

ELIMINATOR 2000 SUPER ---- Instruction Manual

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- **Turn On Unit:** A rocker switch on the upper left-hand side turns on the ELIMINATOR. Power unit up with:
 - a) AC Adaptor included with unit
 - b) 2 – 9 Volt Alkaline Batteries (not included) Remove back cover to install
 - c) 12 Volt DC cigarette lighter adaptor can also be used (Center pin positive -- 5.5mm x 2.1mm plug)
- **On Startup:** The *Portatree* logo appears and each light illuminates on the “**ELIMINATOR SUPER 2000**” in succession faster and faster, a light chase and then the Main Menu appears.
- **Main Menu:** The display will read “Practice”, “Practice (Setup)”, “Race/Wx Logging”, “Utilities”, “Display”, “Test Track”, and “Diagnostics”. Use the Up or Down Arrow keys to view all of the menu items. Highlight a selection and depress “STAGE / ENTER” key to enter into the menu item.

1.Practice: This is where you compete for best Reaction Time.

A. “TREE” Key# 9

1. Change Full to Pro tree
2. Change Tree Speed (.400 or .500)
3. Change Top Bulb Lock (Cross Talk) On / Off
4. Turn Crossover On / Off

B. “PREF” Key# 6

1. Change Dual User to Single User
2. Turn Random Dial – On / Off
3. Change Bump Down
4. Turn Shift Light – On / Off

C. “STATS” Key# 5

D. “Dial” Key# 8

E. “LOG ON” Key# 4 (Saves Individual User Settings)

F. “MAIN MENU” Key# 1

G. “DELAY BOX” Keys# 0 & 7

H. “RESET” Key# 2

I. “DATE / TIME” Key# 3

J. “STAGE / ENTER” Key

K. “STAGE / ESCAPE” Key

L. “ARROW” Keys

2. Practice (Setup)

A. Change Rollout

What's My Rollout? Visit our Web Site: www.portatree.com, Click on “Tech Tips” choose Tech Tip# 1

B. Set Preferences

1. Perfect Tree [ON]
2. Reset – Auto / Manual
3. Preset (Preset Time to Beat for Single user Mode)

C. Set AutoStart [NO] – Allows you to change AutoStart settings

D. Set Shift Points [NO] – Allows you to change Shift Point settings

3. Race / Wx Logging

If you have a Snap-In weather unit you can Log Weather here.

4. Utilities

1. **Back Light [OFF]** – L.C.D. Backlight On or Off and brightness level
2. **L.E.D. Brightness** – Adjustable brightness on the L.E.D.'s
3. **Beta Bright Display** -- Optional External display
4. **Defaults [No / Yes]** – Resets Eliminator to Factory settings

5. Display

Tree operates by itself displaying pro / full trees and handicaps

6. Test Track

If you have infrared cells and a starting line go here.

7. Diagnostics

If you are having troubles with lights or switches, go here.

(The next 5 items are NOT menu items on the Eliminator Super 2000 !)

8. Real Time Clock (optional) – Referred to as “RTC”

A factory installed option usually installed with Snap-In Weather Station

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12. Hold Harmless - Using the ELIMINATOR for Test Tracks and Competition Racing

Portatree is in no way responsible for the safety of any vehicle being tested on a Portatree Test Track. Usage of Portatree Equipment for testing purposes is solely the responsibility of the User to take the necessary and proper safety precautions regarding the use of a racing vehicle.

Portatree does not recommend the use of any **ELIMINATOR 2000 Practice tree** product for competition racing applications. Many groups require an economy system and select the **ELIMINATOR 2000 Competition Track Timer**. We strongly recommend the Portatree Professional Ultimate Track Computer or the Eliminator 2000 Competition Track Timer for all racing applications.

1. PRACTICE

Using STAGE Keys - - You can use either the Stage Right and Stage Left Keys on the Face of the **"ELIMINATOR 2000"** or plug in the external hand switches in each side of the Eliminator to practice your reaction time. You can use the keys or hand buttons alone or use a combination of both. These 2 inputs are your ways of interfacing to the **"ELIMINATOR 2000"**. **DEPRESS** the hand switches or **Stage Keys** to change Stage Up to Staged in both lanes and the tree sequence will immediately begin. Release as you would at the Drag Strip!!

When a hand switch or STAGE key is depressed, the Display will show "Staged" and the delay box and dial-in information will disappear. This means you are staged and waiting to test your Reaction Time. You must keep the switch depressed until the lights cycle down the tree.

