



Colorado Time Systems - Maintenance Checklist

Product	Maintenance	Before Each Use	After Each Use	Monthly	Start of Season or when needed	End of Season (Extended Storage more than 3 months)
Start Systems						
	Check Microphone audio levels, start signal, strobe and speaker output	✓			✓	✓
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Flush all cable connectors that were in contact with pool water with FRESH water and let dry		✓			
	Infinity and Champ: Connect charger and charge batteries for 12-24 hours (switch power OFF)		✓		✓	
	Pro and Elite: Charge for 4-6 hours		✓		✓	
	Clean all connectors using 90+% Isopropyl alcohol and a cotton swab. Protect connectors with Strikehold spray.			✓	✓	✓
	Follow charging procedure according to product manual					✓
Cable Harnesses						
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Protect connectors with Strikehold spray	✓		✓	✓	✓
	Test cable for proper operation	✓			✓	
	Flush all lane connectors (Prime / A / B / C / Start / Backup Start) with clean FRESH water (not pool water)		✓			
	Clean all connectors using 90+% Isopropyl alcohol and a cotton pipe cleaner.			✓	✓	✓
	Inspect 50pin connector hoods, replace if cracked.			✓	✓	✓
Wall Plates						
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓		✓	✓	✓
	Test wall plate for proper operation.	✓		✓	✓	
	Clean all connectors using 90+% Isopropyl alcohol and a soft nylon brush (toothbrush) or cotton swab. Protect connectors with Strikehold spray - EXCLUDING THE FIBER CONNECTION!			✓	✓	✓
Deck Plates						
Titanium Deck Plates						
	Check connectors for debris and carefully remove if present.	✓			✓	
	Protect connectors with Strikehold spray.			✓	✓	✓
Deck Plates and Quick Connect Underblock Connectors						
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Test Deckplate for proper operation.	✓			✓	
	Flush all connectors with clean FRESH water (not pool water) and lubricate connectors with Dow #111 or equivalent dielectric grease.		✓			
	Clean all connectors using 90+% Isopropyl alcohol and a cotton pipe cleaner and lubricate connectors with Dow #111 or equivalent dielectric grease.			✓	✓	✓
Quick Connect Deck Plates						
	The deck plate should be covered with or connected to one of the following at all times: * Blue deck plate plug * Cable to connection hub under the starting block * Terminator plug	✓	✓	✓	✓	✓
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Flush all connectors with clean FRESH water (not pool water) and lubricate with Dow #111 or equivalent.		✓			
	Lubricate connectors with Dow #111 or equivalent dielectric grease			✓	✓	✓

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Relay Judging Platform - RJP						
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Inspect grip surface for wear or damage	✓	✓		✓	✓
	Test for proper operation	✓				✓
	Clean connectors using 90+% Isopropyl alcohol and a cotton pipe cleaner. Protect connectors with Strikehold spray.			✓	✓	✓
Touchpad						
	Check connector prongs for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	If equipped with Aquagrip, inspect for peeling	✓			✓	✓
	Check for proper switch operation	✓			✓	
	Flush all connectors with clean FRESH water (not pool water)		✓			
	Clean all connectors using 90+% Isopropyl alcohol and a cotton swab. Protect connectors with Strikehold spray.			✓	✓	✓
Timers and controllers (System 6, Gen7, WTTC)						
	Inspect the cable connectors on the back panel.	✓			✓	✓
	Clean all connectors using 90+% Isopropyl alcohol and a cotton swab (see manual for details). Protect connectors with Strikehold spray.			✓	✓	✓
	Update timer firmware and software. https://www.coloradotime.com/sware.htm			✓	✓	✓
	Clean device and if applicable inserts according to manual instructions				✓	✓
Cables						
	Ensure all connectors mate snugly. Connector prongs that are broken fit loosely; replace if needed.	✓		✓	✓	✓
	Flush all connectors that were in contact with pool water with clean FRESH water		✓			
	Clean all connectors using 90+% Isopropyl alcohol and a cotton swab (see manual for details). Protect connectors with Strikehold spray.			✓	✓	✓
	Protect connectors with Strikehold spray			✓	✓	✓
Scoreboard						
	Verify operation of all scoreboard digits by using the test mode on the timer.	✓			✓	✓
	For units with batteries: connect charger and charge batteries for 12-24 hours w/power switch off		✓		✓	✓
	Inspect the scoreboard data cable connectors for corrosion and broken or frayed wires.				✓	✓
	Clean all connectors using 90+% Isopropyl alcohol and a cotton swab. Protect connectors with Strikehold spray.			✓	✓	✓
LED Matrix						
	Verify video operation of display by using a stored animation from the DisplayLink Plus Library	✓			✓	✓
	Verify data operations by using a Swimming template and simulating a swim event on the timer.	✓			✓	✓
	Update Displaylink Software. https://www.coloradotime.com/sware.htm			✓	✓	✓
	Inspect the scoreboard data cable connectors for corrosion and broken or frayed wires.				✓	✓
	Inspect the scoreboard fiber data cable connectors for signs of damage; replace if needed.				✓	✓
	Cleaning and maintenance according to manual (air filters, voltage diagnostics, communication,...)				✓	✓
	If there is a DisplayLink desktop PC, have your IT department clean it inside					✓
Printer						
	Inspect the printer cable connectors for corrosion and broken or bent pins, clean and replace as needed	✓			✓	✓