

# TRx

## TRx153N 15-inch 3-Way

### Features

- ◆ Medium Throw Trapezoid design
- ◆ Passive full range or Tri-amp crossover
- ◆ Heavy-Duty Neodymium 15-inch Woofer
- ◆ Heavy-Duty 8-inch horn loaded MF driver
- ◆ Titanium 1-inch exit, 2-inch VC, HF driver
- ◆ Black DuraTex™ weather resistant finish

### Application

The TRx153N is designed to stand alone as a full range sound reinforcement loudspeaker and to couple with our TRx218N for a four way extended low-end system. Effective for both permanent and portable applications, it comes with handles, rubber footpads, and an NL8 connector for Tri-amp access.

Applications include:

- ◆ Large Club System
- ◆ Outdoor Medium Throw 100+Feet
- ◆ Large House of Worship



### Description

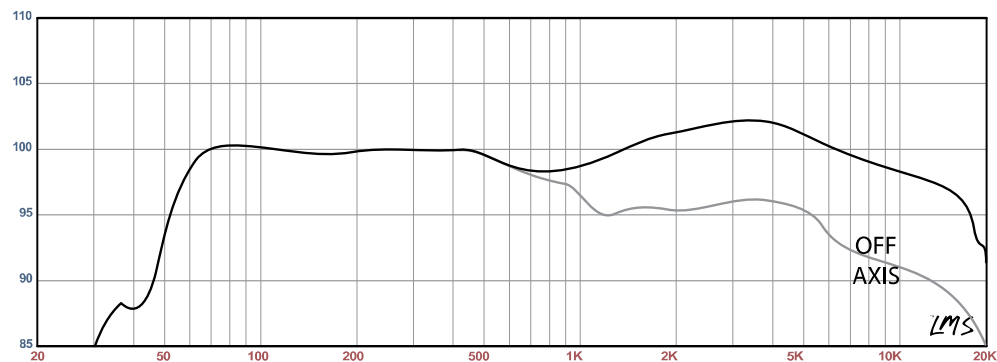
The **TRx153N** is our finest 3-way enclosure featuring a trapezoidal design with a 60x40 high and mid frequency medium throw horn loading. This trapezoidal design features a 15-inch Neo driver, 8-inch midrange, and 1-inch exit titanium HF driver with a total 600w/1200 peak power capacity. The system features a full range internal crossover with full driver accessible tri-amplifying capabilities on a Neutrik NL8 connector. There are 12 fly points 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 and 8 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 TRx153N

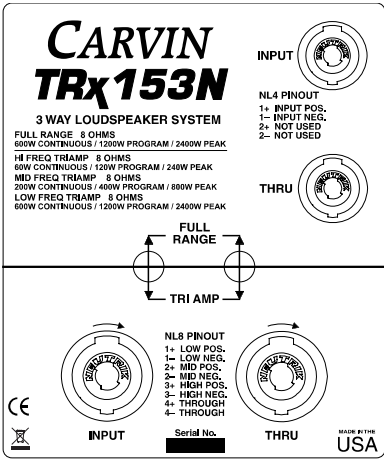
System Type:	15-inch 3-Way, bass-reflex
Frequency Response:	50 Hz – 20 kHz (-10dB) 60 Hz – 18 kHz (-3 dB)
Coverage Pattern:	60H x 40V
Crossover:	3-Way with Speaker Guard™ HF protection
Crossover Frequency:	500, 2.5 k Hz
Power:	Continuous / Program / Peak
Full Range	600w /1200w /2400w
Recommended Amplifier Power:	800 – 1600w
Sensitivity (1w @ 1m):	100dB
Maximum SPL:	128dB
LF Driver:	15-inch Neodymium 3-inch VC
LF Driver:	8-inch Neodymium 1.75-inch VC
HF Driver:	1-inch exit Neodymium 2-inch VC
Nominal Impedance full range:	8 ohms
Tri-amp LF:	8 ohms 600w /1200w /2400w
Tri-amp MF/LF:	8 ohms 200w /400w /800w
Tri-amp HF:	8 ohms 60w /120w /240w
Enclosure:	18mm Multi-Ply Hardwood
Suspension/Mounting:	12 captive 3/8in –16 nut fly points
Finish:	Black DuraTex™
Transport:	4 Recessed Handles
Grill:	Black powder coated steel Acoustically Transparent Foam Backing
Connectors:	Two NL-4 Neutrik Speakon's Two NL-8 Neutrik Speakon's
Dimensions (H x W x D):	41.75 in x 20 in x 17.25 in 1060 mm x 510 mm x 440 mm
Net Wt:	71 lb (32 kg)
Rigging Accessories:	TCSHK10 3/8-16 Eyebolt TCSHK15 3/8-16 Quicklink™

# CARVIN

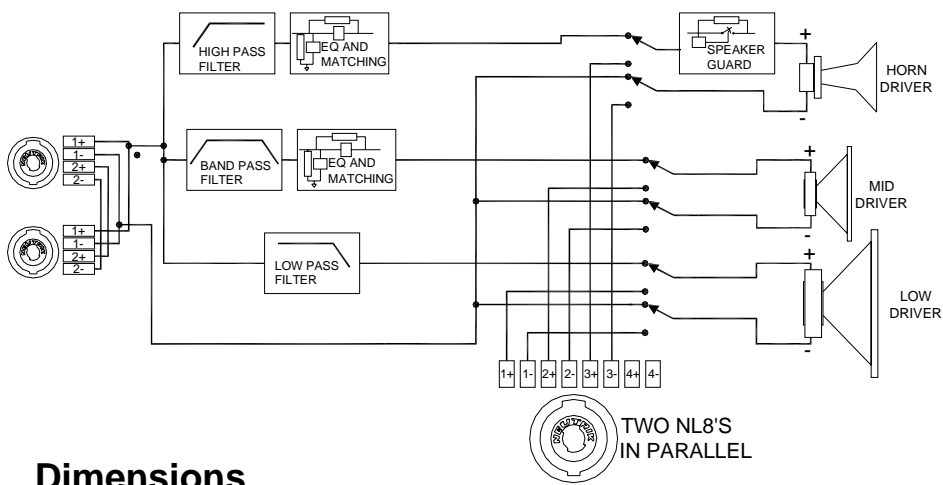
# Frequency Response



## TRx153 Rear Plate



## Block Diagram in Full Range Mode



## Dimensions

