Timer System Setup
FXE Swim Team

May 12, 2018

FXE Racquet and Swim Club

Setup

We use the Colorado Timing system with 2 plungers per lane.

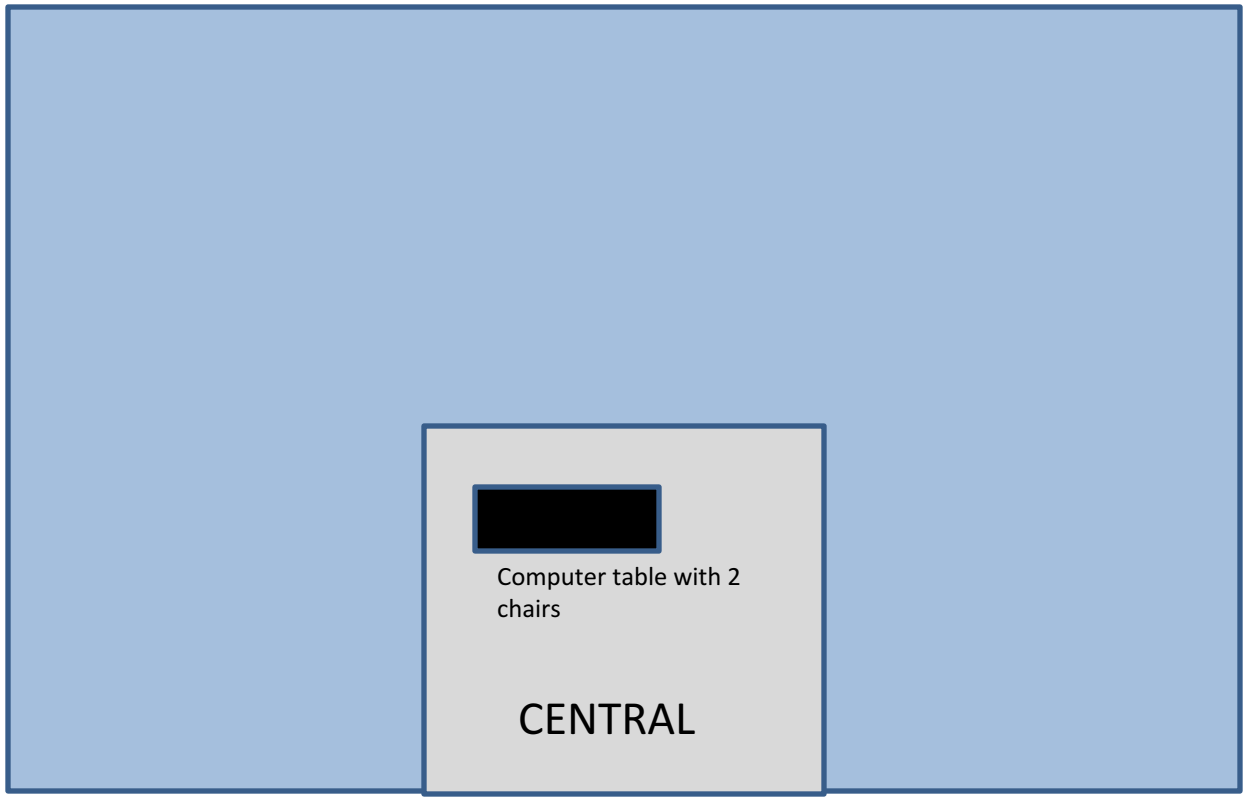
When you start setup you will find:

1. Colorado Timing System Grey Suitcase
2. 2 Green bins (Left and Right equipment)
3. 1 Blue Bin (Starting system Equipment) Not pictured. All extension cables in this box.
4. 1 tripod for the starter
5. 2 folding chairs
6. 1 folding table
7. Mats to put on top of cabling in high foot traffic zones.

