ELECTRONICS
COMPLETING THE CIRCUIT

Unite Your Audience
The Martin Audio Experience
MARTIN AUDIO ELECTRONICS
COMPLETING THE CIRCUIT
Top quality loudspeakers require top quality amplification and control. Martin Audio offers just that with our Power Amplifiers and System Controllers.

With Martin Audio’s enviable reputation for producing loudspeakers with excellent performance and high durability it is no surprise that our name appears on an equally prestigious range of high quality amplifiers and controllers, offering optimised performance for our loudspeakers.

With models suited to both touring and installed audio environments, our electronic audio components supply the uncompromising sonic performance and unquestionable reliability required by the most demanding of today’s sound reinforcement applications.
The iKON Series of 4 and 8-channel power amplifiers combine very high power density with superb audio performance, state-of-the-art DSP and network control. A dedicated controller amplifier for Martin Audio Wavefront Precision line arrays and XE Series stage monitors, the iKON series can also provide multi-channel amplification across the Martin Audio loudspeaker range.
The iK42 can deliver a full 5000 watts per channel into 2Ω with all channels driven while remaining highly efficient. Its high efficiency reduces the energy drawn from the mains supply and ensures the power reserves needed to deliver superb sound under arduous live conditions.

Ethernet is used for system remote control and monitoring via Martin Audio’s VU-NET software application, while a user friendly front panel interface allows full local control of all features. Dante digital audio network inputs are also provided for digital audio distribution and control.

Powerful DSP is fully integrated into the iK42 to provide a multitude of features that ensure maximum performance and worldwide compatibility of XE monitors. It also provides up to 1000 FIR filter taps @ 48kHz on each output channel, which is essential to implement DISPLAY’s wide bandwidth optimisation process in WP line array systems.

The iK42 employs comprehensive protection functions to maintain safe operating conditions of both the amplifier and the loudspeakers driven — including a sophisticated loudspeaker limiter suite which incorporates peak, RMS and excursion limiting, as well as multiband limiting for passive 2-way systems.
The iK81 can deliver a full 1250 watts per channel into 2, 4 or 8 ohms with all channels driven while remaining highly efficient. Its high efficiency reduces the energy drawn from the mains supply and ensures the power reserves needed to deliver superb sound under arduous live conditions.

Ethernet is used for system remote control and monitoring via Martin Audio’s VU-NET software application, while a user friendly front panel interface allows full local control of all features. Dante digital audio network inputs are also provided for digital audio distribution and control.

Powerful DSP is fully integrated into the iK81 to provide a multitude of features. It also provides up to 1000 FIR filter taps @ 48kHz on each output channel, which is essential to implement DISPLAY’s wide bandwidth optimisation process in the WPM line array.

The iK81 employs comprehensive protection functions to maintain safe operating conditions of both the amplifier and the loudspeakers driven — including a sophisticated loudspeaker limiter suite which incorporates peak, RMS and excursion limiting, as well as multiband limiting for passive 2-way systems.
VIA is a new range of four high performance, cost effective power amplifiers designed primarily for installation use, but also suited to portable applications.
VIA2502
Two-Channel Class D Amplifier

The VIA2502 is an advanced 2-channel power amplifier which combines high power density with superb audio performance in a lightweight, cost-effective package. Delivering 2 x 1250 watts into 2 ohms, or 1 x 2500 watts into 4 ohms bridged, it is ideal for powering Blackline X, CDD and V. Series systems in small to medium-scale installations and portable sound applications.

Its high efficiency design reduces the energy drawn from the mains supply and ensures the power reserves needed to deliver superb sound in demanding environments with reliability and ease.

Comprehensive protection functions continuously monitor its performance to maintain safe operating conditions and full output capability in ambient temperatures up to 40°C.

For a wide variety of installations and portable situations, the VIA2502 is ideally partnered with the Martin Audio DX0.5 system processor. Larger installations will benefit from use with the DX4.0 processor with its onboard network capability and proprietary VU-NET software control.

