

TRx 3000 SERIES

TRx3018A 18-inch Active Subwoofer

Features

- ◆ 2500W DSP active module
- ◆ Compact cabinet design
- ◆ 1500W internal amp to subwoofer.
- ◆ Second 1000W amp for external cabinets, with Carvin presets
- ◆ Cast Frame TS18B, 18-inch woofer with 4-inch voice coil
- ◆ Russian Baltic Birch bracing and construction.
- ◆ 16-Gauge Black Acoustic Foam Backed Grill
- ◆ Black Duratec™ weather resistant finish



The **TRx3018A** is an active 2500W, X-DRIVE™ DSP processed subwoofer with an additional amplifier output for running top main cabinets. The TRx3018A external amplifier output is ideal for powering two TRx3903's, TRx2115's, TRx3210's, SCx1115's or any top main cabinet down to 4 ohm. The **TRx3018A** features a centered pole mount for stacking TRx3903 column arrays or a TRx2115. Two additional pole mounts allow suspending up to two TRx3210NF line array elements. Top side foot holes allow stacking **TRx3018A**'s or up to four TRx3210 without rigging.

Applications include:

- ◆ Medium-to-large clubs and concert halls
- ◆ House of worship and schools
- ◆ Outdoor concerts and street festivals
- ◆ Mobile DJ's and local bands

Description

The **TRx3018A** is simply our finest single 18-inch active subwoofer system featuring power for external cabinets. The high power, cast frame TS18B woofer features a deep 23mm, inside/outside wound, 4-inch voice coil with outstanding deep bass performance. Optimized presets for several Carvin cabinets are factory programmed for simple connect, select and play setup. The box is designed with four deep, corner located ports producing a very strong structure and coherent sub frequency output. The added strength and rigidity of the corner ports increase the efficiency of the speaker's output into the room, not wasting energy on vibrating the cabinet's walls. This provides ideal low frequency coupling in multi box clusters, both in the horizontal and vertical positions.

The enclosure is constructed of CNC machined 13-Ply Premium Russian Baltic Birch with heavy gauge steel powder coated front grills. The amp module features X-Drive™ DSP processing and bullet-proof DCM power amp technology using FR4 double sided circuit boards in a fan ventilated, internally sealed aluminum structure for solid construction and durability.

Made in the USA.