The **ELIMINATOR** will wait for both lanes to STAGE in dual user mode and only 1 lane to STAGE when you are in Single user mode. If you let go of the hand switch before the tree sequence starts, a single red light at the bottom will indicate a staging foul. If you let go before the tree sequence is complete, then the red light and corresponding Amber light will stay lit.

When you are using the SHIFT LIGHT FEATURE, the **ELIMINATOR** will proceed with the SHIFT LIGHT Testing right after the last user releases the Reaction Time Switch. This feature only works with the external hand switches. See section 7 under "TREE" Key.

A. "TREE" Key# 9:

After making a change in this section, depress the **"STAGE / ENTER"** Key to **Save** and move to next MENU item or depress the **"STAGE / ESCAPE"** to return to Practice. If you use the "STAGE / ESCAPE" key without confirming the entry, the change will NOT be saved!!

The "TREE" Key is depressed in order to change:

1. **FULL to PRO Tree** -- use "UP" or "DOWN" arrow to Toggle
2. **FULL TREE [.500]** -- use "UP" or "DOWN" arrow to Toggle - .400 to .500
3. **TOP BULB LOCK (Cross Talk)** -- Use the Up or Down arrows to turn On or Off.

This is a feature that was added to track systems due to the new L.E.D. Bulbs which are difficult to see from both lanes. When the tree is handicapped, both top Amber Lamps on the tree illuminate at the same time and the 2nd and 3rd Amber Lamps work normally. Only works when in Full Tree Mode. This feature is not saved. You must activate it every time the system is powered up.

4. **CROSS OVER** -- Use the Up or Down arrows to turn On or Off. This is a feature that allows you to leave on the competitor's side of the tree during a handicapped race. When it is turned on, it automatically calculates the difference.

B. "PREF" Key# 6:

After making a change in this section, you must depress the **"STAGE / ENTER"** Key to **Save** and move to next MENU item or "STAGE / ESCAPE" to return to Practice Mode. If you press the "STAGE / ESCAPE" key without confirming the entry, the change will NOT be saved!! The "PREF" Key is depressed in order to change:

1. **Practice -- Single / Dual User** -- Use Up or Down Arrow to toggle
2. **Random Dial On / Off** -- Use up or down arrow to toggle By turning this feature "ON" and returning to the Practice Mode, the tree will Handicap at Random!
3. **Bump Down [0.000]** -- Bumps down delay box setting only !! Depressing the hand switch or "Stage" Key after the initial release will reduce the delay box setting by the amount of time [Bump Down]. You can depress the switch several times to continually reduce the delay box setting. A feature associated with delay boxes. Used when the driver thinks he left late !!
4. **SHIFT** -- How to use the SHIFT LIGHT feature -- Turn the Shift Light feature "On" or "Off" using the Up or Down Arrow Keys. Right after your reaction time has been tested, the shift light feature will begin. The first Shift Point is triggered at a set time after the last user clocks reaction time and the "TOP 2 AMBER" lights on the **"ELIMINATOR 2000"**

will illuminate. Depress the external hand switches as quick as you can and then release and wait for the next shift point. The “MIDDLE 2 AMBER” lights will come on next at the Preset Shift 2 Point. Again, depress the hand switch as quickly as possible and then release and wait for the next shift point. Finally the “BOTTOM 2 AMBER” lights come on at the Preset Shift 3 Point. Again, depress the external hand switches as quick as possible and release. After you have completed the test, the SHIFT LIGHT Reaction Results will be displayed. The lights on the tree will cycle down with the corresponding Reaction Times. A great time is .180 seconds and **consistency** is the most important part of this test! If you miss a Shift, you will get 0.000 seconds - - Maximum time is .500 seconds. Depress the “UP” Key to review your results or “Reset” to try again.

This feature will help racers who use shift lights and tachometers in their race vehicles and depend on them to manually shift their vehicle. It is also a lot of fun. If you turn this feature on, it will stay on even after the next time you start up the **ELIMINATOR**. See “How to Use the Eliminator” for instructions.

C. “STATS” Key# 5

At any time when you are in the practice mode at the “STAGE UP” / “STAGE UP” screen, you can depress the “STATS” key to review your results. The “stats” key (Statistics) displays many screens of information. You can scroll through the information by depressing the Stage / Enter Key and leave “Stats” using the Stage / Escape Key. You can not edit any numbers in this section. You can use the “RESET” key to zero out the results and start over. Every time you start the Eliminator 2000 up, the “STATS” will be zeroed out.

