



Press Release, for immediate release
Wednesday, 27th April 2011

TRIWAVE

NEW SPEAKER PRODUCT BY FLARE AUDIO - TRIWAVE i10™



"One of the cleanest sound systems I have ever worked on" – Carl Cox

*"Can't wait to try this new system out in the summer"
Arron Smith (Sound engineer, Kelis, Calvin Harris)*



Flare Audio® are proud to announce the launch of their new professional speaker system Triwave® i10™

Triwave's® design has been focused on a true reference quality loudspeaker with exceptional sonic performance and flexibility.

The Triwave® i10™ interchangeable aluminum HF plate allows the system to be a truly multi format solution. The HF plates provide controlled dispersion to suit Line Source, Line Array and Point Source applications.

Incorporating interchangeable HF plates allows the i10™ to integrate coherently. Eliminating any compromise of audio processing and phase alignment software, this produces a pure and accurate audio reproduction that every sound engineer strives to create.

Whether using Triwave® i10™ as a DJ monitor or for a flown arena system, its flexibility and quality will provide a compact solution for the most demanding of applications and artist riders worldwide.

- True Multi Format & Scalable Solution
- Interchangeable Aluminum HF Plate With Different Dispersion Characteristics
- Ultra High Transient Response Both in Attack and Decay
- No Processing or Phase Alignment Required
- Compact and Lightweight (34 Kg)
- Pressed, No Screw, Birch Ply Construction For Increased Strength and Quality
- Highly Sensitive and Powerful Neodymium Drivers
- Water & Scuff Resistant Paint
- Fast, Simple & Light Weight Aluminum Flying System Option
- 3 Way with 2x Neutrik NL8 linked connectors



Carl Cox "One of the cleanest sound systems I have ever worked on"



Triwave i10 first used by Carl Cox on 22/4/11

TECHNOLOGY

At Flare Audio® we strive to provide audio perfection in our products. Triwave® i10™ has been devolved to produce a flat response with an ultra fast transient both in attack and decay. The importance of combining these two factors has resulted in what we believe to be a remarkable progression in professional audio products.

Flare Audio's® advance in its Mirror Horn loading technique (patent pending) has enabled the i10™ to produce a higher crossover point than normally used for its low mid drivers (850hz). This allows a greater transient and SPL within the High Mid frequencies that can be lost with other horn loaded designs. The 6.5" drivers can now efficiently produce the frequencies of vocal and High Mid presence without straining to create lower frequencies. The two drivers now work in harmony with focused and phase coherent sound waves.

For a speaker to be truly high quality requires a very fast and accurate transient both in attack and decay. Sensitive drivers bring a fast attack: whilst the decay transient is mostly attributed to enclosure and driver loading design. The speed of both attack and decay is what gives a loudspeaker its true quality. Triwave i10 has been designed to provide the highest possible attack and decay transient meaning that the enclosure has next to no resonance at the frequencies it produces and the drivers are extremely sensitive.

Precise driver spacing allows the enclosure to be used as a monitor/high pack as well as a true line source/line array enclosure. The speaker can be used both vertically and horizontally without sonic compromise.



Interchangeable HF Plates

Triwave® features an interchangeable HF waveguide plate. Hand milled from solid aluminium with extremely low resonance. It enables an impressive accuracy of high frequencies reproduction.

Plates are available in 3 versions of fixed dispersion to ensure the eradication of destructive interference between high frequency drivers.

Available Plates (see attached PDF for examples)

- Tri-P1 0 x 90 For use with Line source configurations only
- Tri-P2 10 x 90 For use with Line Array and Point Source configurations
- Tri-P3 22.5 x 22.5 For use with Point Source configurations only

To change an i10's™ HF plate takes less than 5 minutes. Rental companies can now purchase a one speaker solution for all their hire requirements.





Flying System

Triwave® i10™ comes with 24 x M10 fly points as standard for fixed installation.