FEATURES
- Two channels of efficient Class D amplification
- 2500 Watts total power output
- 2U rack height
- Exceptionally lightweight
- Switch mode power supply
- Variable speed cooling fans with front-to-back airflow
- Global mains operation, 100-240V auto-sensing
- Comprehensive protection systems
- Signal and clip limiter LEDs

APPLICATIONS
- Small to medium-scale installations
- Portable sound and stage monitoring
- Hotels, restaurants and bars
- Houses of Worship and auditoriums
- Educational facilities
- Live music and dance clubs
- Mobile DJ’s
The VIA5002 is an advanced 2-channel power amplifier which combines high power density with superb audio performance in a lightweight, cost-effective package. Delivering 2 x 2500 watts into 4 ohms or 2 x 1500 watts into 8 ohms, it ideal for powering subwoofers in installations and portable sound systems.

Its high efficiency design reduces the energy drawn from the mains supply and ensures the power reserves needed to deliver superb sound in demanding environments with reliability and ease.

Comprehensive protection functions continuously monitor its performance to maintain safe operating conditions and full output capability in ambient temperatures up to 40°C.

For a wide variety of applications, the VIA5002 is ideally partnered with the Martin Audio DX0.5 system processor. Larger installations will benefit from use with the DX4.0 with its onboard network capability and proprietary VU-NET software control.
The VIA2004 is an advanced 4-channel power amplifier which delivers superb audio performance in a lightweight, cost-effective package. Delivering 4 x 500 watts into 4 ohms, it is ideal for powering O-Line, ADORN and CDD Series installations in bars, auditoriums and HoW, as well as small-medium scale portable sound reinforcement and club use.

Its high efficiency design reduces the energy drawn from the mains supply and ensures the power reserves needed to deliver superb sound in demanding environments with reliability and ease.

Comprehensive protection functions continuously monitor its performance to maintain safe operating conditions and full output capability in ambient temperatures up to 40°C.

For a wide variety of installations and portable applications, the VIA2004 is ideally partnered with the Martin Audio DX0.5 system processor. Larger installations will benefit from use with the DX4.0 processor with its onboard network capability and proprietary VU-NET software control. The DX4.0 and VIA2004 combination is perfect for delivering cost-effective scalable resolution under VU-NET control to an installed O-Line array.
The VIA5004 is an advanced 4-channel power amplifier which combines high power density with superb audio performance in a lightweight, cost-effective package. Delivering 4 x 1250 watts into 2 ohms, or 2 x 2500 watts into 4 ohms bridged, it is ideal for powering Blackline X, CDD and V. Series systems in small to medium-scale installations and portable sound applications. It can also be configured for 3-channel operation, for perfect compatibility with TH Series 3-way systems.

Its high efficiency design reduces the energy drawn from the mains supply and ensures the power reserves needed to deliver superb sound in demanding environments with reliability and ease.

Comprehensive protection functions continuously monitor its performance to maintain safe operating conditions and full output capability in ambient temperatures up to 40°C.

For a wide variety of installations and portable situations, the VIA5004 is ideally partnered with the Martin Audio DX0.5 system processor. Larger installations will benefit from use with the DX4.0 with its onboard network capability and proprietary VU-NET software control.
CONTROLLERS
DX0.5
Loudspeaker Management System

Offered to partner our ADORN, CDD or BlacklineX series, the DX0.5 adds affordable loudspeaker system management to our range of DX loudspeaker controllers. Delivering EQ, crossover, processing and system protection, this 2x6 speaker processor provides complete optimisation for both passive and powered loudspeaker systems.

Each input and output is loaded with a huge range of digital processing including flexible EQ, crossover, delay and limiting solutions. It delivers everything you need to professionally optimise loudspeaker systems of nearly any size.

