

TRx 3000 SERIES

TRx3210 / NF (No Flyware) Compact Line Array Element

Features

- ◆ Powerful and Compact Line Array design
- ◆ Hang Up to 16 Cabinets
- ◆ Stack up to 4 boxes with no hardware on TRx2218, TRx2121 or TRx2118 Sub.
- ◆ Passive full range or Bi-amp crossover
- ◆ Two Heavy-Duty 10-inch Woofers
- ◆ Two High Output 1-inch exit HF drivers
- ◆ Black Duratec™ weather resistant finish



Shown with SureFlyTRx™ hardware.



Inside handle pin storage during transport



Application

The **TRx3210** is a Compact Dual 10-inch 3-way Line Array element. The **TRx3210** serves as the key component in scalable, systems comprising of multiple enclosures with multiple ground stacked TRx2218, TRx2118 or TRx2121 subwoofers for medium to large venues. For larger Venues couple with TRx3218 subwoofers or for flying subwoofers use the TRx3118.

Applications include:

- ◆ Cinema
- ◆ Theme parks
- ◆ House of worship and concert halls
- ◆ Medium-to-large theaters and clubs

[Go online for 24 page detailed manual.](#)

Description

The **TRx3210** is a high efficiency, full range, 3-way line array element featuring two 10inch hi powered transducers. One of the two 10inch drivers employs a crossover shift to provide midrange to seamlessly couple between the low frequency and high frequency drivers providing very high coherence and intelligibility in the critical vocal region. The high frequency section for the **TRx3210** features two 1inch exit, Mylar diaphragm compression drivers mounted to a PurePath™ lens system. The PurePath™ lens is CNC machined from acoustically non-resonant Eastern Maple hardwood, which provides a smooth equal path length surface for pure natural high frequency projection. The lens also places the horn drivers in close time alignment with the 10inch drivers improving phase and transient response over the full frequency spectrum. The **TRx3210** includes the proprietary SureFlyTRx™ quick release pin rigging system designed for overhead suspension for up to 16 enclosures. The **TRx3210** is also designed to be ground stacked with up to 6 enclosures high on the ground or 4 high on a TRx2218, TRx2118, TRx2121, TRx3218, or TRx3118 sub woofer without rigging hardware. The bottom of the TRx3210 cabinet features two 1-3/8 pole mount cups for dual pole suspension of two cabinets on standard poles. The TRx2118, TRx2121, and the TRx3118 feature the dual pole system. The **TRx3210NF** model is the same cabinet without the SureFlyTRx™ Pin rigging hardware. This model has all the internal bracing fly points, so the SureFlyTRx™ can be purchase at a later point and placed on the cabinet.



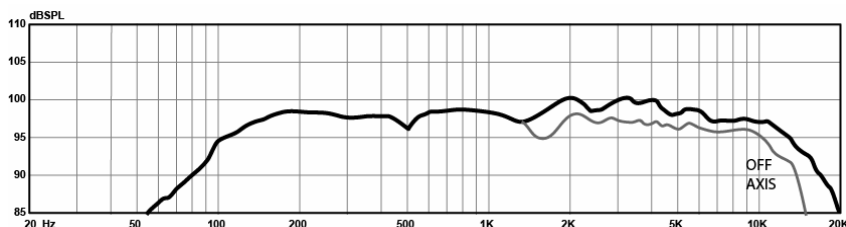
Inside the PurePath™ HF lens.

Specifications TRx3210

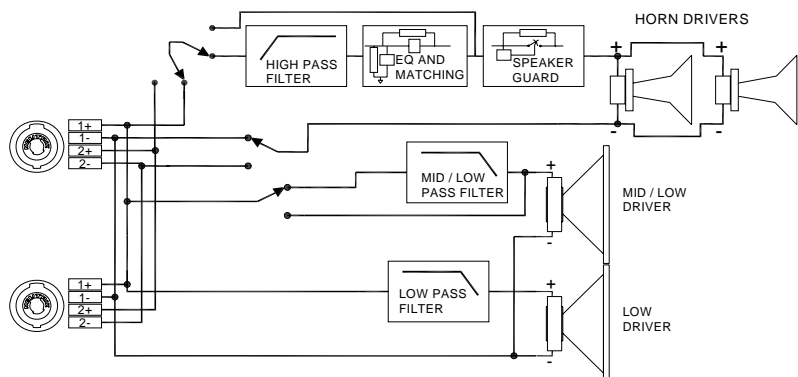
System Type:	Dual 10-inch 3-Way, Reflex
Frequency Response:	70 Hz – 18.5 kHz (-10DB) 85 Hz – 16 kHz (-3 dB)
Coverage Pattern:	100H x 10V Single cabinet
Crossover:	3-Way Quasi Speaker Guard™ HF protection
Crossover Frequency:	1.5 k Hz (500Hz LP one 10Inch)
Power:	Continuous / Program / Peak
Full Range	500w /1000w /2000w
Recommended Amplifier:	500 – 1000w
Sensitivity (1w @ 1m):	98dB
Maximum SPL:	125dB Cont/ 131dB Peak
LF Driver:	2x 10-inch 2-inch VC
HF Driver:	2x 1-inch exit 1.75-inch VC
Nominal Impedances	
full range:	8 ohms 500w /1000w /2000w
Bi-amp LF:	8 ohms 500w /1000w /2000w
Bi-amp HF:	8 ohms 120w /240w /480w
Enclosure:	13-Ply Russian Baltic Birch
Suspension/Mounting:	14 captive 3/8in-16 nut fly pts. SureFly™ rigging Two 1-3/8 pole mount cups. Black Duratec™
Finish:	2 Recessed Handles
Transport:	Black powder coated steel
Grill:	Acoustically Transparent Foam Backing
Connectors:	Two 4-pin twist lock connectors
Dimensions (H x W x D):	11.5 in x 23.5 in x 14 in 295 mm x 600 mm x 370 mm
TRx3210 Net Wt:	59 lb (27 kg) Hardware
TRx3210NF Net Wt:	52 lb (24 kg) No hardware
Rigging Accessories:	SureFlyTRx™ rigging kit 6.9 lb (3.1kg) SureFlyTBar™ T-bar kit 11 lb (5kg) TCSHK58 5/8" Shackle 1.3 lb (0.5kg)