Pool Layout for Timing System

Not to scale

STARTER ON TRIPOD



LEFT SIDE *(Blocks Side)*

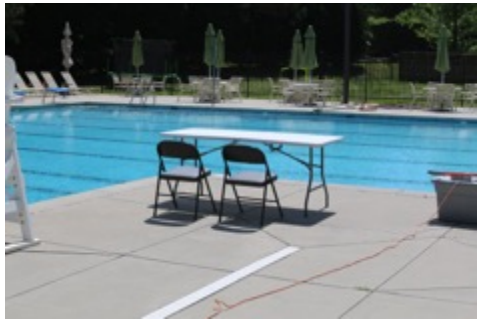
RIGHT SIDE *(Non Blocks Side)*

Water Slide

Club house

Step 1: Central Setup

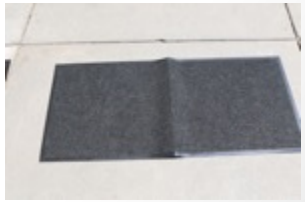
1. Place table and 2 folding chairs off to left center as shown. Leave at least one chair width between the table and the edge of the pool.
2. Move a umbrella for central computer table. (Not Pictured)



3. Plug in extension cord at club house near window and run to table. Connect green multi prong to it.

4. Take out timing system and place on table on the right side.

5. Lay Mats where needed on cables in high foot traffic zones.
6. Plug in timing system. Do not turn on.



Step 1: Right Side Non Blocks side Setup

1. Right side bin contains

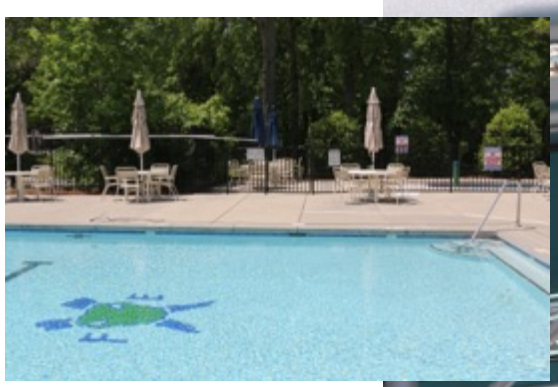
    1. Large grey extension cable: R BLOCK EXT C
    2. Large grey cable to connect plungers (R BLOCK C)
    3. Black box to place cable connectors in for water proofing
    4. 6 lane bags of plungers. Each bag has 2 plungers
    5. Lane 1: 1R1 1R2
    6. Lane 2: 2R1 2R2
    7. Lane 3: 3R1 3R2
    8. Lane 4: 4R1 4R2
    9. Lane 5: 5R1 5R2
    10. Lane 6: 6R1 6R2

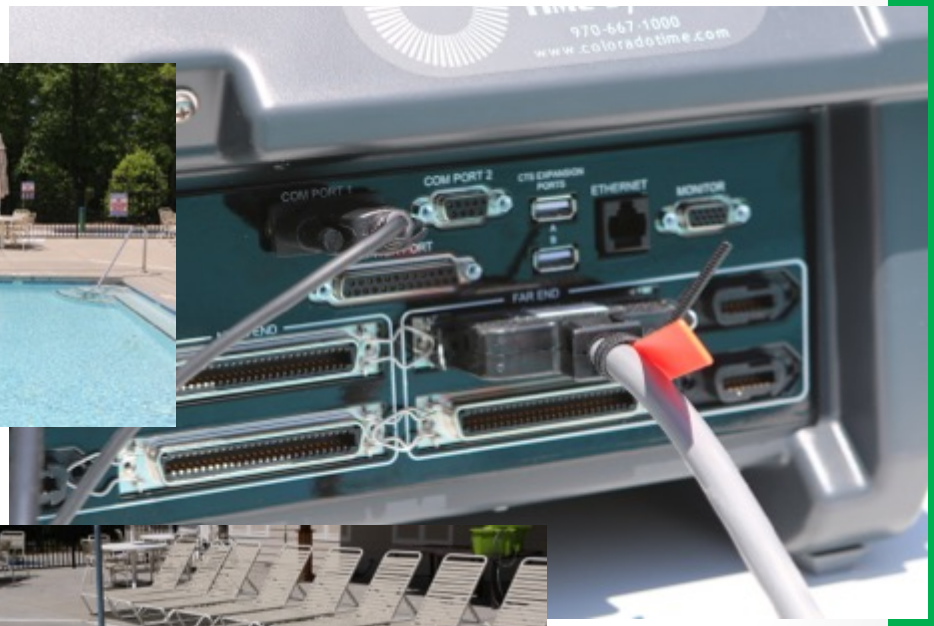
Step 1: Right Side Non Blocks side Setup (Cont.)