1st Screen -- Number of Wins – Number of Red Lights -- Left & Right Lane

2nd Screen – Best Reaction Time – Average Reaction Time -- Left & Right Lane

Note: Average Reaction Time is a running average

3rd Screen -- Slowest and Fastest Reaction Times – Left & Right Lanes

4th , 5th , 6th , 7th , 8th Screens – History of your results.

D. “DIAL” Key# 6

At any time when you are in the practice mode at the “STAGE UP” / “STAGE UP” screen, you can depress the “DIAL” Key to set the dial in for both lanes. Use the Numeric keypad to enter the number, the left and right arrow keys to move the flashing cursor, the up and down arrow keys to RESET (turns to .00) or turn OFF, or the Stage / Enter Key to confirm the entry and move to the right Dial-In or back to Practice Mode. You can use the Stage / Escape key to exit without saving. When Dial-In’s appear on the screen, you are in a handicapped start situation. Make sure you enter a Dial-In for each lane.

E. “LOG ON” Key# 4

What is Log On: This feature gives you the ultimate flexibility in drag race simulation. **Log On allows you to Enter & Save up to 10 Different Users:** **Name** (up to 6 characters), **Tree Preference** (Full or Pro), **Tree Speed** (from .100 to .900 seconds – most common is .500 Full & .400 Pro), **Rollout** (from .001 to 1.000 seconds – most common .240 to .320), **Dial-In** (up to 30.00 seconds), and **Delay Box** setting. Each of the 10 Users are able to set their own specific preferences for these five aspects. Feature can be used in **Single or Dual Lane** practice modes.

Bonus Feature: **Log On** allows you to run a **Full Tree against a Pro Tree** with different tree speed settings.

Setup Log On:

- 1) When in Practice Mode at the “STAGE UP” / “STAGE UP” screen press the “**LOG ON**” Key #4
- 2) You have 3 options; “**Left Lane**”, “**Right Lane**”, or “**Edit Users and Settings**”.
 - Use the Up or Down arrow keys to highlight and choose the option then Press the “Stage / Enter” Key to access.

- 3) **“Edit Users and Settings”:** **FIRST TIME LOGON USERS START HERE**
- Use the Up or Down Arrow Keys to scroll through the 10 users
 - Use the Left or Right arrow keys to enter EDIT Mode (**Edit an existing Name or ADD a New Name**)
 - Once in Edit Mode use the Up or Down arrow keys to select the letter that is wanted. Press the Left or Right Arrow Key to jump to the next space. Continue until the name is complete. Example: USER 01 [SUE]
 - **Always press the “STAGE / ENTER” KEY to SAVE YOUR SETTINGS and move to the next screen.**
 - **Tree Type (Full or Pro).** Use the Up or Down arrow keys to choose. Press “Stage / Enter” to save and move to the next screen.
 - **Tree Speed, Roll Out, Delay Box, and Dial-In** can be edited using the Eliminator number key pad. Press the number you want at the Flashing Curser. Press the “Stage / Enter” Key to save your setting and to move to the next screen.
 - **If you Enter a Value that is too Large or too Small** into any of the user preference screens a message will come up asking you to re-enter a valid value. In order to exit this screen you can either enter a value in the range specified or press the **“Stage / Escape” Key**, which will restore your original value to this menu item and will bring you back to the user name edit screen.
 - Press **“Stage / Escape” Key** to return to the **User Logon Menu** after Editing Users
- 4) **Right Lane & Left Lane User Names.** Once you have entered user names and preferences into the Eliminator Super 2000 you can choose a user for Left & Right Lane.
- Select either the **“Right Lane”** or **“Left Lane”** in the Logon User menu screen and press “Stage / Enter”.
 - **Use the Up or Down arrow key to scroll through the user names.**
 - Choose a User name and Press the “Stage / Enter” Key to save. The Name you chose will appear next to either Left or Right Lane on the Screen. If you choose not to select or change a User press the “Stage / Escape” Key.
- 5) **EXIT LOGON SCREEN:** Press **“STAGE / ESCAPE” Key at any time** to return to the Eliminator practice screen.
- 6) **TURN OFF LOGON FEATURE:** To turn off this feature either **Turn Off** the Eliminator Super 2000 unit or **Select “NONE”** for a User name in the Right and Left Lane User Menus and press “Stage / Enter” to Save.
- 7) **The LOGON Feature:**
- Logon is on when a user name is selected in the “Right Lane” or “Left Lane” menus.
 - It will not turn off if you exit practice mode to change a setting and then re-enter practice mode.
 - When a user is logged on, Reaction Times will be displayed in Perfect Tree format even if Perfect Tree is off in the practice setup screen
 - **RESTORING THE UNIT TO DEFAULTS** will shut Logon off and **ERASE** all User Names and Preferences
- 8) **Practice Screen:**
- When a User is Logged On, the User Name will be shown in the lane that the user is logged onto in place of “Stage Up.”
 - The User’s Dial-In will show below the Name
 - The User’s Delay Box time will show above the Name
 - The Dial-In and Delay Box can be edited in the Practice Screen, but they will not be saved as a User Preference in Logon.