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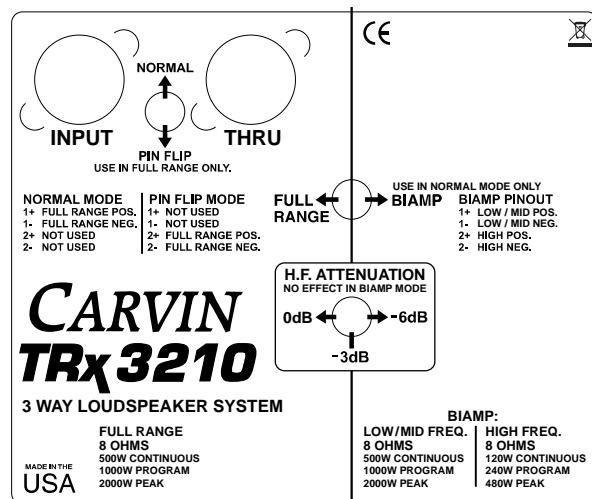
Frequency Response



Block Diagram in Full Range Mode



TRx3210 Rear Plate



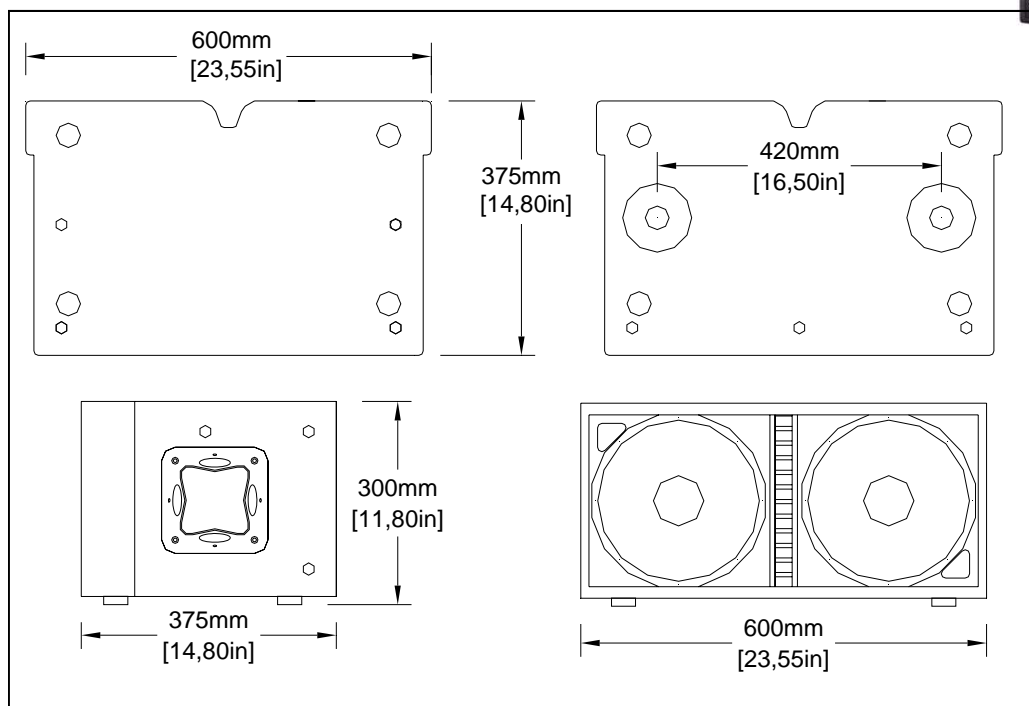
SureFlyTRx Hardware



Side of a TRx3210 and TRx3210NF (no hardware)



Dimensions



Ten TRx3210 hang with 4 straight and 6 set at 5 degrees