



## Wireless control at your fingertips, with your fingertips

Free your system tuning from the laptop and the cables! DeltaDirect works in conjunction with AudioCore to give you real time tuning and monitoring of all DSP functions via our bespoke iPad app.

Adjust filtering, tweak delays and gains, solo individual or groups of channels, and monitor the overall system performance with our beautifully simple intuitive interface that connects to your Delta DSP amplifiers via any standard WiFi router.

Set up grouping of inputs and outputs across the entire system using AudioCore, load your speaker presets (compatible with all XTA 4 Series presets, including FIR presets), and then cut loose to fine tune from the best position.

Intelligent copy and paste functionality plus advanced grouping architecture means you can connect independently to any network of amplifiers and retrieve the grouping structure, as well as honouring any system security in place.

This makes DeltaDirect the ideal tuning tool for both dry hire and installation applications, as well as great during system set-up.



## Simple, centralised control

Designed to integrate all the Ti Series components together and to provide a centralised point for all monitoring and configuration, iCore is the powerful software package that opens up the true flexibility of a Ti system.

Amplifiers' operating health can be monitored, including operating temperature, output current and voltage. Load deviation alarms can be set up, and this information is stored in each amplifier so any errors can still be reported when the software is off-line.

Control over output level, mutes, mode and the set-up of the amplifier's general purpose ports is available. Device parameters such as power cycles and operating "up" time can also be viewed. All amplifiers and channels can be named and all of this is stored in each device.



Breakout boxes are automatically programmed with details of all connected amplifiers on the system, meaning any one can be switched into a master mode to watch over the system when the computer is off-line.

Ti1048 processors are programmed through iCore, including the setting up of all filtering, matrix mix levels, limiter settings and delays. The clock and calendar in each Ti1048 is automatically synchronised with the computer and up to 10 automatic timed preset recalls can be configured per device.

# MC<sup>2</sup> AUDIO

[www.mc2-audio.co.uk](http://www.mc2-audio.co.uk)

## Amplifiers | Networked audio | Signal processing

# MC<sup>2</sup> AUDIO



**Δ Series**  
Processing and network audio



**E Series**  
Lightweight high power touring



**Ti Series**  
Network audio components



**T Series**  
Stand-alone installation friendly



**S Series**  
No compromise ultra high fidelity

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**DELTA 100 DSP** 4 x 3000W\*  
**DELTA 80 DSP** 4 x 2000\*

**DELTA 120** 2 x 4500W\*  
**DELTA 100** 4 x 3000W\*  
**DELTA 80** 4 x 2000W\*  
**DELTA 40** 4 x 1000W\*



**E100** 4 x 2500W\*  
**E60** 4 x 1500W\*  
**E475** 4 x 850W\*  
**E90** 2 x 4800W\*  
**E45** 2 x 2500W\*  
**E25** 2 x 1350W\*  
**E15** 2 x 850W\*

**Ti1048** Installation audio management  
**Ti4250** 4 x 260W\*  
**Ti3500** 2 x 1600W\*  
**Ti2000** 2 x 1025W\*  
**Ti1500** 2 x 875W\*  
**Ti1000** 2 x 550W\*  
**Ti500** 2 x 300W\*

**T-4250** 4 x 260W\*  
**T-3500** 2 x 1600W\*  
**T-2000** 2 x 1025W\*  
**T-1500** 2 x 875W\*  
**T-1000** 2 x 550W\*  
**T-500** 2 x 300W\*

**S800** 2 x 800W\*  
**S1400** 2 x 1250W\*

## Δ Series

Combining new technology power amplification with the highest definition XTA DSP, the Delta Series offers performance and convenience at a whole new level. Powerful processing features such as Dante Networking\*, Dynamic EQ and FIR filtering work alongside unique enhancements including 4 local and 4 aux processing channels (also supplied to the network), meaning a single Delta DSP amplifier can control a stereo 4-way system.

Non-DSP variants offer the same exceptionally transparent sound at different power levels, with the added convenience of a Dante network audio connection\* to simply supply audio with a single network cable.



Dante

Configure and tune using a fast powerful combination of AudioCore (XTA's mature efficient control software) and DeltaDirect, the bespoke iPad app. Every aspect of a network of amplifiers can be controlled monitored, wirelessly.

Connect via a cable using USB, Ethernet, or RS485, or just plug into a WiFi router to go cable free.



## E Series

Offering the highest power and yet lightest weights of all our ranges of amplifiers, the E Series has been designed to the same high standards of reliability and sound quality that our customers have come to expect of all MC² audio products.

All E Series amplifiers will deliver their rated power over the entire audio bandwidth, and a resonant switchmode power supply with a large reservoir gives extremely high peak power without any "bass sag".

Optical limiters, linked to the output current monitors and power supply, keep mains input and output currents within a safe operating area at all times, whilst maintaining transparent sonic performance.

\*Dante network audio is a factory option for Delta Series DSP and Non-DSP amplifiers only.

## Ti Series

Available in a variety of power outputs to cater for all live and installation needs, the Ti Series amplifiers represent the very best in sound quality, coupled with extensive remote control capabilities for monitoring and off-line set-up.

The Ti1048 is a 4 input 8 output signal processor that can provide not just speaker management, but also house equalisation and system protection functions, along with automated preset recalls and built-in simple remote control functionality.

Empowered By  
**iCORE**

iCore, has been developed to work alongside all Ti Series components (amplifiers and processors) and provides a centralised point for all control and monitoring. All amplifiers' performance can be monitored and operational parameters such as levels, mutes and power state are adjustable remotely. All processors (including support for XTA DP4 and 5 series and the DC1048) can be controlled with full real time adjustment of DSP settings, with intelligent copy and paste between devices.

## T Series

Designed for use in a variety of applications in the fixed installation market, where sonic quality and reliability are the highest priorities, the high performance T Series uses complimentary AB bipolar output stages, combined with the unique MC² current driven floating drive stage and conventional analogue level controls.

The sound quality is maintained over a very wide range of load and temperature conditions. Sophisticated "side-chain" limiters prevent distortion and speaker damage, but are out-of-circuit until the onset of clipping.

## S Series

Designed for use in the best studio monitoring environments, but equally at home in any application where transparency and "no compromise" performance are the focus, the S Series delivers the sound quality and reliability expected from MC².

The S Series utilises the best complimentary AB bipolar output stages, combined with the unique MC² current driven floating drive stage along with analogue level controls for minimal signal degradation.

In common with T Series, sophisticated "side-chain" limiters prevent distortion and speaker damage, but are out-of-circuit until the onset of clipping so do not compromise the signal path under normal working conditions.

A bespoke high fidelity shielded toroidal power supply, combined with intelligently controlled low noise fans, provide optimum conditions for the output stages ensuring the only thing you will ever hear is your sound.

**MC²**  
**AUDIO**

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\*Power output measured with 4R load, all channels driven, continuous music with crest factor of 4.8 (14dB).  
\*Power output measured with 4R load, all channels driven, continuous sine wave at 1kHz.  
For details of power measurement methods please refer to the Technical Support area of our website.