

# TRx

## TRx115N 15-inch 2-Way Main / Monitor

### Features

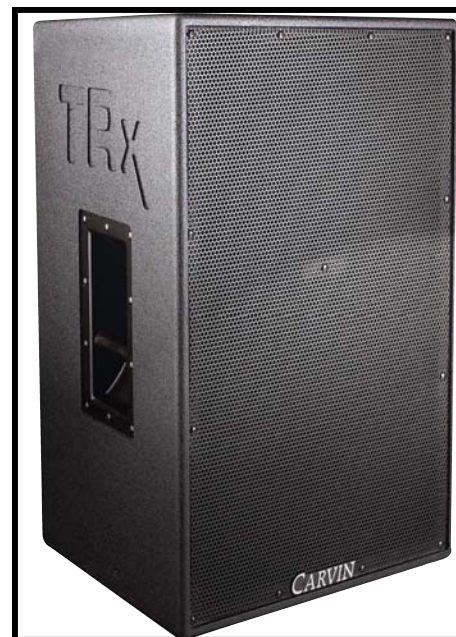
- ◆ Powerful and Compact Trapezoid design
- ◆ Monitor Cut with 38degree tilt
- ◆ Passive full range or Bi-amp crossover
- ◆ Heavy-Duty Neodymium 15-inch Woofer 3-inch VC
- ◆ Titanium 1-inch exit, 2-inch VC, HF driver
- ◆ Black DuraTex™ weather resistant finish

### Application

The **TRx115N** is a full range sound reinforcement monitor. The 15-inch woofer provides plenty of low-end to handle all monitoring needs. Couple the **TRx115N** with a TRx118N, for an extended low-end drum monitor system. Effective for both permanent and portable applications, it comes with handles, rubber footpads, and a 1-3/8-inch pole mount cup.

Applications include:

- ◆ Club system Monitor
- ◆ House of Worship
- ◆ Band PA monitors



### Description

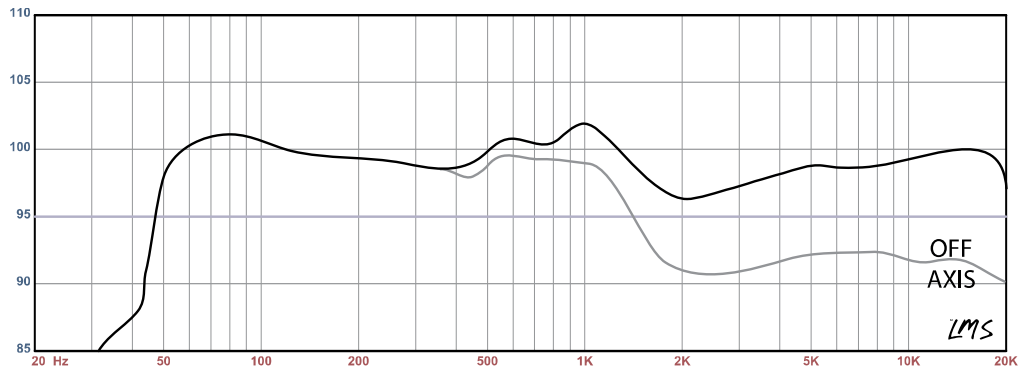
The TRx115N is a trapezoidal, 2-way multi purpose Main or Monitor enclosure. The trapezoidal design and 60x40 HF horn allows multiple cabinets to work together. The high power, lightweight Neodymium 15-inch woofer features a 3-inch voice coil with a 500w/1000w peak power capacity that provides all the punch and definition necessary. The 38 degree tilt makes the TRx115N a powerful stage monitor from 2 to 10 feet back. The system provides 8 flypoints for overhead suspension. The enclosure is constructed of CNC machined multi-ply Hardwood with heavy gauge steel powder coated front grills. The crossover includes 4 pin NL4 Speakon connectors mounted on FR4 double sided circuit boards for solid construction and durability. Carvin's exclusive Speaker Guard™ HF Driver protection uses a self resetting relay circuit to dim the HF driver 10 dB protecting the voice coil from excessive power. The benefits are the driver is not turned off losing all the high frequencies, the circuit resets as soon as the high frequency content is back to normal levels.

### Specifications TRx115N

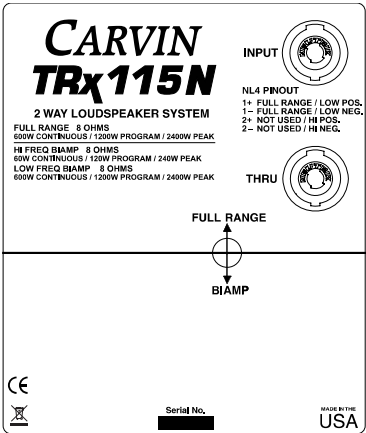
System Type:	15-inch 2-Way, bass-reflex
Frequency Response:	54 Hz – 20 kHz (-10dB) 62 Hz – 18 kHz (-3 dB)
Coverage Pattern:	60H x 40V
Crossover:	2-Way with Speaker Guard™ HF protection
Crossover Frequency:	2.5 k Hz
Power:	Continuous / Program / Peak
Full Range	600w /1200w /2400w
Recommended Amplifier Power:	800 – 1600w
Sensitivity (1w @ 1m):	100dB
Maximum SPL:	128dB
LF Driver:	15-inch Neodymium 3-inch VC
HF Driver:	1-inch exit Neodymium 2-inch VC
Nominal Impedance full range:	8 ohms
Bi-amp LF:	8 ohms 600w /1200w /2400w
Bi-amp HF:	8 ohms 60w /120w /240w
Enclosure:	18mm Multi-Ply Hardwood
Suspension/Mounting:	1-3/8-inch pole mount cup 8 captive 3/8in –16 nut fly points
Finish:	Black DuraTex™
Transport:	2 Recessed Handles
Grill:	Black powder coated steel Acoustically Transparent Foam Backing
Connectors:	Two NL-4 Neutrik Speakon's
Dimensions (H x W x D):	27 in x 19 in x 15.5 in 685 mm x 485 mm x 395 mm
Net Wt:	45 lb (21 kg)
Rigging Accessories:	TCSHK10 3/8-16 Eyebolt TCSHK15 3/8-16 Quicklink™

# CARVIN

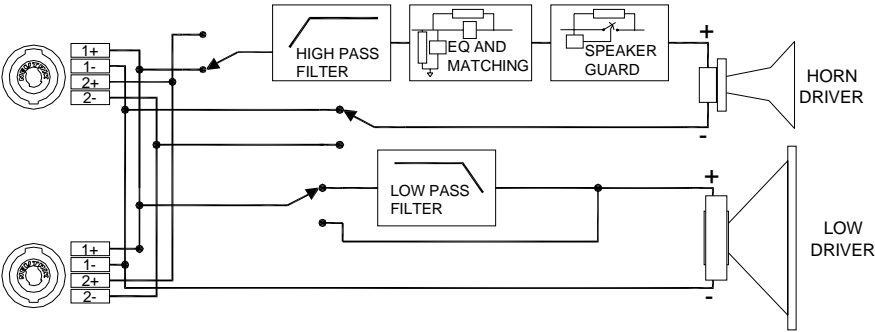
# Frequency Response



## TRx115N Rear Plate



## Block Diagram in Full Range Mode



## Dimensions