The DX0.5 utilizes high-end 24-bit AKM® AD/DA converters with 120dB dynamic range for class-leading sound quality. With 24 memory locations users can recall pre-set files via the front panel, or using the free software application and front panel USB users can define and store their own settings. With simple I/O routing and configuration, the DX0.5 is an ultra-flexible processor, ideal for a wide range of portable and installed applications.

FEATURES

- Professional 2-input, 6-output system processor for passive and powered PAs
- Sophisticated, intuitive EQ, crossover, delay and dynamics processing optimises and protects your system
- High-end 24-bit AKM AD/DA converters with 120dB dynamic range
- Two balanced XLR inputs with level control, mute, 600ms delay and 5-band parametric/shelving EQ
- Six balanced XLR outputs with level control, mute, polarity invert, dedicated high and low pass filters, 7-band parametric/shelving EQ, 600ms delay, and limiting
- Convenient front-panel controls for parameter editing and input/output muting
- USB port for simple programming via PC
- Linkable inputs and outputs for easy stereo configuration
- 7-segment LED metering for input/output level or limiter activity
- 5 operating modes: 2 x stereo + sub, 3 x stereo, 2 x 2-way + sub, 2 x 3-way and 1 x 6-way
- 24 presets for storing your Martin Audio or other system parameters
- Switch mode power supply: 100V – 240V

APPLICATIONS

- Live sound loudspeaker management
- Active monitor systems
- Fixed installations
The Martin Audio DX4.0 is an advanced loudspeaker controller and system matrix with four input and eight output channels.

Class-leading sonic performance is achieved by state-of-the-art audio converters and DSP algorithms, with a 96kHz sampling frequency delivering a nominally flat response beyond 40kHz.

Connected via Ethernet, system remote control and monitoring is done via Martin Audio’s VU-NET proprietary software application, while a front panel interface gives local control of features.

Four analogue/AES3 inputs and eight analogue/AES outputs are available, with AES3 inputs and outputs selected in pairs. Dante™ digital audio networking is also provided for digital audio distribution and control, with automatic fall back to analogue or AES3. By converting analogue or AES audio to Dante, the DX4.0 provides ‘on-ramp’ entry to digital audio networking.

The DX4.0 features a sophisticated loudspeaker limiter suite which incorporates peak, RMS and excursion limiting, as well as multiband limiting for passive two-way systems. High-pass filtering, three shelving filters and six parametric filters are provided for each input channel, with crossover filters, two shelving filters and eight parametric filters on each output channel.

The DX4.0 supports FIR filters for use with optimisation of Martin Audio’s O-Line and can also be used with Martin Audio’s U-Hub to feed digital audio and network to an MLA Series array/subwoofer array via a single cable.

**APPLICATIONS**

- Loudspeaker system digital controller
- Front-of-house matrix to feed Dante digital audio to iKON amplifiers powering Martin Audio loudspeaker systems
- Use with Martin Audio O-Line for FIR Optimisation
- Use with Martin Audio U-Hub to feed digital audio and network to an MLA Series array/subwoofer array via a single cable
U-Hub is an Ethernet to U-NET™ bridge equipped with analogue and AES3 digital audio transport. It facilitates PC connection and VU-NET™ software control of MLA Series arrays and subwoofers via their inbuilt proprietary U-NET network.

Converting TCP/IP to U-NET protocol, U-Hub allows MLA Series enclosures to self-address and identify their position within an array, as well as supporting a simple-to-use redundant loop. With U-Hub, an MLA Series system with onboard U-NET can be seamlessly integrated into a TCP/IP network and controlled via VU-NET software.

When used in conjunction with the Martin Audio DX4.0 networked system controller, U-Hub can connect audio and network to an MLA Series system with a single cable via a Dante™ digital audio network.

