TNT Series Amplifiers Owners Manual



MODELS:

T500W/2 T1000W/2 T2000W/4 T2000WD/1 TD5X



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THANK YOU

Thank you for choosing Earthquake Sound's line of TNT amplifier: the best way to enhance your factory mobile audio system. With proper installation and responsible listening, your amplifier(s) will give you years of near perfect sound reproduction.

We strongly recommend you to have your new amplifier(s) installed by an authorized Earthquake Sound dealer. Installation professionals employed by your dealer have the correct tools and knowledge to install your amplifier(s) neatly and successfully. Also, when your new products are installed by an authorized dealer, your product will include a FIVE (5) YEAR LIMITED WARRANTY. If you choose to perform your own installation, your warranty will be subject to limitations. Dealer policies on handling warranty requests may vary from one dealer to the next.

Please read the warranty information in its entirety and use good judgment when making these vital decisions.

CAUTION: Earthquake Amplifiers are capable of generating high sound pressure levels. You should exercise caution when operating these amplifier systems. Long term exposures to high levels of sound pressure will cause permanent damage to your hearing. Sound pressure levels exceeding 85dB can be dangerous with constant exposure. Set your audio system to a comfortable loudness level. Earthquake Sound Corporation does not assume liability for damages resulting from the direct use of Earthquake amplifiers or other Earthquake products and urges users to play their music at moderate listening levels.

SOUND LEVEL DBA DURATION IN HOURS 90 8 92 6 95 4 97 3 100 2 102 1 - 1 1/2 105 1 110 1/2 115 1/4 or Jess	THE CHART (ON THE SIDE) SHOWS THE U.S. GOVERNMENTS OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS WHICH WERE IN EFFECT AT THE TIME OF THIS PUBLICATION FOR PERMISSIBLE NOISE EXPOSURE, PER 29CFR1910.95, TABLE G-16.
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SIGNAL SENSING FEATURE - AUTO ON/REMOTE ON

This TNT amplifier features the new, improved and more powerful circuitry. Better yet, Earthquake Sound has added a special **AUTO SIGNAL SENSING Feature** which allows installers to turn on the amplifier without using the remote wire.

By simply connecting the RCA or Speaker level inputs to the amplifier, it will turn on automatically when it senses an audio signal. This feature makes upgrading the sound system in many of the latest model vehicles easier for installers as it eliminates the need to connect a remote turn on wire to the amplifier.

Before you proceed, please note the following:

- This feature may not be compatible with all latest model vehicles.
- If your vehicle is going to be parked for over 4 weeks, then you should disconnect the main fuse of the amplifier.
- Be sure to follow the connection instructions and illustrations below.



AUTO ON

When the switch is on **AUTO ON**, the amplifier will automatically detect an incoming signal when the stereo is turned on. If the amplifier does not detect any signal after 20 minutes, the amplifier will automatically turn off.

The proper power and remote wire connection when using the **AUTO SIGNAL SENSING** is illustrated below.



DO NOT connect the remote wire to the head unit as this will damage your sound system.



RESET

In case the system goes into protection, simply turn off the audio source, lower the volume and slide the switch to **RESET** then back to **AUTO ON** position.

UTO O	N RE	SET	REMO	TE ON

Δ

REMOTE ON

When the switch is on **REMOTE ON**, the amplifier relies on the remote wire to detect the signal and turn the amplifier on or off.

NOTE: RCA outputs must be inserted in CH1/2 for the amplifier to detect any incoming signal.

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SPECIFICATIONS

Model	T500W/2	T1000W/2	T2000W/4	T2000WD/1	TD5X
Class	A/B	A/B	A/B	D	D
Number of Channels	2	2	4	1 Mono	4 Full Range + 1 Mono
Max Power Output	800 Watts	1400 Watts	2000 Watts	2000 Watts	3000 Watts
Max Power 4-Ohm Bridged	1 x 400	1 x 700	2 x 250	1 x 1000 @ 2₩	2 x 100 @ 4\∕\ / 1 x 300 @ 4\∕\∕
Max Power 4-Ohm Stereo	2 x 150	2 x 300	4 x 100	1 x 600 @ 4₩	4 x 100 @ 4\\¥+ 1 x 600 @ 2\\\
THD @ 4-Ohm THD @ 2-Ohm	> 0.01% > 0.05%	> 0.01% > 0.05%	> 0.01% > 0.05%	> 0.01% > 0.016%	> 0.01% > 0.016%
Channel Separation		> 60 dB		> 60 dB	
Crossover Frequency, LPF Crossover Frequency, HPF Crossover Frequency, SUB	50 - 250 Hz 50 - 250 Hz N/A	50 - 250 Hz 50 - 250 Hz N/A	50 - 250 Hz 50 - 250 Hz N/A	N/A N/A 50 - 300 Hz	40 - 400 Hz 40 - 400 Hz 40 - 160 Hz
Bass Boost	0 - 18 dB	0 - 18 dB	0 - 18 dB	0 - 10 dB	N/A
Fuse	1 x 30 Amp	2 x 25 Amp	2 x 20 Amp	2 x 30 Amp	3 x 25 Amp
Signal-to-Noise Ratio 95 dB Below Rated Power		95 dB Below Rated Power			
Dimensions (H x W x D)	2-1/4" x 9-3/4" x 9"	2-1/4" x 9-3/4" x 13-5/16"	2-1/4" x 9-3/4" x 13-3/8"	2-1/4" x 9-3/4" x 11"	2-1/4" x 9-3/4" x 16-3/8"
Net Weight	4.25 lbs	6.4 lbs	6.5 lbs	6 lbs	9 lbs
* Dimensions include plugs, te ^ Minimum impedance is 4\//			Please refer to the warranty g amplifier. It is recommended that receipt and note your serial numb	you keep a copy of your sales	SERIAL NUMBER

T500W/2





To battery positive (+)

T1000W/2





K-10, ten-inch bass tube, in mono application (4 Ohms minimum)

T2000W/4





T2000WD/1



* Test the alternator output. Factory alternators will produce 60-80 amperes at best. Wear and heat will reduce the output by 40%.

* Alternator ground (-) must be reinforced, use 4-gauge cable instead of the factory 8-gauge.

* Alternator positive (+) to battery (+) must be reinforced. Use 4-gauge cables.

* Check your battery condition. Batteries degrade after a while.

* Battery (+) to amplifier (+) must be a 4-gauge cable.

* Ground amplifier to chassis using 4-gauge cable, keep the cable short (Maximum 2-feet).

* Use 1 farad capacitor to compensate for surges in demand.

* We recommend the use of one (1) auxiliary battery.

Two Single 4-Ohm Subwoofers @ 2-Ohm



USE TWO 30-AMPERE FUSES TO PROTECT THE AMPLIFIER

One Dual 4-Ohm Subwoofer @ 4-Ohm



¹² Specifications Are Subject To Change Without Notice

TD5X



FRONT STEREO IMAGES CHANNELS 1/2 Set Xover to desired setting and set Mode Ø. switch to HIGH (high-pass). Level adjustment should be dialed in by ear. Keep XOVER LEVEL it at MIN and slowly work your way up. VARIXR **CHANNELS 1/2** FC6.2 FC6.2 Tweete Tweete FC6.2 Mid-Range FC6.2 Mid-Range FC6.2 Xover FC6.2 Xover FRONT REAR SUB CH3-CH1-CH2-CH4+ CH2 CH3+ CH4-CH1+ CH3 CH CH CH4 CH5-СЫЗ CH4 CH1+ CH2-CH3+ CH4-BRIDGED BRIDGED



2 or 4-Ohm Subwoofers



