



Colorado Time Systems - Maintenance Log

Product	Maintenance	Before Each Use	After Each Use	Monthly	Start of Season	End of Season (Extended Storage)
Start Systems						
	Connect charger and charge batteries for 12-24 hours (switch power to the OFF (0) position)		✓		✓	✓
	Check Microphone audio Levels	✓			✓	✓
	Check Microphone start signal	✓			✓	✓
	Check Flash Strobe on start signal	✓			✓	✓
	Check Speaker output	✓			✓	✓
	Clean all connectors using alcohol and a cotton swab.	✓			✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease		✓			
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
Cable Harnesses						
	Clean all connectors using alcohol and a cotton pipe cleaner.		✓		✓	✓
	Flush all lane connectors (Prime / A / B / C / Start / Backup Start) with clean FRESH water (not pool water)		✓		✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease (Hang in a dry location)		✓		✓	✓
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Test cable for proper operation	✓			✓	✓
Wall Plates						
	Clean all connectors using alcohol and a soft nylon brush (toothbrush) or cotton swab			✓	✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease - EXCLUDING THE FIBER CONNECTION!		✓	✓	✓	✓
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.		✓	✓	✓	✓
	Test wall plate for proper operation	✓		✓	✓	✓
Deck Plates						
Titanium Deck Plates						
	Check connectors for debris and carefully remove if present. Do not use abrasive equipment, material or chemicals	✓				
Deck Plates and Quick Connect Underblock Connectors						
	Clean all connectors using alcohol and a cotton pipe cleaner.			✓	✓	✓
	Flush all connectors with clean FRESH water (not pool water)		✓		✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease		✓		✓	✓
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Test Deckplate for proper operation	✓			✓	✓
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		✓		✓	✓
	Flush all connectors with clean FRESH water (not pool water)		✓		✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease		✓	✓	✓	✓
	Check connector prongs and receptacles for corrosion and clean or replace connectors as necessary.	✓			✓	✓



Colorado Time Systems - Maintenance Log

Product	Maintenance	Before Each Use	After Each Use	Monthly	Start of Season	End of Season (Extended Storage)
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	✓	✓		✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease		✓	✓	✓	✓
	Test for proper operation	✓			✓	✓
Touchpad						
	Check connector prongs for corrosion and clean or replace connectors as necessary.	✓			✓	✓
	Check for proper switch operation	✓	✓		✓	✓
	Clean all connectors using alcohol and a cotton pipe cleaner.		✓		✓	✓
Timer						
	Inspect the cable connectors on the System 6 back panel.	✓			✓	✓
	Clean all connectors using alcohol and a cotton swab (see manual for details).		✓		✓	✓
	Clean the LCD window with a clean damp soft microfiber cloth.	✓			✓	✓
	Update timer firmware and software. http://www.coloradotime.com/sware.htm			✓	✓	✓
	Clean sport keyboard overlays with a mild detergent, dry thoroughly before inserting in timer.	✓			✓	✓
Cables						
	Ensure all connectors mate snugly. Connector prongs that are broken fit loosely; replace if needed.	✓		✓	✓	✓
	Clean all connectors using alcohol and a cotton swab (see manual for details).		✓		✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease.		✓		✓	✓
Scoreboard						
LED Numeric Scoreboards & Pace Clocks						
	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 alcohol and a cotton swab.				✓	✓
	Verify operation of all scoreboard digits by using the test mode on the timer.	✓			✓	✓
	Lubricate connectors with Dow #111 or equivalent dielectric grease				✓	✓
LED Matrix						
	Inspect the scoreboard data cable connectors for corrosion and broken or frayed wires.				✓	✓
	Verify video operation of display by using a stored animation from the DisplayLink Plus Menu	✓			✓	✓
	Verify data operations by using a Swimming template and simulating a swim event on the timer.	✓			✓	✓
	Check and clean air filters				✓	✓
	Inspect the scoreboard fiber data cable connectors for signs of damage; replace if needed.	✓			✓	✓
Printer						
	Inspect the printer cable connectors for corrosion and broken or bent pins.	✓			✓	✓
	Clean or replace as necessary.	✓			✓	✓