

TRx 3000 SERIES

TRx3903 Column Line Array Element

Features

- ◆ Ultra Compact Column Line Array
- ◆ CDD™ (Constant Delivery Dispersion) technology
- ◆ Quick setup Stacking columns with SS7 joining poles.
- ◆ Top and bottom pole mounts plus 8 fly-points
- ◆ Nine Heavy-Duty 3-inch Woofers
- ◆ Black Duratec™ weather resistant finish

Application

The **TRx3903** is a ultra compact Column Line Array element. The **TRx3903** serves as the key component in TRC systems comprising of stacked **TRx3903**'s on top of TRx3018A's active subwoofers with power output for the **TRx3903**'s. Three TRC systems are available to cover small to large venues. **TRx3903**'s include pole mount sup on top and bottom and 8 fly points for hanging.

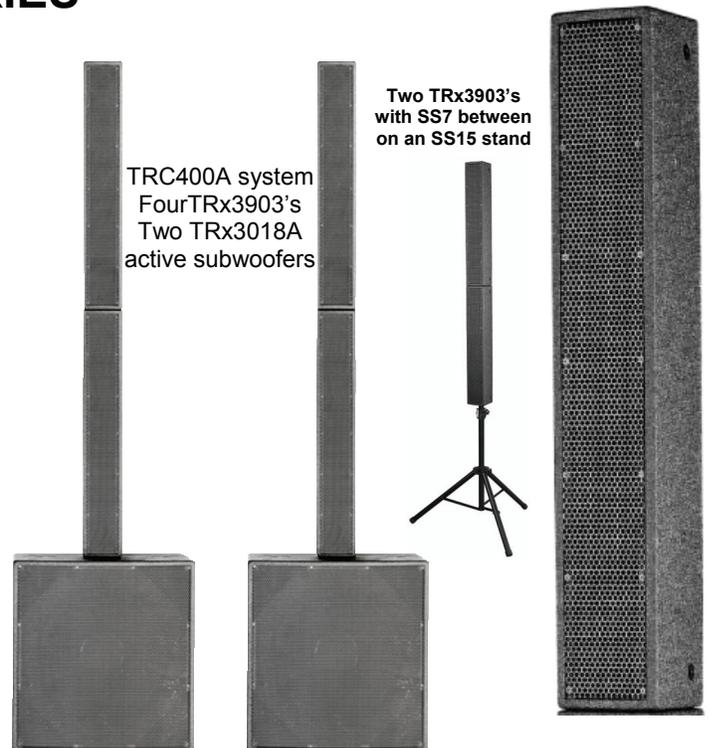
Applications include:

- ◆ Cinema
- ◆ Theme parks
- ◆ House of worship and concert halls
- ◆ Small -to-large theaters, clubs, and Ballrooms
- ◆ Outdoor events

Description

The Carvin **TRx3903** with **CDD™** (CONSTANT DELIVERY DISPERSION™) technology is a true ultra-compact line array. Each column has nine 3-inch drivers housed in a slim 5 inch wide, 31.5-inch tall, 21 lb. enclosure. With the **TRx3903**, you no longer have large enclosures to transport or obstruct the stage. The **TRx3903** has a 120 degree horizontal and a narrow 10 degree vertical dispersion for full coverage using one cabinet per side. This reduces floor and ceiling reflections and is twice the horizontal coverage of two conventional cabinets. The **TRx3903** has top and bottom integral pole mounts for a quick, easy and visually unobtrusive setup. Two **TRx3903**'s stacked on the SS15 speaker stand or a TRx3018A covers an audience that is both standing and seated. Carvin's CDD™ technology boast a full bandwidth of 160Hz to 18kHz of smooth linear phase response with uniform projection from the front to the back of the venue. As you get very close to the array, the level is clean and friendly while still being loud in the back of the room. The CDD™ technology eliminates the excessive "front row blare" and feedback compared to conventional systems. For the full audio spectrum response in demanding live and dance music, subwoofers are required.

Made in the USA.