F. “MAIN MENU” Key# 1:

At any time when you are in the practice mode at the “STAGE UP” / “STAGE UP” screen, you can depress the “MAIN MENU” Key to return to the main menu. You can also depress the “MAIN MENU” Key while at the Main Menu to view the serial number and version information. Depress the STAGE / ENTER key or the MAIN MENU Key to return to the MAIN MENU from the information screen.

G. “DELAY BOX” Keys# 0 & 7:

At any time when you are in the practice mode at the “STAGE UP” / “STAGE UP” screen, you can depress “DELAY BOX” keys to change the delay box settings. There is a key for each lane. Use the numeric keypad to enter the numbers, the left / right arrow keys to navigate, the down arrow key (to Reset (then depress enter) or Turn Off (then depress enter)), the STAGE / ENTER Key to save the changes and exit, or the STAGE / ESCAPE key NOT to save the changes and exit.

H. “RESET” Key# 2:

The “RESET” Key is used to manually reset after each race if not in automatic reset mode or to override automatic reset. It is also used to zero out numbers in many of the number edit screens or eliminate a user in the LOG ON screens. It is also used in some screens to reflect a minimum value.

I. “DATE / TIME” Key# 3:

This is only functional if you have a Real Time Clock and is only operational at the main menu. Once you set the date and time, it will keep the correct date and time for the duration of the clock battery life. The RTC is installed at an additional cost.

J. “STAGE / ENTER” Key:

The STAGE / ENTER Key is used to stage up in the right lane, it is used to save and store information, or it is used to step through the different menu items.

K. “STAGE / ESCAPE” Key:

The STAGE / ESCAPE Key is used to stage up in the left lane, it is used to exit without saving information, or it is used to go back to the practice mode from various menu items.

L. “ARROW” Keys:

The Up and Down arrow keys are used to turn various menu items on and off, cycle through the alphabet in user logo on, and to scroll through various menus (up and down). The Left and Right arrow keys are used to navigate in edit mode to different locations where information has to be modified.

2. PRACTICE -- (SETUP)

A. SET ROLLOUTS [NO] – Change to “YES” with the Up or Down Arrow and depress the “Stage/Enter” key to set the rollout. The Default is .320 for a Full Tree and .240 for a Pro Tree.

1. F – ROLL L [.320] – Left Lane Rollout – Use numeric Keypad to Change
2. F – ROLL R [.320] – Right Lane Rollout – Use numeric Keypad to Change
3. P – ROLL L [.240] – Left Lane Rollout – Use numeric Keypad to Change
4. P – ROLL R [.240] – Right Lane Rollout – Use numeric Keypad to Change

Depress the “Stage / Enter” key to Save or the “Stage / Escape” key to exit without saving !

B. SET PREFS [NO] – Change to “YES” with the Up or Down Arrow and depress the “Stage/Enter” key to set Preferences.

1. **Perfect Tree [ON]** -- .000 perfect reaction [OFF] -- .500 / .400 perfect reaction. When "Off", a perfect reaction time is reported as a .400 or .500 time. When "On", the reaction times report as a .000 perfect reaction time and early leaves are reported in negative numbers. A -.001 is equal to a .399 or .499 depending on a Pro or Full Tree.
2. **Reset -- Auto / Manual** -- Use up or down arrow to toggle

Automatic Reset resets in 5 seconds. You can still reset Manually with the button. The Manual reset feature requires that you Depress the Reset button after every test.

