



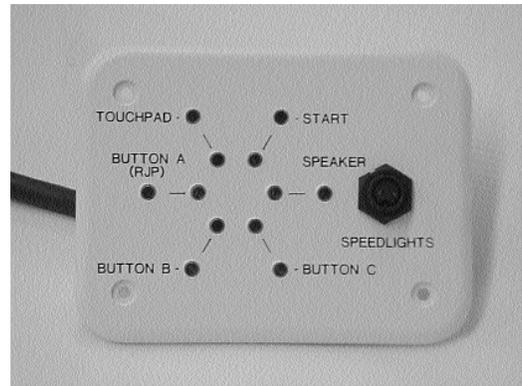
Regular Maintenance & Cleaning for Deck Plates, Cable Harnesses and Wall Plates

The key to making your Colorado Time Systems equipment last and run trouble-free is regular cleaning and maintenance. The steps are quite easy; the secret is to do them consistently so that corrosion does not have a chance to begin to form.

Cable Harness and Deck Plate Sockets



Cable Harness



Under-block Connection Hub

Materials needed:

100% cotton pipe cleaners (available at most drug stores)

Isopropyl alcohol

Dielectric grease (Dow Corning #111 or equivalent – available at most hardware stores)

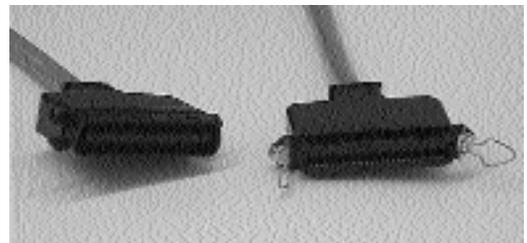
Clean FRESH water (not pool water)

Soft cloth

Soft toothbrush

Before each use:

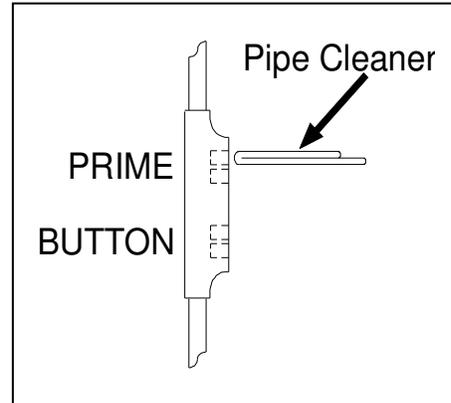
1. Make sure that you have a small amount of dielectric grease in each banana jack of the cable harness pods or the deck plate, so that when you push in the banana plug a small amount of grease pushes out of the hole.
2. Use a soft toothbrush and alcohol to clean the 50-pin connector that connects to the back of your Sports Timer or wall plate.
3. If you have the Quick Connect deck plate with speedlight connector (pictured above), use the soft toothbrush and alcohol to clean the speedlight connector.



50-pin connectors

After each use:

1. Use isopropyl alcohol and a pipe cleaner to clean out each banana jack of the cable harness pods or the deck plate. Once you have cleaned them, flush with clean water. Next, dab a small amount of dielectric grease into each hole and then work a banana plug in and out to get the grease into each banana jack.
2. Hang your cable harness on a rack (a sturdy garden hose hanger works well) so that it will not be sitting in water until you need it again. **DO NOT** store your cable harness in a plastic bag or bin – it must be allowed to dry.



Touchpad, start system and back up button banana plugs

1. After each use, use a soft cloth to wipe off any excess dielectric grease from the connectors. Inspect each connector. If it needs cleaning, use the isopropyl alcohol and a clean, soft cloth to clean it.

Wall Plate Sockets

After each use:

1. Use isopropyl alcohol and a soft toothbrush to clean the wall plate by gently rotating the toothbrush bristles in and over the connection sockets. Lubricate all of the connectors with dielectric grease **EXCEPT THE FIBER OPTIC CABLE (SCBD DATA) CONNECTION.**

Last Resort-

If for some reason your banana plug connections, or the banana jacks of the cable harness pods or deck plates acquire any kind of lime scale or calcium build up, use a diluted (50-50) solution of Lime Away or CLR (calcium-lime-rust) cleaner and a pipe cleaner to remove the buildup:

1. Dip pipe cleaner folded in half in diluted solution of Lime Away or CLR cleaner and twist into socket.
2. Clean thoroughly by rotating the pipe cleaner in the socket.
3. Flush with plenty of clean, fresh water (not pool water).
4. Use a clean, dry pipe cleaner to soak up excess water in the socket.
5. Finally, dab a small amount of dielectric grease into each hole and then work a banana plug in and out to get the grease into each banana jack.
6. Wipe the excess grease from the banana plug with a clean soft cloth.

WARNING: DO NOT use Lime Away or any CLR cleaner as a standard cleaning solution for banana jacks. **NEVER** use these chemicals for wall plates, speedlight connectors or 50-pin connectors.

Failure to clean as directed will dramatically shorten the life of your equipment.