

TRx 2000 SERIES

TRx2115A ACTIVE 2000W 15-inch 2-Way Main / Monitor

Features

- ◆ Powerful and Compact Trapezoid design
- ◆ 2000 Watt DCM DSP Controlled Internal Amp
- ◆ Titanium 1.4-inch exit, 2.5-inch VC, HF driver
- ◆ Heavy-Duty Cast 15-inch Woofer, 3-inch VC
- ◆ Monitor Cut with 32degree tilt
- ◆ Black Duratec™ weather resistant finish

Application

The **TRx2115A** is an Active 2000 watt full range sound reinforcement main and monitor. The 15-inch woofer provides plenty of low frequency to be used alone for mains. Couple the **TRx2115A** with a TRx2118B, TRx2121 or TRx2118B, for extended low frequency for front of house or high end drum monitor systems. Effective for both permanent and portable applications, it comes with 8 fly points, handles, rubber footpads, and a 1-3/8-inch pole mount cup.

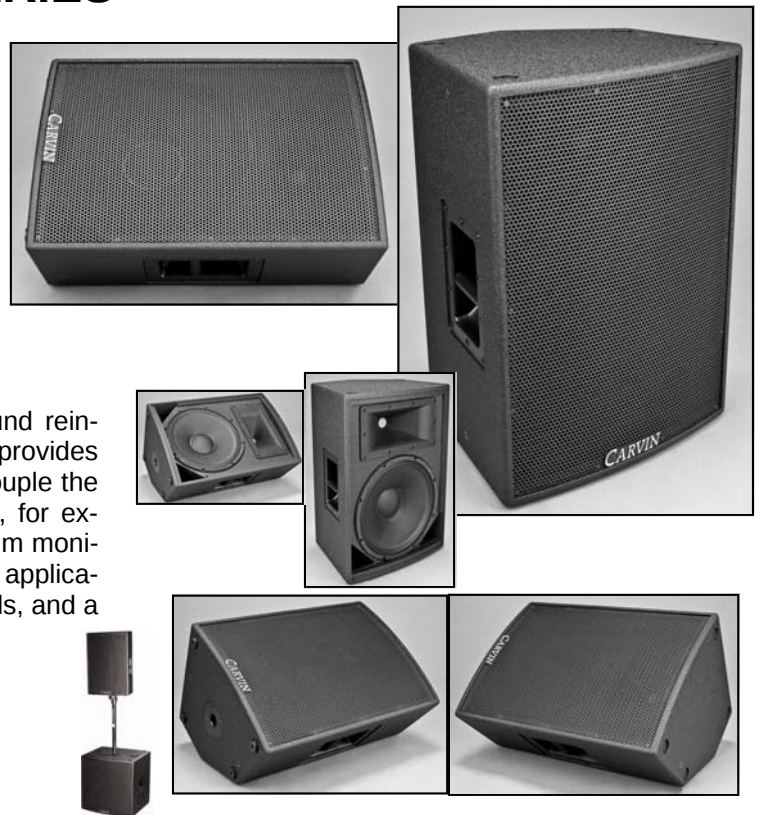
Applications include:

- ◆ Club system Main and monitors
- ◆ House of Worship Flown Mains
- ◆ Large Scale system monitors

Description

The TRx2115A is an Active 2000 watt very compact trapezoidal, 2-way multi purpose Main or Monitor enclosure. The TRx2115A active DSP controlled amplifier module contains a 3 channel 2000 watt DCM amplifier and X-Drive DSP EQ, crossover, limiting and alignment delay processing. The trapezoidal design and 80x50 degree HF horn allows multiple cabinets to work together as array clusters. The high power, 15-inch cast-frame woofer features a 3-inch voice coil with a low heat, high peak power design, which is driven by bridged pair amplifier for excellent punch and definition. The 32 degree monitor tilt angle and 80 degree vertical HF dispersion provide powerful stage monitoring from 2 to 15 feet. Eight internal fly points provide connection for overhead suspension. The enclosure is constructed of CNC machined 13-Ply Premium Russian Baltic Birch with steel powder coated front grills.

Made in the USA.

