

T-112 PROFESSIONAL LOUD SPEAKER / MONITOR

OVERVIEW / SPECIFICATIONS	T SERIES T-112 LOUDSPEAKER
Configuration (NL4)	1x12", 1x3" diaphragm / 2" exit
Internal Crossover Point	1.8 kHz
Frequency Response (+/-3 dB)	50Hz – 19.5 kHz
Power Handling (watts)	800 watts
SPL & Sensitivity (1w/1m)	131dB / 100dB
Nominal Beam Width (degrees)	60 x 90 (Can be rotated)
Nominal Impedance-Bi-amp	LF-8ohm, HF-8ohm
Nominal Impedance- Passive	Passive 8 ohm
Dimensions (H-W-D)	23.34" x 17.40" x 15.94"
Net Weight & Material	63 lbs - 3/4" plywood
Hanging Hardware	8mm shouldered eye bolts
Special Features	Bi-amp/passive switch & pole mount

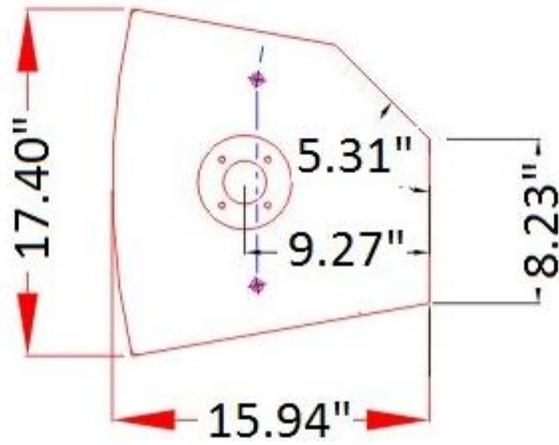
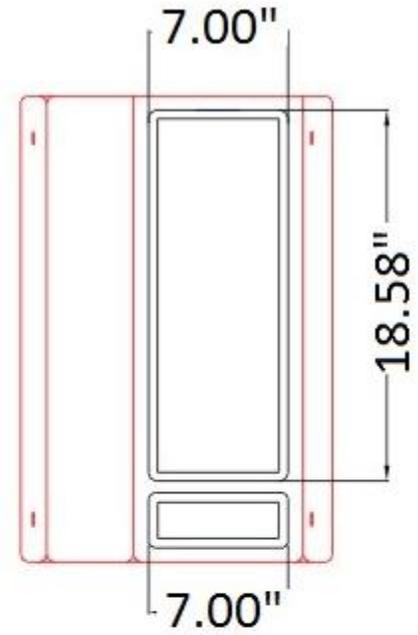
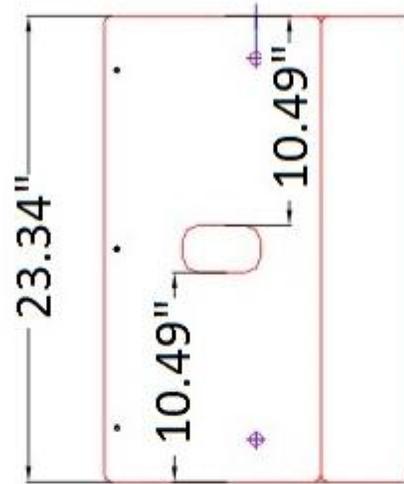
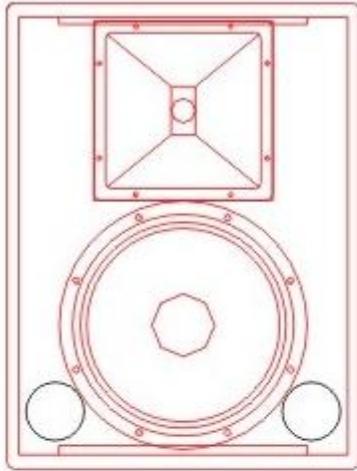
Features & Benefits

- Single 12-inch high performance woofer for mid/low frequency
- Single 3" compression driver with titanium diaphragm and 2" exit
- High efficiency design needing less power for high SPL levels
- Switchable between bi-amp and passive with built in crossover
- Available in powered or non powered version
- Powered version will power up to 3 additional passive cabinets
- Multiple fly points and wall mount brackets available for easy installation
- Pole mountable with cut angles to double as a main PA speaker or monitor wedge



Each T-112 is constructed of premium ply-wood and is custom fitted with multiple rigging points for easy installation. The T-112 cabinet has cut angles and a pole mount, doubling as a monitor wedge and main speaker. All T-Series enclosures are hand wired using premium wire and Neutrik brand NL4 connectors. T-Series low-frequency drivers are built with cast frame baskets and all compression drivers have changeable titanium diaphragms for superb sound quality, durability and performance. The T-112 cabinets have a passive crossover and are bi-amp switchable. The T-112 is equipped with a removable back panel that can be disconnected and replaced by an internal TVi "Class D" power amplifier module. Each power amplifier has a built-in multi-channel processor that has been chamber tuned to a flat measured response curve with pre set limiters and DSP. One amplified T-112 cabinet will also power up to 3 additional 8 ohm cabinets on the same signal by NL4 output from the powered cabinet to the non-powered cabinets.