**FEATURES**
- Ethernet to U-NET™ bridge
- IP addressable (static and dynamic)
- Analogue and digital audio transport
- Designed to work with DX4.0 loudspeaker processor for Dante™ digital audio distribution

**APPLICATIONS**
- Network platform/_converter for MLA Series systems
### TECKNICAL SPECIFICATIONS – AMPLIFIERS

#### iK42

**General**
- **Type**: Four-channel Class D amplifier

**Audio Performance**
- **Dynamic Range**: >113dBA, analogue input
- **Frequency Response**: 7Hz–30kHz (~2.5dB points, 4 ohm load)
- **Total Harmonic Distortion**: <0.05% typical @ 1kHz, 4 ohm load
- **Slew Rate**: >60V per microsecond
- **Damping Factor**: >800 at amplifier output, ref 8 ohms

**Control and Monitoring Network**
- **Protocol**: Ethernet
- **Application**: Martin Audio VU-NET™

**Digital Signal Processing**
- **Sample Rate**: 96kHz (48kHz for FIR filter implementation)

**Physical Inputs**
- 4 x analogue, 2 x AES, 4 x Dante™ inputs routable to four DSP drive modules

**Drive Module Input DSP**
- EQ: 2 x low shelf, 6 x PEQ/bandpass and FIR shelving filters
- Source: delay, gain, Phase, Mute, crossover filters, limits

**Drive Module Output DSP**
- EQ: low shelf, 8 x PEQ & band pass and shelving filters

**Power Supply**
- **Type**: High performance Series Resonant
- **AC Input Operating Range**: 85 – 240V – AC, 47 - 63Hz
- **Main Input Current**: 6A at 115V, 12A at 230V (max for <10ms)
- **Main Connector**: Neutrik 32A Powercon™

**Physical Dimensions**
- 12.5kg (27.5lbs)
- (W) 482 x (H) 88mm x (D) 17.4in

**Weight**
- 22k x 200Hz, 2 x 250W bridged per channel

**Maximum Amplitude Temperature**: 40°C (105°F)

#### iK81

**General**
- **Type**: Eight-channel Class D amplifier

**Audio Performance**
- **Dynamic Range**: >113dBA, analogue input
- **Frequency Response**: 7Hz–30kHz (~2.5dB points, 4 ohm load)
- **Total Harmonic Distortion**: <0.05% typical @ 1kHz, -3dB output
- **Slew Rate**: >60V per microsecond
- **Damping Factor**: >800 at amplifier output, ref 8 ohms

**Control and Monitoring Network**
- **Protocol**: Ethernet
- **Application**: Martin Audio VU-NET™

**Digital Signal Processing**
- **Sample Rate**: 96kHz (48kHz for FIR filter implementation)

**Physical Inputs**
- 4 x analogue, 2 x AES, 4 x Dante™ inputs routable to four DSP drive modules

**Drive Module Input DSP**
- EQ: 2 x low shelf, 6 x PEQ/bandpass and FIR shelving filters
- Source: delay, gain, Phase, Mute, crossover filters, limits

**Drive Module Output DSP**
- EQ: low shelf, 8 x PEQ & band pass and shelving filters

**Power Supply**
- **Type**: High performance Series Resonant
- **AC Input Operating Range**: 85 – 240V – AC, 47 - 63Hz
- **Main Input Current**: 6A at 115V, 12A at 230V (max for <10ms)
- **Main Connector**: Neutrik 32A Powercon™

**Physical Dimensions**
- 12.5kg (27.5lbs)
- (W) 483 x (H) 89mm x (D) 357mm

**Weight**
- 22k x 200Hz, 2 x 1250W into 2 ohms

#### VIA2502

**General**
- **Type**: Two-channel Class D amplifier

**Audio Performance**
- **Dynamic Range**: >90% typical
- **Frequency Response**: >20kHz, 2 x 250W bridged per channel
- **Total Harmonic Distortion**: <0.05% typical @ 1kHz, 3dB output
- **Slew Rate**: >80V per microsecond

**Control and Monitoring Network**
- **Protocol**: Ethernet
- **Application**: Martin Audio VU-NET™

**Digital Signal Processing**
- **Sample Rate**: 96kHz (48kHz for FIR filter implementation)

**Physical Inputs**
- 2 x Neutrik Speakon™ NL4

**Power Supply**
- **Type**: High current, high frequency
- **AC Input Operating Range**: 100-240V +/-10%
- **Total System Efficiency**: >90% typical
- **Main Connector**: 1 x Neutrik Powercon™