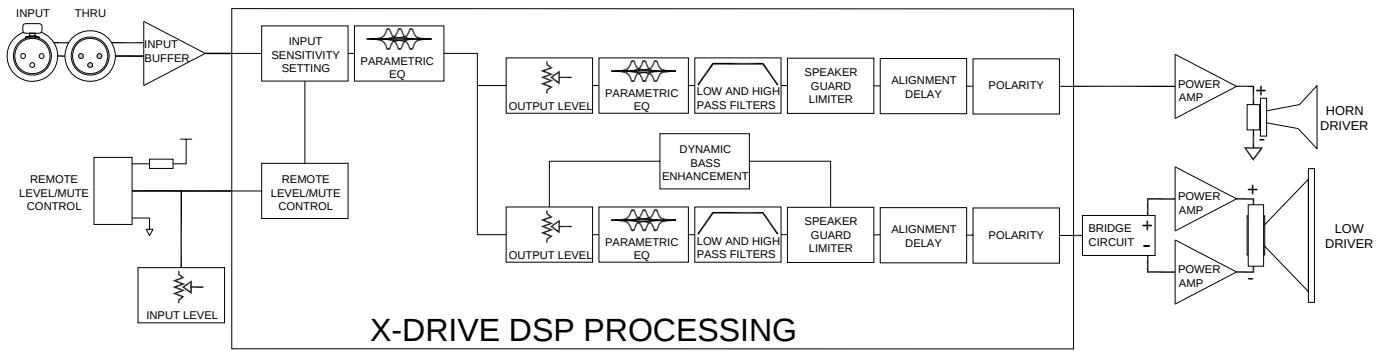


Specifications TRx2115A

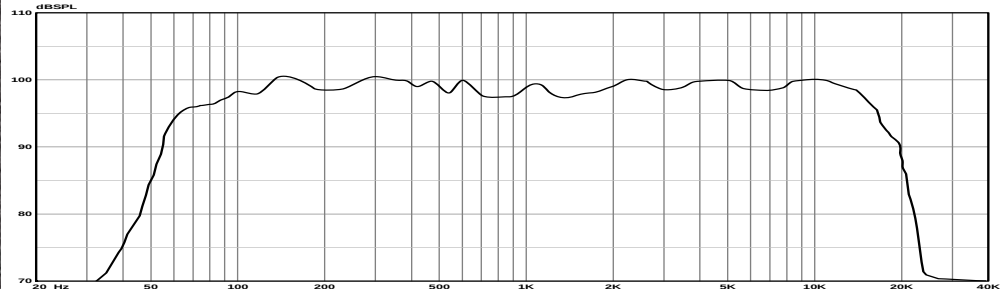
System Type:	Active 15-inch 2-Way, bass-reflex
Frequency Response:	54 Hz – 20 kHz (-10dB) 62 Hz – 18 kHz (-3dB)
Coverage Pattern:	80H x 50V
Crossover:	Bi-Amp Active DSP design
Crossover Frequency:	1.5 kHz
Power total:	3000W two cycle pulse peak 2000W 20ms burst (1500W, 500W) 1500W RMS (1150W, 350W)
Input Sensitivity:	1.4Vrms to full power
Maximum Input signal	+12dBu
Maximum SPL:	134dB Peak
LF Driver:	15-inch cast frame, 3-inch Voice Coil
HF Driver:	1.4-inch exit, 2.5-inch Diaphragm
Enclosure:	13-Ply Premium Russian Baltic Birch
Suspension/Mounting:	1-3/8-inch pole mount cup 8 captive 3/8in -16 nut fly points
Finish:	Black Duratec™
Transport:	2 Recessed Handles
Grill:	Black powder coated steel Acoustically Transparent Foam Backing
Connectors:	One XLR male and One XLR female Terminal block for remote volume/mute. AC IN/OUT: Locking IEC receptacles
AC Power Requirement:	TRx2115A: 120VAC 50/60Hz 600VA TRx2115A-E: 230VAC 50/60Hz 600VA
Dimensions (H x W x D):	25.75 in x 18.5 in x 14.5 in 654 mm x 470 mm x 368 mm
Net Wt:	56 lb (25.5 kg)
Rigging Accessories:	TCSHK10 3/8-16 Eyebolt TCSHK58 5/8 Shackle



Block Diagram and DSP Signal Flow



Frequency Response at 1Watt / 1 Meter



Rear Control Panel

The 2000W TRx2115A active module features Input and Thru balanced XLR connectors, Input volume level, terminal block Remote Level/Mute Control, and Input and Thru locking IEC AC power connectors.

The EQ MODE switch selects NORMAL, ENHANCED, or MONITOR modes. NORMAL EQ mode is a flat setting best for straight live sound. ENHANCED EQ mode is a club or dance playback setting with a minor mid cut and minor bass bump over the flat setting. MONITOR EQ Mode is designed for stage monitoring or when coupling two cabinets together to keep the bass frequencies and microphones under control. Use MONITOR mode when using the TRx2115A as a floor monitor, for side fills, or in very small venues.

The BASS switch selects the bass mode with NORMAL, DYNAMIC EXTENSION, or EXTERNAL SUB. The Bass NORMAL mode does not change the bass setting. The DYNAMIC EXTENSION Bass mode extends the low frequency response another 15Hz with a boost in the 35-50Hz range. The EXTERNAL SUB Bass mode rolls off the cabinet at 85Hz, so an external subwoofer can be used.

Dimensions

