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EXPERIENCE THE EXCEPTION

If you relish an emotional listening experience, the M.C.X system is engineered for you. The emphasis is on the realism and musicality, as defined by exceptional fluidity, finesse and control. This is Exposure's highest definition yet of a 21st Century high-end, hi-fidelity system.

Key system features (all components)	Benefits
• Double-sided printed circuit boards (PCBs)	Good shielding, low impedance signal lines and grounds
• Mains power transformers with inter-winding shields	Reduction of pick-up from noisy mains supply
• High-mass aluminium casework	Low levels of induced hum affecting critical circuits, good screening from external fields and low resonance
• Quality screw terminal smoothing capacitors for main audio power supply	Low impedance supply line over a wide frequency range
• RJ45-based "exlinks"	Easy control of power up / down and other functions by daisy-chaining units

Prototype images only. Exposure Electronics Ltd reserves the right to re-design / re-engineer the casing/facades of manufactural units.

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M.C.X.
Series

EXPERIENCE THE EXCEPTION

**M · C · X CD PLAYER:
EXCEPTIONAL FLUIDITY**

- 4 separate DAC boards with PCM1704 multi-bit DACs, discrete transistor I-V and analogue filter. Each board has a separate regulated supply for DAC and audio circuits
- Multiple stages of voltage regulation for critical circuits
- Very low jitter master clock distribution with multiple voltage regulators and smoothing (CD mode)
- Re-clocking of critical digital signals to the DAC (CD mode)
- Large toroidal power transformer with separate windings for mechanism, CD display, DAC and audio outputs



**M · C · X PRE-AMPLIFIER:
EXCEPTIONAL FINESSE**

- Mono printed circuit board (PCB) construction to ensure low cross-talk between channels
- Available with either MM or MC phono cards fitted
- All discrete transistor audio circuits
- Input switching and volume attenuation by high quality reed relays
- X1 gain setting for easy integration into an audio-visual (AV) system when the input is in AV mode
- 12V input and output trigger system allows control of, or from, an AV system



**M · C · X POWER AMPLIFIER:
EXCEPTIONAL CONTROL**

- Monoblock design ensures low interaction between channels
- Very large toroidal power transformer (1400VA) with separate windings for the main supply to the power output stage and the critical, low level input circuit
- Separate supplies to the input stage and output stage. Input stage is regulated for high PSRR
- Switchable between balanced and unbalanced input modes
- Built-in protection against over-current, DC off-set and high temperature
- 12V input and output trigger system allows control of, or from, an audio-visual (AV) system



M · C · X CD PLAYER:

Analogue outputs	4V RMS (XLR balanced) 2V RMS (RCA unbalanced)
Frequency response	20Hz – 20kHz, -0.3dB
Distortion	Less than 0.005%, CD source
Signal to Noise Ratio	> 110dB, CD source
Digital inputs	1 x AES, XLR, 110 Ohms 2 x BNC 75 Ohms 2 x Optical 'Toslink'
Digital outputs	1 x BNC, 0.5V, 75 Ohms, terminated 1 x RCA, 0.5V, 75 Ohms, terminated 1 x Optical
Radio	FM band 87.5 – 108MHz DAB band III DAB L band
Communication	External remote control receiver input RJ45 input 'exlink' RJ45 output 'exlink'
Power supply input	Internally adjustable for 110V–120V or 220V– 240V, 50 -60Hz
Power consumption	35W with power on, 25W on stand-by
Size (W x D x H)	490 x 414 x 104mm
Weight	20kg

M · C · X PRE-AMPLIFIER:

Inputs	Phono MM or MC by plug-in board (XLR or RCA input sockets) 5 x line level inputs, 250mV 1 x CD input, XLR balanced connector
Outputs	2 x XLR, balanced pre-out 1 x RCA, pre-out 1 x RCA, tape output
Communication	External remote control receiver input 12V trigger input 12V trigger output RJ45 input 'exlink' RJ45 output 'exlink'
Power supply input	Internally adjustable for 110V–120V or 220V– 240V, 50 -60Hz
Power consumption	35W with power on, 25W on stand-by
Size (W x D x H)	490 x 414 x 104mm
Weight	20kg

M · C · X POWER AMPLIFIER:

Power	300W into 8 Ohms @ 1kHz 600W into 8 Ohms @ 1kHz
Gain	24dB, unbalanced mode
Inputs (switchable)	1 x RCA unbalanced 1 x XLR balanced
Outputs	2 pairs of loudspeaker sockets for bi-wiring
Communication	12V trigger input 12V trigger output RJ45 input 'exlink' RJ45 output 'exlink'
Power supply input	Internally adjustable for 110V–120V or 220V– 240V, 50 -60Hz
Power consumption	500W @ full power into 8 Ohm load, <1W on stand-by
Size (W x D x H)	490 x 414 x 238mm
Weight	35kg

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SPECIFICATIONS