

INFORMATION SHEET FOR TURBO

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 TURBO product line only. All products are currently available and usually in stock.

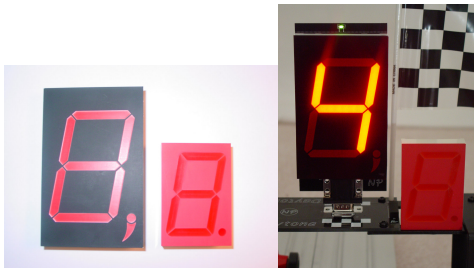
The TURBO is a totally new concept in PWD timing systems. This is the only timer on the market that provides an over-track results display that is expandable without requiring a full system replacement. You can start with a 1lane system and upgrade it up to 8 lanes whenever you need to. You can also upgrade the system to be double-sided, add built-in USB support, and add our exclusive [DerbyTV](#) interface.

The TURBO timer is the result of more than 2 Years of engineering development. We considered everything in building this system: functionality, ease of installation, software support, ability to upgrade, results display, and perhaps most important COST. We built a full-featured timer that is fully upgradeable and still lower in cost than our competition.

The TURBO is Different from ALL Others in these Seven ways:

Display	3 inch tall super-bright red LEDs over each lane
Configurable	You can configure the system to work on multiple tracks from 1 to 8 lanes. Just add additional Bridge and Lane Module components as required. Works on tracks that are 3.5", 3.75" or 4" lane spacing.
Interface	Includes RS-232 PC interface standard, not as an expensive option (it's not an expensive part of any timer we offer).
USB	Optional built-in USB interface
No Computer Solution	Get times for all lanes without using a computer interface.
TV Option	Supports our DerbyTV card. No one else has our direct TV interface.
Double Sided View	Supports affordable upgrade to Double-sided viewing.

Key Feature: Others cannot match our 3inch display. They brag about 2.25" digits. The TURBO display is 33% larger. Shown below, our 3" display on the left and their 2.25" display on the right. Big Difference!



NewBold Products

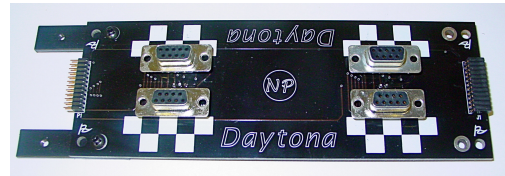
What Makes Up The TURBO?

Timer Module



- Displays Time for winning lane or all lanes, you can select!
- User selectable to automatically cycle through all times or manually cycle through times using Reset press. Get all times without using a PC!
- Lane display indicates which time lane applies to
- Standard Computer Interface, supported by GPRM, DM, and RV or with PC and free terminal such as Hyperterminal.
- Optional Computer Interface via built-in USB (inside the TURBO, not an adapter)
- Optional support for [DerbyTV](#), user upgradeable at any time
- Upgradeable to 8 lanes
- Provides power to IR light sources, installed in each lane, facing up towards Bridge Module.

Bridge Module



- Each Bridge supports 2 lanes.
- Bridge designed for 3.5", 3.75" or 4" lane spacing (other lane spacing can be supported, call us for information). This measurement is found by measuring from the center of each lane to the center of the next lane at the finish line. Most standard tracks are either 3.5" or 4".
- Provides connections for up to 4 Lane Modules, 2 facing each side. Add additional Lane Modules to make the display double sided.
- Has IR Phototransistor for each lane.
- Brackets supporting Bridge Modules are 5" tall and have holes in them for mounting to a piece of plywood on the floor.

Lane Module



- 3 inch Order of Finish Display centered over each lane.
- Super bright red 7-segment LED
- Use one for single sided viewing or two for double-sided

Pricing

TURBO-1 Lane	\$175	TURBO-4 Lane	\$294	TURBO-7 Lane	\$412
TURBO-2 Lane	\$223	TURBO-5 Lane	\$341	TURBO-8 Lane	\$436
TURBO-3 Lane	\$270	TURBO-6 Lane	\$365		
Extra Bridge Module	\$23	Extra Lane Module	\$24	Extra IR Emitter	\$9

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