**Physical Dimensions**
- (W) 482 x (H) 228mm x (D) 14.1in

**Weight**
- 8k (17.6lbs)

* RMS output power per channel, all channels driven with continuous program material and a nominal ambient temperature of 40°C /105°F
**VIA5002**

<table>
<thead>
<tr>
<th>General</th>
<th>Type</th>
<th>Two-channel Class D amplifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER OUTPUT*</td>
<td>2 x 2500W into 4 ohms</td>
<td>2 x 1600W into 8 ohms</td>
</tr>
<tr>
<td>COOLING</td>
<td>Vario-speed fans, front-to-back airflow</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM AMBIENT TEMPERATURE</td>
<td>40°C (105°F)</td>
<td></td>
</tr>
<tr>
<td>Audio Inputs/Outputs</td>
<td>ANALOGUE IN/LINK (4 CHANNELS)</td>
<td>2 x female, 2 x male Neutrik™ XLR</td>
</tr>
<tr>
<td>ANALOGUE INPUT IMPEDANCE</td>
<td>10kΩ balanced</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM ANALOGUE INPUT LEVEL</td>
<td>+20dBu</td>
<td></td>
</tr>
<tr>
<td>AMPLIFIER OUTPUTS</td>
<td>2 x Neutrik Speakon™ NL4</td>
<td></td>
</tr>
<tr>
<td>Audio Performance</td>
<td>FREQUENCY RESPONSE</td>
<td>&lt;10Hz - &gt;20kHz +/- 0.25dB</td>
</tr>
<tr>
<td>TOTAL HARMONIC DISTORTION</td>
<td>&lt;0.05% typical @ 1kHz, -3dB output</td>
<td></td>
</tr>
<tr>
<td>SLEW RATE</td>
<td>&gt;80V per microsecond</td>
<td></td>
</tr>
<tr>
<td>DAMPING FACTOR</td>
<td>120 ref 8 ohms</td>
<td></td>
</tr>
<tr>
<td>Power Supplies</td>
<td>TYPE</td>
<td>2 x high current, high frequency</td>
</tr>
<tr>
<td>AC INPUT OPERATING RANGE</td>
<td>100-240V +/-10%</td>
<td></td>
</tr>
<tr>
<td>TOTAL SYSTEM EFFICIENCY</td>
<td>&gt;90% typical</td>
<td></td>
</tr>
<tr>
<td>MAINS CONNECTOR</td>
<td>1 x Neutrik Powercon™</td>
<td></td>
</tr>
<tr>
<td>Physical</td>
<td>DIMENSIONS</td>
<td>(W) 482 x (H) 2U/88mm x (D) 441mm</td>
</tr>
<tr>
<td></td>
<td>(W) 19in x (H) 2U/3.5in x (D) 17.4in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>incl handles and optional rear support</td>
<td></td>
</tr>
<tr>
<td>WEIGHT</td>
<td>10kg (22lbs)</td>
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**VIA2004**