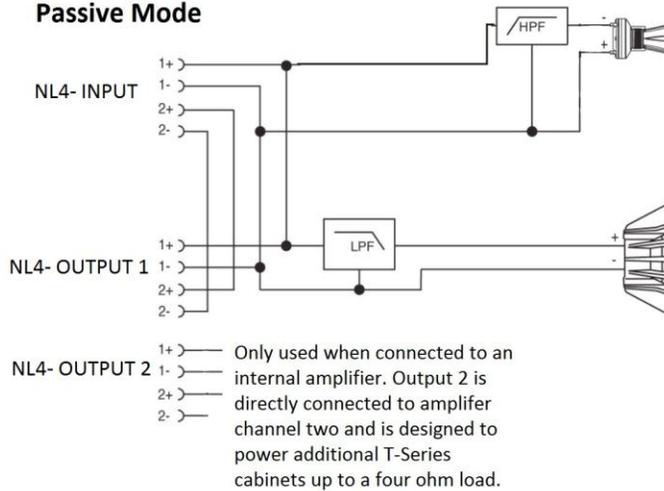
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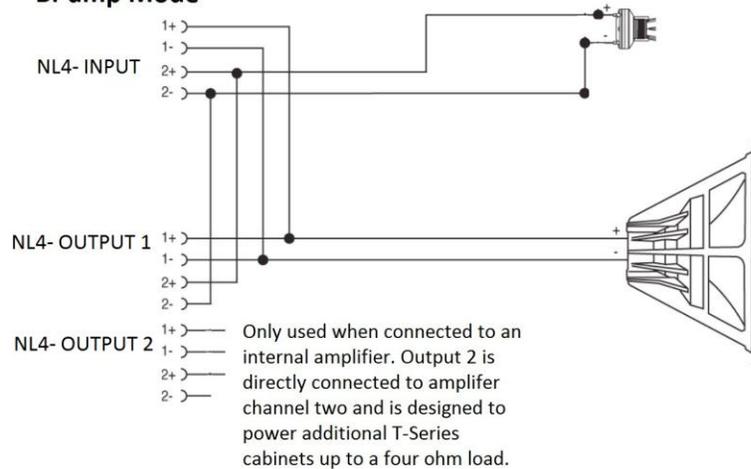
T-112 REAR PANEL & WIRING DIAGRAM



Passive Mode



Bi-amp Mode

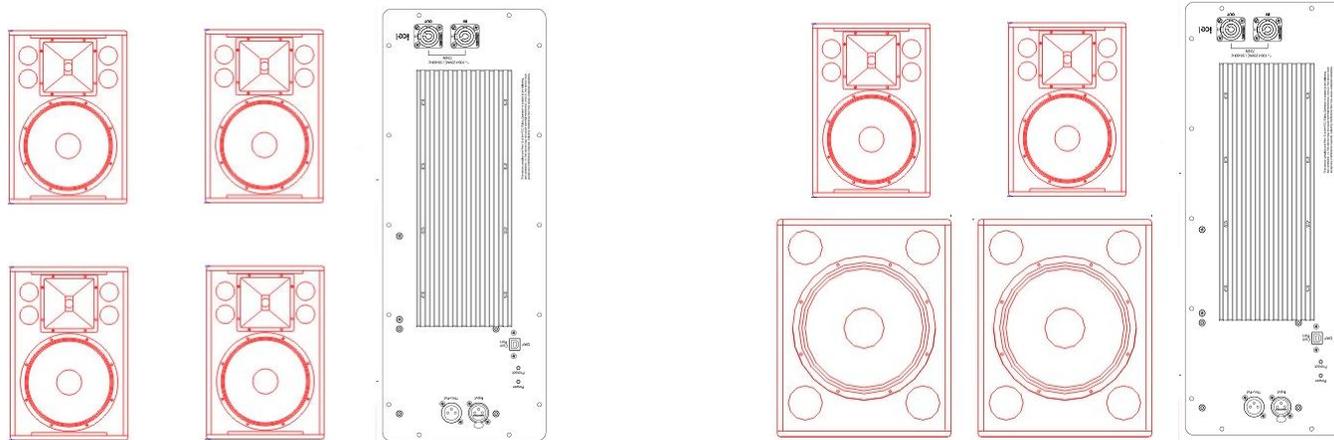


T-112 INTERNAL POWERING COMBINATIONS

Amplifier Channel One- When installed into a T-112, amp channel one will power that loudspeaker along with a second non-powered loudspeaker. To power the second loudspeaker, connect the NL4 from the powered cabinet's "Output 1" to the non-powered cabinet's "Input." This creates a 4 ohm on amp channel one.

Amplifier Channel Two- Amplifier channel two is wired directly to NL4 "Output 2" on the rear panel of the speaker cabinet. "Output 2" is only used when an internal power amplifier is installed into the cabinet for this model. Users have multiple options on powering additional T-Series cabinets with "Output 2." See the diagrams below.

Note- The amplifier will be pre-tuned to a chambered flat response curve that is specific, per channel, for the models it will be used with. Users can make DSP, gain, delay and other adjustments through the amplifier control software, "TVi Control." Each amplifier has a single signal input / output, so gain and DSP adjustments between channels must be adjusted and stored within the amplifier's control software that can be accessed easily with a laptop computer.



Left Diagram- A single internal amplifier powering four T-112 loudspeakers: two per channel at a four ohm load per channel

Right Diagram - A single internal amplifier powering two T-112 loudspeakers on channel one & two T-118 subwoofers on channel two at a 4 ohm load per channel

Note: Each amplifier channel may also operate at an 8 ohm load, so the diagrams above only show the maximum number of T-Series cabinets that can be powered using a single internal amplifier. Each user's application is different and may require fewer cabinets per amplifier channel.