Headphone Output

- Maximum Level into 33 Ohms : @ 1KHz & 0.1% THD : 5V RMS
- Total Harmonic Distortion : @ 2V output, 1KHz : <0.03%
- Maximum Level into 330 Ohms : @ 1KHz & 0.1% THD : 8V RMS
- Total Harmonic Distortion : @ 2V output, 1KHz : <0.01%

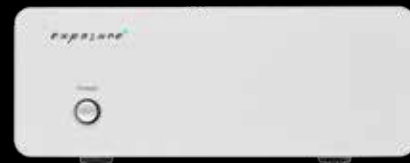
Technical Specifications

- Mains Supply : 110/120V or 220/240V @ 50/60Hz (factory set)
- Power Consumption : <25W
- Dimensions (WxHxD) : 218mm x 89mm x 363mm (inc knob)
- Net Weight (unpacked) : 5kg
- Gross Weight (packed) : 6kg

Features

1. Large 200VA custom-made toroidal power transformer
2. High quality all aluminium casework and extruded front panel
3. High quality resistors & capacitors used in the signal path
4. Audio output stages use discrete transistors
5. High quality relays used for input selection
6. 3.5mm & 1/4" headphone outputs selectable by a switch at the back
7. 2 pairs of pre-amp outputs for bi-amping or sub woofer
8. Remote control
9. Three year guarantee
10. Available in black or titanium

XM9 Mono Amplifier



Technical Specification

- Power Output (1KHz) : 80 Watts per channel into 8 Ohms
- Total Harmonic Distortion : @ 1KHz, rated power : <0.005%
- Frequency Response : 20Hz - 20KHz +/-0.5dB
- Input Sensitivity, Unbalanced ref 1KHz & rated output : 1.6V RMS
- Gain : Unbalanced input x16, 24dB @ 1KHz
- Input Impedance, Unbalanced : >77K Ohms
- Signal to Noise, Unbalanced, ref 1KHz & rated output : >95dB
- Mains Supply : 110/120V or 220/240V @ 50/60Hz (factory set)
- Power Consumption : 200W
- Dimensions (WxHxD) : 218mm x 89mm x 363mm (inc knob)
- Nett Weight (unpacked) : 5Kg
- Gross Weight (packed) : 6Kg

Features

1. Large 200VA custom-made toroidal power transformer
2. High quality all aluminium casework and extruded front panel
3. High quality resistors & capacitors used in the signal path
4. Cascode circuitry utilised for improved power supply immunity
5. Toshiba bipolar output transistors for dynamics and performance
6. 80 Watts per channel into 8 Ohms
7. Unbalanced & balanced input selectable by internal link
8. DC coupled throughout
9. Electronic, non invasive current overload protection
10. Bi-wire speaker outputs using high quality shrouded sockets
11. Three year guarantee
12. Available in black or titanium

XM series

XM HP Headphone Amplifier



Technical Specification

Analogue Inputs

- Pre Amplifier Output (input sensitivity / impedance / S/N):
- AUX/PH input MM : 2.5mV @ 1KHz, 47K ohms S/N > 73dB
 - Frequency Response : +/-0.5dB 50Hz-20KHz. High pass roll off -1.5dB @ 20Hz
 - AUX 2 & AUX 3 input line : 350mV @ 1KHz > 14K ohms output gain x3.75, +11.5dB
 - Total Harmonic Distortion : <0.005% at 1KHz : @ 1.3V RMS output
 - Frequency Response : 20Hz - 20KHz +/- 0.5dB
 - Signal to Noise Ratio ref 1.3V RMS Output : 1KHz >92dB
 - Channel Separation @ 20KHz : >60dB

Digital Inputs

- SPDIF inputs BNC Coax & Optical : 32 - 192KHz @ 16-24 bits
- Total Harmonic Distortion : <0.005% at 1KHz @ 1.3V RMS output
- Signal to Noise Ratio ref 1.3V RMS Output : 1KHz : >98dB
- USB input : Linear PCM 44K1 - 192KHz @ 16-24 bits DSD x64 (DoP) Asynchronous transfer from host

Headphone Outputs

- Output Impedance : < 5 Ohms
 - Maximum Level into 33 Ohms load : @ 1KHz & 0.01% THD : 7V RMS (1.5W)
 - Total Harmonic Distortion : @ 2V output, 1KHz : <0.003% (120mW)
 - Maximum Level into 330 Ohms : @ 1KHz & 0.01% THD : 7.5V RMS (170mW)
 - Total Harmonic Distortion : @ 2V output, 1KHz : <0.003% (12mW)
 - Load Impedance total all outputs : 16 Ohms minimum
-
- Mains Supply : 110/120V or 220/240V @ 50/60Hz (factory set)
 - Power Consumption : <15W
 - Dimensions (WxHxD) : 218mm x 89mm x 363mm (inc knob)
 - Net Weight (unpacked) : 4kg
 - Gross Weight (packed) : 5kg

Features

1. Custom-made toroidal power transformer
2. High quality all aluminium casework and extruded front panel
3. High quality resistors & capacitors used in the signal path
4. All discrete audio output stage with high drive capability for low impedance headphones
5. 2 pairs of 6.35mm jacks and 2 pairs of XLR sockets allowing 2 pairs of headphones to be used at one time
6. Moving magnet phono and two line level inputs
7. Two coax (bnc) and two optical inputs and one class 2 USB input with DSD
8. Separate pre-amp output
9. Remote control
10. Three year guarantee
11. Available in black or titanium



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with music in mind



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