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<thead>
<tr>
<th>General</th>
<th>Type</th>
<th>Four-channel Class D amplifier</th>
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</thead>
<tbody>
<tr>
<td>POWER OUTPUT*</td>
<td>4 x 500W into 4 ohms</td>
<td>4 x 250W into 8 ohms</td>
</tr>
<tr>
<td>COOLING</td>
<td>Vario-speed fans, front-to-back airflow</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM AMBIENT TEMPERATURE</td>
<td>40°C (105°F)</td>
<td></td>
</tr>
<tr>
<td>Audio Inputs/Outputs</td>
<td>ANALOGUE IN/LINK (4 CHANNELS)</td>
<td>4 x female, 4 x male Neutrik™ XLR</td>
</tr>
<tr>
<td>ANALOGUE INPUT IMPEDANCE</td>
<td>5kΩ typical, balanced</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM ANALOGUE INPUT LEVEL</td>
<td>+20dBu</td>
<td></td>
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<tr>
<td>AMPLIFIER OUTPUTS</td>
<td>4 x Neutrik Speakon™ NL4</td>
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<tr>
<td>Audio Performance</td>
<td>FREQUENCY RESPONSE</td>
<td>20Hz - 20kHz +/- 0.45dB, 4 ohm load</td>
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<tr>
<td>TOTAL HARMONIC DISTORTION</td>
<td>0.003% typical, 1kHz @ 1W</td>
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<tr>
<td>Power Supplies</td>
<td>TYPE</td>
<td>2 x high current, high frequency</td>
</tr>
<tr>
<td>AC INPUT OPERATING RANGE</td>
<td>100-240V +/-10%</td>
<td></td>
</tr>
<tr>
<td>TOTAL HARMONIC DISTORTION</td>
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<td>SLEW RATE</td>
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<td>DAMPING FACTOR</td>
<td>120 ref 8 ohms</td>
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<tr>
<td>Power Supplies</td>
<td>TYPE</td>
<td>2 x high current, high frequency</td>
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<td>AC INPUT OPERATING RANGE</td>
<td>100-240V +/-10%</td>
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<tr>
<td>TOTAL SYSTEM EFFICIENCY</td>
<td>&gt;90% typical</td>
<td></td>
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<tr>
<td>MAINS CONNECTOR</td>
<td>1 x Neutrik Powercon™</td>
<td></td>
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<tr>
<td>Physical</td>
<td>DIMENSIONS</td>
<td>(W) 482 x (H) 2U/88mm x (D) 441mm</td>
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<td></td>
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<td></td>
<td>incl handles and optional rear support</td>
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</tr>
<tr>
<td>WEIGHT</td>
<td>8kg (17.6lbs)</td>
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**VIA5004**

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<tr>
<th>General</th>
<th>Type</th>
<th>Four-channel Class D amplifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER OUTPUT*</td>
<td>4 x 1250W into 2 ohms</td>
<td>4 x 800W into 4 ohms</td>
</tr>
<tr>
<td>COOLING</td>
<td>2 x 2500W bridged into 4 ohms</td>
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<tr>
<td>MAXIMUM AMBIENT TEMPERATURE</td>
<td>40°C (105°F)</td>
<td></td>
</tr>
<tr>
<td>Audio Inputs/Outputs</td>
<td>ANALOGUE IN/LINK (4 CHANNELS)</td>
<td>4 x female, 4 x male Neutrik™ XLR</td>
</tr>
<tr>
<td>ANALOGUE INPUT IMPEDANCE</td>
<td>10kΩ balanced</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM ANALOGUE INPUT LEVEL</td>
<td>+20dBu</td>
<td></td>
</tr>
<tr>
<td>AMPLIFIER OUTPUTS</td>
<td>4 x Neutrik Speakon™ NL4</td>
<td></td>
</tr>
<tr>
<td>Audio Performance</td>
<td>FREQUENCY RESPONSE</td>
<td>20Hz - 20kHz +/- 0.45dB, 4 ohm load</td>
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<tr>
<td>TOTAL HARMONIC DISTORTION</td>
<td>0.003% typical, 1kHz @ 1W</td>
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<td>Power Supplies</td>
<td>TYPE</td>
<td>2 x high current, high frequency</td>
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<td>AC INPUT OPERATING RANGE</td>
<td>100-240V +/-10%</td>
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<td>TOTAL HARMONIC DISTORTION</td>
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<td>AC INPUT OPERATING RANGE</td>
<td>100-240V +/-10%</td>
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<tr>
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<td>&gt;90% typical</td>
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<td>MAINS CONNECTOR</td>
<td>1 x Neutrik Powercon™</td>
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<tr>
<td>WEIGHT</td>
<td>10kg (22lbs)</td>
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### TECHNICAL SPECIFICATIONS – CONTROLLERS