3.PRESET [.030] -- Changing the Preset Time to Beat - - This Feature works in Single User only ! The “.030” is added to a perfect Reaction Time as the “TIME TO BEAT”. If you were competing against a .500 Full Tree then the computer would always get a .530 (.030 on a Perfect Tree) Reaction time and in Pro Tree the computer would always get a .430 (.030 on a Perfect Tree) Reaction time. By setting the Pre-Set to .020, the times to beat would be .520(.020 on a Perfect Tree) and .420(.020 on a Perfect Tree) respectively. Use the numeric keypad to enter a Preset Time.

C. SET AUTOSTART [NO] – Change to “YES” with the Up or Down Arrow and depress the “Stage/Enter” key to set Auto Start.

1. **STAGE ON TIME [.900] -- Auto Start** This feature is used by the race track timing system to take into account a flickering stage light when staging. You must be in the stage beam this amount of time in order for it to constitute a stage condition.

2. **STAGE TO START TIME [.700] -- Auto Start** This is the fixed amount of time from when you are staged, until the auto random start is begun. The auto random start is anywhere between .000 and .300 seconds after the stage to start time is finished.

D. SET SHIFT POINTS [NO] – Change to “YES” with the Up or Down Arrow and depress the “Stage/Enter” key to set the 3 Shift Points:

- 1) Shift Point 1 is the first shift point setting and it can range from 0.000 seconds to .500 seconds less than Shift Point 2.
- 2) Shift Point 2 can range from .500 seconds more than Shift Point 1 to .500 seconds less than Shift Point 3.
- 3) Shift Point 3 can range from .500 seconds more than Shift Point 2 to 9.999 seconds.

3. Race / Wx Logging

There is a separate manual that covers Race Weather Logging you will receive when you purchase the Snap-In weather station. The weather station is very accurate and dependable. You can log and store weather for over 24 hours every 3 minutes and store over 150 complete runs of information ! Will you be able to predict what your ET will be at different weather conditions ? Absolutely !

4. Utilities

1. **BACK LIGHT [OFF]** -- All Eliminator Super 2000's have a backlit L.C.D. Display that can be turned on, off, or at 4 different illumination levels. Use the Up or Down arrows to change the setting and the “Stage / Enter” Key to save it and move on in the menu.

Note: Back Light will only go on Lowest Setting when using Batteries.

2. **LED BRIGHTNESS [OFF]** -- All Eliminator Super 2000's have the ability to set the brightness on the L.E.D.'s so that when using at night, it will not over power the user. Use the up or down key to turn them on, off, or at 4 different illumination levels. The “Stage / Enter” Key will save the setting and move on in the menu.

3. **Beta Bright On / Off** -- Use up or down arrow to toggle

This must be turned on when using the optional 2" X 15 Character Color Display. This feature is usually used in conjunction with a Large Christmas Tree. It is best turned off when not in use.

4. **Defaults – No / Yes** – Use up or down arrow to toggle. If you let someone borrow your unit and the settings are completely wrong, you can reset them to the factory settings by using the up arrow key to change the option to “Yes” and then depressing the STAGE/ENTER Key to return all rollout, delay box, dial-ins, presets, etc. to factory settings.

5. **Battery at Start Up on [YES] or [NO]** – Use Up or Down arrow to select and Stage / Enter Key to Save. This feature will show the battery voltage level at start up. It will read for example : Input Voltage 146. This means 14.6 volts D.C. This is a great feature to keep on if you are operating the unit on batteries.

5. DISPLAY MODE

The ELIMINATOR has a display mode for displaying all types of different Tree sequences. This is nice if you have a FULL SIZED Portatree Christmas Tree on display in a showroom, museum, or sales booth. If you have a Large External L.E.D. display, then a special advertising message can also be displayed.

At the Main Menu, depress the up / down arrow keys until you see "DISPLAY" highlighted and then depress "STAGE / ENTER" Key to begin the display mode. In order to return to the MAIN MENU, you must wait until you see Reaction Times on the screen and then depress the "RESET" Key.

6. TRACK MODE

At the Main Menu, depress the down arrow key until you have "TRACK" highlighted and then depress the STAGE / ENTER key. **Test Track 1, 2, and 3** are used as listed below. Use the Up / Down arrow key to select which option you wish to enter and then depress the STAGE / ENTER Key. There is a special Auto Start with fixed delay which is not in Practice.

1) **Test Track 1**, which is a starting line only for 2 Lanes (Prestage & Stage).

2) **Test Track 2** provides a Start and Finish in 2 Lanes with Reaction Times and Elapsed times and Win Lights.