Touring fly system (available to purchase summer/autumn 2011)

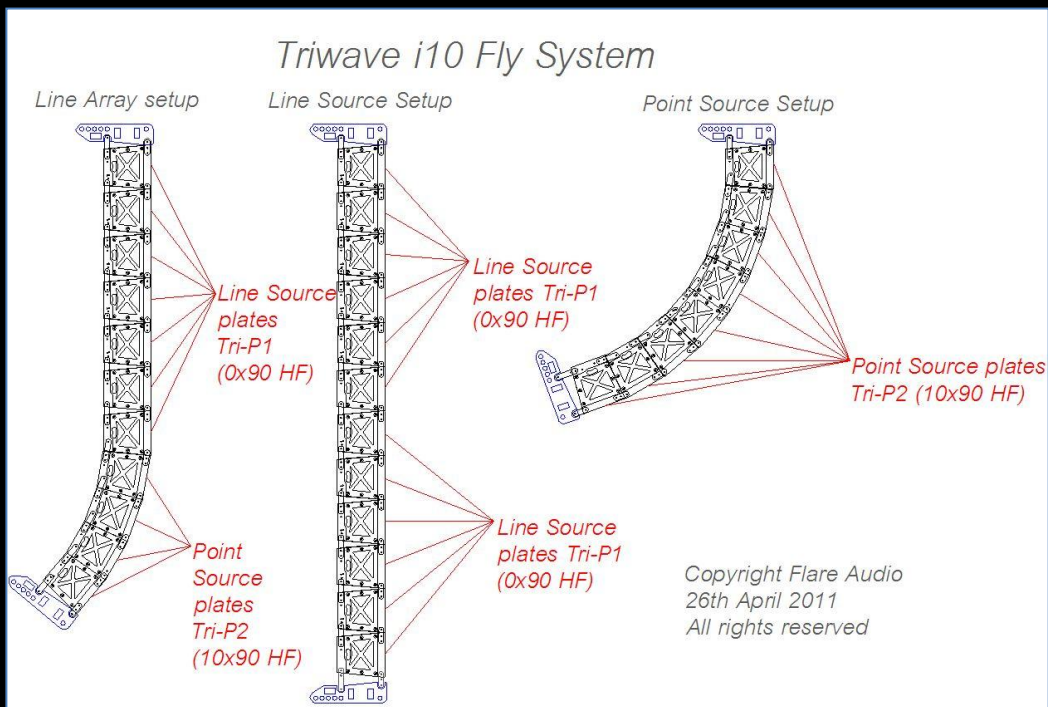
Made from solid aluminium with steel interlocking, quick release pins.

This user friendly and fast system to rig allows you to safely and easily fly a multitude of configurations.

Even the most basic of operators can design an effective flown system with very little room for error.

The fly system can also be utilised to create a ground stack system in conjunction with a Flare Audio CF182™. Up to 4 enclosures a side.

Ground stack system and locking boards also available from summer 2011





TRIWAVE i10 Line Source Setup

True line source coupling between low mid and high mid drivers. The spacing between drivers and enclosures is identical when flown.

The HF component remains focused very close to 0 vertical degrees and at a very high frequency. This removes destructive interference at very high frequencies that enable perfect HF coupling at a specific distance from the line.

The Low Mid and High Mid drivers couple perfectly at source to form a true line source setup.

Driver components

2x 10" Low mid (106db) neodymium driver, 700w RMS
@8 ohms

2x 6.5" High mid (106db) neodymium driver, 250w RMS
@16 ohms

2x 1" High frequency (116db) neodymium driver 100w RMS
@16 ohms



Triwave® i10™ is constructed from high quality birch plywood which is then press formed allowing a screw less enclosure for increased strength. The enclosure is designed, manufactured and assembled in the UK.

We have worked hard to exclude plastics and un-environmentally friendly materials within Triwave® i10™. The enclosure and its HF plate are constructed from widely sustainable sources and have been built to last. This construction technique along with its compact size, weight and extreme flexibility of Triwave i10 make it an environmentally friendly speaker.