#### DX0.5
- **Inputs**: 2 electronically balanced analogue
- **CMRR**: >56dB
- **Outputs**: 6 electronically balanced analogue
- **Max Output**: +21dBu
- **Frequency Response**: 20Hz-20kHz ± 0.2dB
- **Dynamic Range**: 120dB
- **Distortion**: <.004% @ 20kHz-20kHz
- **Gain**: +6dB to >126dB in 0.1dB steps plus mute
- **Parametric Equalisation**: 5 per input / 7 per output
- **Filter Gain**: ±15dB in 0.05dB steps
- **Frequency Range**: 20Hz - 20kHz/3 octaves
- **Response**: 0dB, 12dB, 18dB, 24dB / Octave
- **Linkwitz-Riley**: 12dB, 24dB / Octave
- **Limits**: +20dBu to >126dBu
- **Attack Time**: 5ms to 200ms
- **Release Time**: 0.1 – 3.0s ±0.1s increments
- **Display**: 2 x 24 character blue LCD
- **Input Meter**: 2 x 7 point, -20dB to +15dB
- **Output Meter**: 6 x 7 point, -15dB to +15dB into limit
- **Connectors**: 3 pin female XLR
- **Inputs**: 3 pin male XLR
- **External**: USB Type-B (USB 1.1)
- **Power**: 3 pin IEC
- **Power Consumption**: 30W
- **Dimensions**: (W) 482mm x (H) 44mm x (D) 229mm
- **Weight**: 2.6kg (5.8lbs)

#### DX4.0
- **Inputs**: 4input/8 output digital loudspeaker processor
- **Type**: Ethernet and U-NET™ bridge
- **Supported Protocols**: Ethernet and U-NET™
- **Control Application**: Martin Audio VU-NET™
- **AC Operating Range**: 100-240VAC Nominal, 50-60Hz
- **Rear Panel**:
  - **Audio Inputs 1, 2 and 3**: 3 x 3 pin female XLR type
  - **Ethernet**: 1 x Neutrik® Ethercon
  - **Mains Power**: 3 pin IEC with cable locking mechanism
  - **Fuse**: User-replaceable 1A T-type 20mm
- **Front Panel**:
  - **Audio Out and U-Net**: 6 x ODU 8-pin connector ports
  - **Unet Status**: Bi-colour Green/Red LED on port 1 and 6
  - **IP Configuration**: Yellow LED: On = Static IP, Off = Dynamic
  - **Ethernet Connection**: Green LED = Online
  - **Mains Power**: Red LED = Mains power present
- **Physical**:
  - **Dimensions**: (W) 482mm x (H) 1U/44mm x (D) 268mm
  - **Weight**: 3.5kg (7.7lbs)

#### U-Hub
- **General**: Ethernet to U-NET™ bridge
- **Type**: Ethernet and U-NET™
- **Control Application**: Martin Audio VU-NET™
- **AC Operating Range**: 100-240V
- **Rear Panel**:
  - **Audio Inputs 1, 2 and 3**: 3 x 3 pin female XLR type
  - **Ethernet**: 1 x Neutrik® Ethercon
  - **Mains Power**: 3 pin IEC with cable locking mechanism
  - **Fuse**: User-replaceable 1A T-type 20mm
- **Front Panel**:
  - **Audio Out and U-Net**: 6 x ODU 8-pin connector ports
  - **Unet Status**: Bi-colour Green/Red LED on port 1 and 6
  - **IP Configuration**: Yellow LED: On = Static IP, Off = Dynamic
  - **Ethernet Connection**: Green LED = Online
  - **Mains Power**: Red LED = Mains power present
- **Physical**:
  - **Dimensions**: (W) 482mm x (H) 1U/44mm x (D) 268mm
  - **Weight**: 3.5kg (7.7lbs)
ELECTRONICS

COMPLETING THE CIRCUIT