4) **Test Track 3** is Single Lane only and provides Reaction Time, 60 Foot Time, Mid Track Time (or M.P.H. but not both), and Elapsed Time.

If you have purchased a Test Track from PORTATREE, then a special instruction sheet and video covering all aspects of the Test Track features will be included.

7. DIAGNOSTICS

If you are experiencing difficulties with the Eliminator Super 2000, then you can call us at 508-278-2199 Ext. 508 and we will use this diagnostics tool to help us troubleshoot your unit. You can experiment yourself in this section. It shows battery voltage, does an LCD screen test, and lets you test the membrane switch and L.E.D's.

8. REAL TIME CLOCK (RTC)

If you have purchased the optional RTC (Real Time Clock) then you will be able to set the correct time or modify the time to display correctly in your time zone. Depress the "Date – Time / 3" Key at the main menu. The Eliminator 2000 Super will read the current time that is in the RTC. You can edit the time using the "UP" or "DOWN" arrow keys and move to another field by using the "RIGHT" or "LEFT" arrow keys. Save by using the "Stage/Enter" key and exit without saving by using the "Stage/Escape" key.

9. TROUBLE SHOOTING

Trouble Shooting can be done by telephone by calling **1-508-278-2199**. If we can not get you up and running by phone, you will be instructed to send your unit back for testing and repair.

- A) **Most Common Problem** - - The most common problem is low batteries. The second most common problem is improper Rollout Settings. The third most common problem is someone letting a friend use their **ELIMINATOR** and the settings are changed when it returns. The LOG ON feature will definitely help in reducing problems related to letting a friend use your unit.
- B) **Resetting Factory Settings** – You can reset the factory settings by going to the MAIN MENU and Highlighting "UTILITIES" and then depressing the STAGE/ENTER key until you see DEFAULTS [No]. Use the Up arrow key to change to "Yes" and then depress the STAGE/ENTER Key. This will automatically reset all settings to the original settings set at the factory.

C) When to Send the ELIMINATOR to Portatree for Repair. If your unit does not power up it will definitely have to come back for repair. Most other problems are related to improper settings and can be remedied by calling Portatree at 1-508-278-2199 for help.

10. BATTERY USE AND CHANGING

The batteries **WILL NOT** be charged by the Wall Transformer that was supplied with your **ELIMINATOR**. The batteries are used to power the **ELIMINATOR** when you are not using the 110 volts A.C. Adapter or a Cigarette Lighter Adapter.

A) To Change Batteries: Remove the back cover of the **ELIMINATOR** (4 screws). The Batteries will be located at the bottom and you can use 1 or 2 -- new 9 Volt Alkaline batteries. Two batteries will last about twice as long as one.

B) Low Batteries: If your **ELIMINATOR** only displays 4 lights in the LEFT lane when turned on (2 ambers, green, and red) then you have bad batteries. If the unit resets (STARTS OVER) after you run a race, then you probably have low batteries. Try the A.C. Adapter supplied with the unit or the Cigarette Lighter Adapter accessory available from Portatree to verify.

C) When using a Full Size Tree: When using your Full Size Christmas tree you must **use the Wall Transformer supplied with your Eliminator or the cigarette lighter adapter shipped with your tree to power up your Eliminator**. The Eliminator powered up with 2 - 9 Volt Alkaline Batteries will not drive your Full Size Tree.

11. HOME USE WARRANTY

Portatree Timing Systems, Inc. warrants the **ELIMINATOR** for one year against any defects that are due to faulty material or workmanship. All Test Track systems including photo cells, cables, connections, etc. are warranted for thirty (30) days. Please return the complete unit, transportation and insurance prepaid, to the seller or direct to Portatree Timing Systems, Inc. for free replacement or repair at our option (Proof of purchase may be required). This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact: (508)278-2199

Portatree Timing Systems, Inc. - 594 Blackstone Street - P.O. Box 206
Uxbridge, MA 01569

NOTE: Every unit sent back for repair must have a note describing the problem, a contact telephone number, and a complete return address.

YOUR WARRANTY WILL BE VOID: IF YOU TRY TO CONNECT YOUR TRANSBRAKE OR LINELOCK WITHOUT PORTATREE'S TRANSBRAKE VEHICLE ADAPTER. 12 Volts inputted through the Stage Port will destroy the microprocessor. This will cause the **ELIMINATOR** to stay on "PRACTICE" even when you depress "START". You will be charged for this repair.

12. HOLD HARMLESS

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