



GEN7 SERIAL SWIM TIMING



Gen7 is the next generation in swim timing & scoring.
U.S. patent numbers 10,137,353 & 11,192,016

Key Features:

Intuitive software interface

The Gen7 timer features a modern Windows user interface and is touchscreen friendly.

Flexible user interface options

A Windows laptop or tablet is the primary interface with connectivity to the timer via Ethernet. The Gen7 timer can be placed at the timing table for a meet, or left in a secure office space and connect to the timing system via an office wallplate.

Accurate, easy, and efficient pre-meet set up

- Color coded and keyed cable connections
- Volunteer friendly
- Course configurations are validated with in-deck connections

Simple, robust bulkhead connectivity

Gen7 sets a remarkable new standard for connecting your bulkhead to the timing system. The wet-pluggable floor plates for both pool side and in the bulkhead mean you no longer need to attempt the challenging chore of keeping bulkhead connections dry and corrosion free.

Race finish safeguard

All timing data is logged and saved on the Gen7 timer. Any issues with the user interface (laptop or tablet) are recoverable. The timer will continue running and will finish a race without the user interface.



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GEN7 SERIAL SWIM TIMING

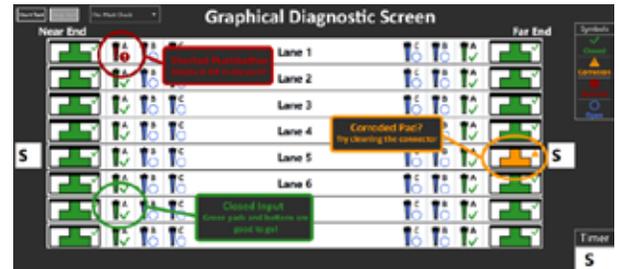


The Gen7 infrastructure is unparalleled. The innovative, intelligent bus communication system allows you the flexibility to design the best location(s) for all of your connections.

Key Features (cont):

Advanced diagnostics

- Integrated pre-meet diagnostic screen to check system set up and health, eliminating the need to set up a meet in the timer to run test races.
- Be proactive with equipment maintenance: discover possible corroding connections throughout the timing system, and mitigate the effects of corrosion until the component can be repaired or replaced.



Connect hubs

- Each type of connect hub is uniquely keyed and color coded to ensure that each component is connected in the right place.
- Perform checks twice a second to see if there is a connection at its location. Corrosion-free titanium connections.
- Minimal maintenance; simply remove any debris that gets in the connect hub. Each hub comes with a screw-on cap to keep debris out; no chemical cleaning. Floor plates are power washable.
- Connectors are wet-pluggable, purging the water out of the connect hub while making a superior connection.
- Timer, start system, scoreboard, and bulkhead connect hubs can be mounted in-deck or in wallplates.

Each connect hub has built-in intelligence to test and report input connections and features on-board memory that records pertinent data for troubleshooting.



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Gen7 reduces the cabling required and allows your facility to utilize convenient 1.5" conduit.

Titanium deckplates (US patent no 8,602,815)

Titanium jacks

Corrosion free from pool water chemicals like chlorines or bromines

Unique domed topography

- Protects banana plugs
- Peaks and valleys let the water flow off, dramatically limiting corrosion through electrolysis
- Better signal, less corrosion
- Smooth edges
- Will not yellow in the sun

Integrated speedlight connection

- No speedlight harness necessary
- Robust plug combining speedlight and relay judging signal

Unprecedented 5-year warranty



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**COLORADO
TIME SYSTEMS**
A PLAYCORE Company



GEN7 SERIAL SWIM TIMING



Gen7 incorporates the latest technology with all of the key features you have come to expect from your Colorado Time Systems' timing consoles.

Wallplates

Feature LED indicators that provide system status at a glance.



Key enhancements

- Graphical user interface allows for dynamic course layouts. Layouts can be changed on the timer without moving any cables or equipment; eliminating the need to designate different wallplates for different courses
- Turn off unused inputs and unused lanes, thereby saving power
- Simultaneous race support allows you to run two or more courses at the same time using separate Windows PCs or tablets and just one timer
- Expanded printer support; use any printer connected or networked with your Windows PC or tablet
- Automatically searches for software updates each time it is used

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Feature comparison

	System 6 Timing Console	Gen 7 Serial Timer
User Interface	Console	Ethernet to Windows laptop/tablet to timer
One timer for multiple races	No	Yes
Simultaneous courses	1 course at a time	Up to 4 courses with one timer
Change pool configuration without unplugging timer	No	Yes
In-deck system flexibility	Multiple courses can be hard wired	Smart wallplates and deckplates
In-deck connectivity without wallplates	No	Yes, can replace tombstones in outdoor installations with floorplates
Software updates	Ethernet to Console	Ethernet to user interface; user interface updates timer
Diagnostic capability	Pad short indication	Enhanced diagnostics
Network connectivity	Only updates via Ethernet	Ethernet
Backup timing	Second timer required	Timer finishes race without user interface if necessary (race replay with raw data)
3rd party meet management software connection	Serial	USB or Ethernet
Integrated start & speaker input	No	Yes
Scoreboard compatibility	Light-reflective, LED numeric, and LED video displays	LED numeric and LED video displays
Printer	Parallel or USB PCL	Any external printer via laptop/tablet (USB or network)
Certification	cULus, FCC	cULus, FCC, RoHS

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Part numbers and accessories:

GEN7-TMR: Gen7 Timer

R-920-05x: Power Supply - UL Type A (United States & Canada), CE Type C (Europe), CE Type G (UK), or CE Type I (Australia, China, etc.)

R-600-302: Laptop for user interface

USB2USB: USB to USB COUPLER to connect meet management computer to Gen7 interface (laptop)

R-470-117: Gen7 Swimming software

R-470-118: Gen7 Swimming software maintenance

Connect hubs: Timer, Starter, Bulkhead, Scoreboard, Titanium Deckplates

Wallplates

Connection cables: Starter, Scoreboard, Bulkhead, Timer

Cable harnesses: Up to 20 lanes

Touchpad systems:

Includes primary cable harness, touchpad manual, one PB-6 per lane plus one spare, touchpad meter and vacuum pump. Touchpads are sold separately.

TP-GEN7-6: 6-lane Gen7 serial touchpad system

TP-GEN7-8: 8-lane Gen7 serial touchpad system

TP-GEN7-10: 10-lane Gen7 serial touchpad system

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