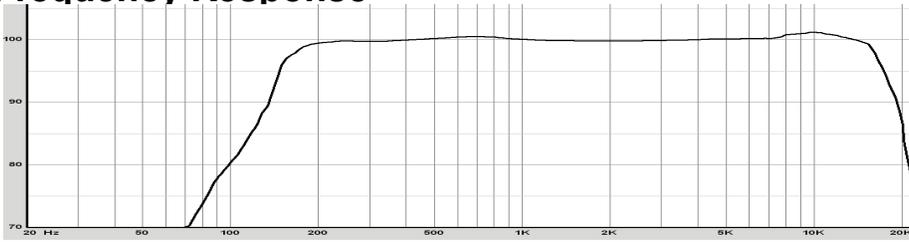


Specifications TRx3903

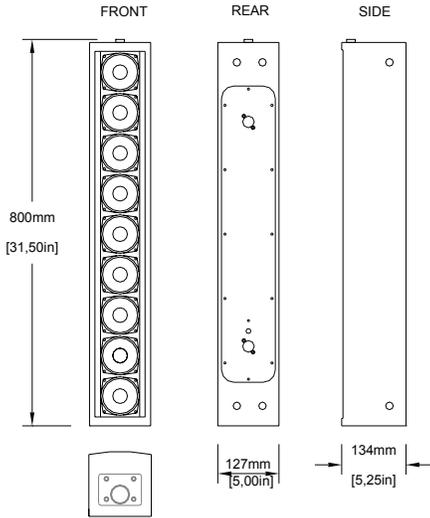
System Type:	CDD™ Column Array
Frequency Response:	140 Hz – 18 kHz (-10DB) 160 Hz – 16 kHz (-3 dB)
Coverage Pattern:	120H x 10V Single cabinet
Crossover:	None
Required Crossover Freq.:	160 Hz 24DB/oct
Power:	Continuous / Program / Peak
Full Range	180w /360w /720w
Recommended Amplifier:	360 – 550w per column
Sensitivity :	100dB (1w/ 1m); 97dB (1w/2m)
Maximum SPL:	128dB Peak
Driver:	9x 3-inch drivers
Nominal Impedance:	8 ohms
Enclosure:	11-Ply Russian Baltic Birch
Suspension/Mounting:	8 captive 3/8in-16 nut fly pts. Two 1-3/8 pole mount cups.
Finish:	Black Duratec™
Grill:	Black powder coated steel Acoustically Transparent Foam Backing
Connectors:	Two 4-pin twist lock connectors
Dimensions (H x W x D):	31.5 in x 5 in x 5.25 in 800 mm x 127 mm x 134 mm
TRx3210 Net Wt:	21 lb (9.5 kg) Hardware
Rigging & Accessories:	3903UBK U-bracket for TRx3903 TCSHK10 3/8-16 Eyebolt TCSHK58 5/8" Shackle CB3903 carry bag for 2 TRx3903's plus SS7 and cables SS7 7-inch pole for interlocking stacked TRx3903's or on Sub. SS15 short Speaker stand pair in carry bag set. 36-56inch stands.

CARVIN

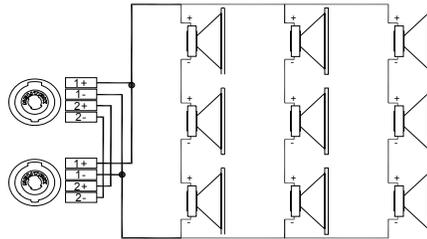
Frequency Response



Dimensions



Crossover Diagram



Rear Plate



TRC-A SYSTEMS

The **TRC-A** systems added the active TRx3018A subwoofer with an additional power amplifier output with X-Driver DSP processing for two stacked TRx3903's. Setup is easy and simple.

The **TRC200A** system with two TRx3903's and one TRx3018A sub covers small clubs and café's.

The **TRC400A** system with four TRx3903's and two TRx3018A's covers lower sub frequency requirements in larger rooms.

The **TRC600A** system with four TRx3903's and four TRx3018A's covers bands in ballrooms and concerts in the park.

Thanks to CDD™ technology even odd shaped floor plans are no problem.

TRC200A



TRC400A



TRC600A

