NewBold **NP** *Products*

INFORMATION SHEET FOR DTX000 TIMERS

Thanks for your interest in our Pinewood Derby Timers. We have two main product lines, the DTX000 and the TURBO. This information sheet pertains to the DTX000 product line only. All products are currently available and usually in stock.

DT1000 Digital Timer Information

This timer is basically for a single lane. The DT1000 gives you the time for a single lane in milliseconds. Many have used it to practice on their tracks before the race in order to adjust the car by sanding, adding weights, etc. Groups have gotten together and each purchased one and then combined them for the race day for two and three lane races. Others use it for science fair projects. It is upgradeable in the future to the DT2000 or DT8000 if you ever decide to use it on more than one lane. You will receive the Timer, start switch, 1 optical sensor for the finish line, and instruction manual

DT2000 Digital Timer Information

This timer is for one or two lane tracks. On a two lane track, it gives the Times and Order of Finish for both lanes. It is upgradeable in the future to the DT8000 if you ever decide to use it on more than 2 lanes. You will receive the Timer, Starter Switch and cable, 2 Finish Line Sensors with cables, 9V battery, Operational Manual, and cable mounts, ties, and labels.

DT8000 Digital Finish Line/Timer Information

This timer can be used for 1 - 8 lanes! Each timer comes with equipment to handle 3 lanes. If 4 or more lanes are required, you can purchase additional sensors for an additional amount per lane. The DT8000 times to a resolution of 0.1 ms (.0001 seconds).

The DT8000 has 3 Basic Operating Modes which are available on the handheld unit with no computer required:

Mode 1:
Times single lane (similar to the DT1000) for developing the car. Elapsed time is displayed on the handheld unit.
    Example Display: "2.4532"

Mode 2:
Times 2 lanes and gives the Winning Lane Number and Elapsed Time on the handheld display of the timer.
    Example Display: "2   2.4532"

Mode 3:
Times 2 to 8 lanes and gives the Order of Finish for all lanes.
    Example Display: "2 1 4 3" for a four lane track.

Computer Interface:

The DT8000 has an **Optional Computer Interface** that allows you to receive some additional information when Operating in either Mode 2 or 3. This information can then be displayed for a large crowd to see on a large computer monitor, a big screen TV or an LCD Projector. Information on how this can be done is provided in the Operator's Manual for the DT8000 and also online on our web site.

Mode 2 using Computer Interface:
The PC will show each lane's time, in the order that they finished.
    Example Display: "2   2.4532   1 2.2345"

Mode 3 using Computer Interface:
The PC will show up to 8 lane's times in the order that they finished.

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All Of Our Products Have the Following Specifications:

-Timing to .1 millisecond (.0001 sec)

-Liquid Crystal Display and highly accurate 1 MHz clock

-Optical start and stop sensors are included with the timer. These sensors install into the track.

-Starting switch to connect to starting lever and 9V Battery included

-No extension cords or computers required! (PC interface capability is included with the product but not necessary)

-You must provide a light above the stop sensor at the end of the track. Some have used "snake flashlights" for the light source. The best solution is a 60W incandescent light bulb.

-Simple to use and Install - comes with easy to follow instructions. 30 - 45 minute installation time is all it takes!

-Small, handheld design which is easy to install and use

-Comes in a durable and portable plastic case

-Fits any track, regardless of length, width, or lane spacing

-Can use on Multiple Tracks because it is easily removed and transported

-Fully assembled and guaranteed

-DerbyTV add-on allows you to display your results on a TV for everyone to see without the need for a computer.

- Or, go high-tech and purchase Race Management Software. We are compatible with RaceVIEW, Grand Prix Race Manager and DerbyMaster Software. All three programs allow you to perform Race Management Techniques with the DT8000. DerbyMaster also works with the DT2000. We are able to sell any of these software programs when you purchase any of our products, so you can get everything you need from one place.

-We sell a custom carrying case that is perfect for keeping all your DT8000 timer equipment together.

- Our DerbyPaks allow you to purchase a complete system package at a discounted price.

-Shipping is extra and depends on how fast you want to receive the timer. When you order online, the shipping price is calculated based on your zip code so you aren't charged more than is necessary. We ship via United States Postal Service or Federal Express.

-We accept VISA, MasterCard, Discover, Check, COD, and money orders - we usually are able to ship within two-four business days after receiving your payment. No waiting to get your timer!

-We have a simple 90-day money back guarantee and 5-year parts and labor warranty period.

-Our web site, www.newboldproducts.com, details how the timers can be used with a larger screen display, Frequently Asked Questions, other specs, pictures and online manuals.

 Dimensions of each DTX000 series timer:
-Unit Dimensions: 5.1" W by 9.2" H x 1.4" D
-Display Dimensions: 3.5" W x .8" H
-Digits' Dimensions: .5" tall

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