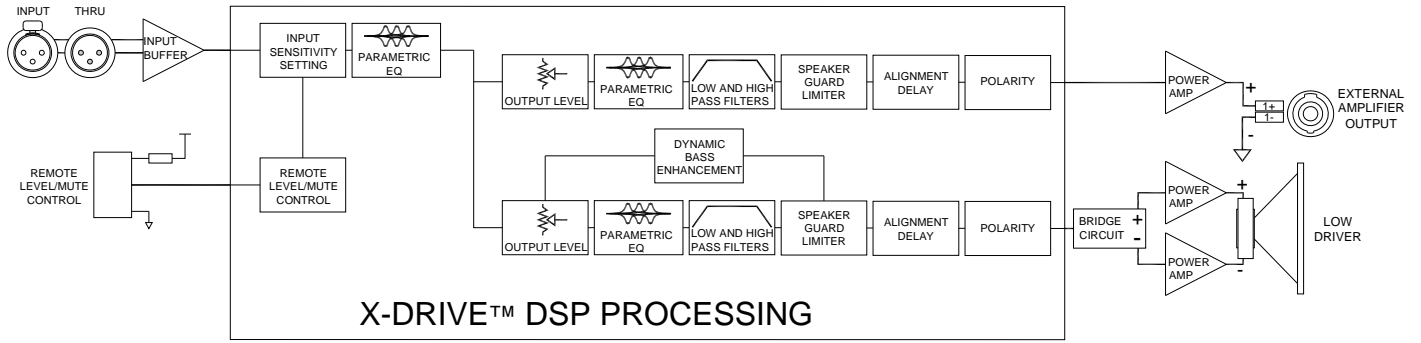


Specifications TRx3018A

System Type:	Active 2500W X-Drive processed 18-inch Sub, bass-reflex
Freq. Response:	32 Hz – 1.5 kHz (-10dB) 38 Hz – 1 kHz (-3dB) Bass Enhance mode: 15Hz < normal
Coverage Pattern:	Omni - Cardioid in 8x arrays
Crossover Freq.:	Active DSP design Preset, or 58-160 Hz @24dB/oct.
Power:	3200W 2 cycle pulse peak 2500W 20ms burst (1500W / 1000W external) 1875W RMS (1250W, 625W external)
Input Sensitivity:	1.0, 1.2, 1.4, or 2.0 Vrms settings
Maximum Input signal:	+12dBu
Maximum SPL:	131dB peak
Driver:	18-inch, 4-inch VC
Enclosure:	13-Ply Russian Baltic Birch
Suspension/Mounting:	3 x 1-3/8-inch Pole Cups Foot receivers for TRx3210 and TRx3018A
Finish Trans	: Black DuraTec™ port: 2 Recessed Handles Grill: Black powder coated steel Acoustically Transparent Foam Backing
Connectors:	Signal In/Thru: XLR female/XLR male External Speaker: 4 pin twist-lock Remote Level/Mute: Terminal block AC IN/OUT: Locking IEC receptacles
Dimensions:	23.5 in x 23.5 in x 23.5 in 597 mm x 597 mm x 597 mm
Net Wt:	87 lb (39 kg)

CARVIN

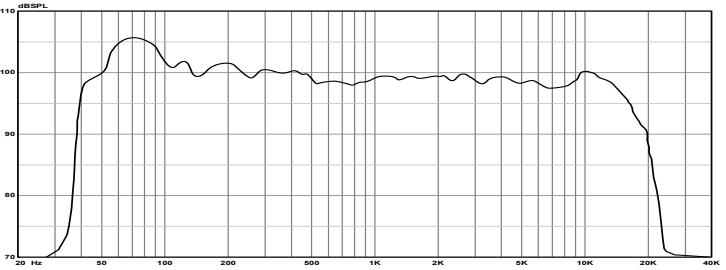
Block Diagram and DSP Signal Flow



Rear Module Plate



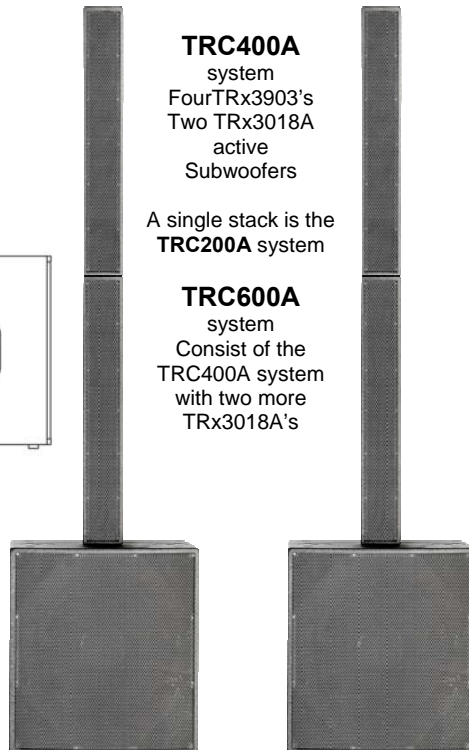
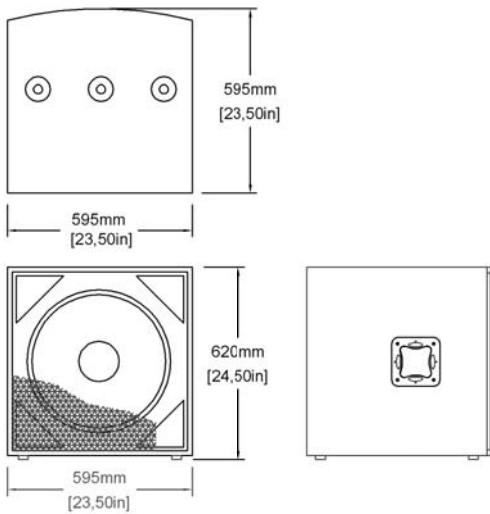
Frequency Response at 1Watt / 1 Meter Shown as TRC200A or half a TRC400A System



The 2500W TRx3018A power module features Input and Thru balanced XLR connectors, Terminal Block remote level/Mute Control, Input and Thru locking IEC AC power connectors, and a twist lock connector for driving the external top speaker. The display provides access to preset processed speakers setting for several Carvin Speakers and for sub only and generic external speaker crossover settings. Also on the display you can access input sensitivity setting, external speakers level, polarity setting of the sub, and turn on or off the dynamic bass enhancement. The dynamic bass enhancement mode extends the low frequency response another 15Hz with a boost in the 35-50Hz range.

**These setups all have preset programs
For a quick connect, select and play.**

Dimensions



TRC400A
system
Four TRx3903's
Two TRx3018A
active
Subwoofers

A single stack is the
TRC200A system

TRC600A
system
Consist of the
TRC400A system
with two more
TRx3018A's



Shown with
TRx12N and
TRx2115 on SS4
adjustable poles.



TRS500A
system shown
with two
TRx3210NF on
SS4 adjustable
poles.