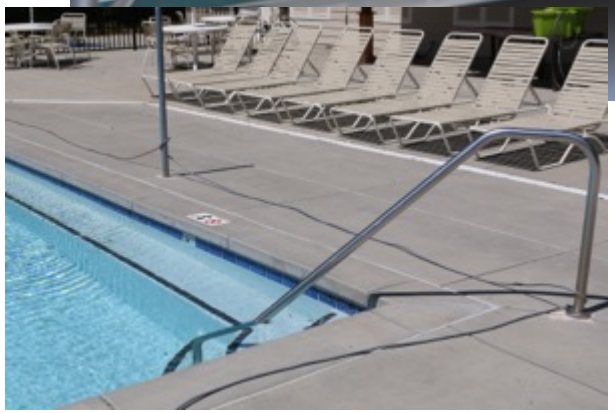
1. Start with R BLOCK EXT C. Hook into colorado timing system on the folding table in the central side (Far End top) and run around right side of pool
2. Take R BLOCK C.
3. Connect 2 grey cables R BLOCK C and R BLOCK EXT C.
4. Place connectors in water proof black box and close.
5. Right side does NOT have a start/stop. So you can ignore the Start Stop connection.
6. The grey cable R BLOCK C HAS 6 places for each lane line to connect plungers.
7. Place the 1 connection on Lane 1, 2 on Lane 2 and so on to lane 6.
8. Take 2 plungers and connect them to the corresponding lane number.

Step 1: Right Side Non Blocks side Setup (Cont.)

1. Start with R BLOCK EXT C. This is a simple extension cable so we can reach the Far End. Hook into colorado timing system on the folding table in the central side (Far End top) and run around right side of pool.







Step 1: Right Side Non Blocks side Setup (Cont.)

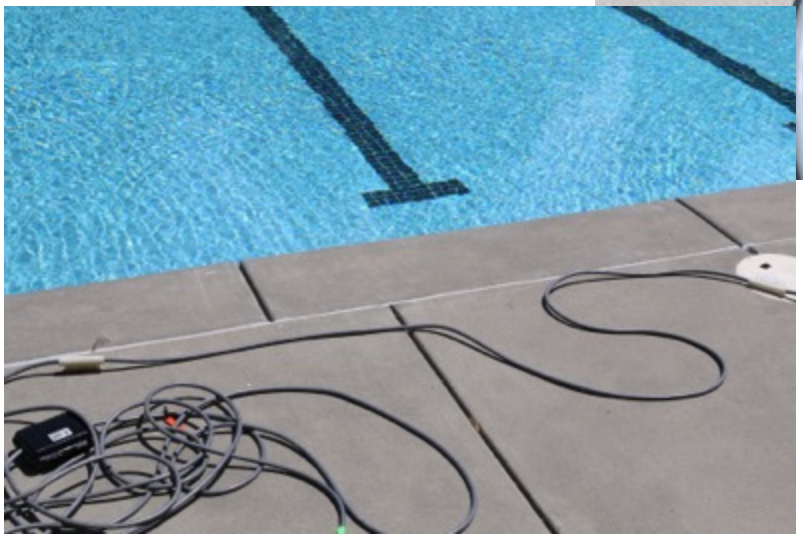
2. Take R BLOCK C. This cable has connectors for each lane.

Step 1: Right Side Non Blocks side Setup (Cont.)

3. Connect R BLOCK C and R BLOCK EXT C. using black connections.

Step 1: Right Side Non Blocks side Setup (Cont.)

4. Place connectors in water proof black box and close



Step 1: Right Side Non Blocks side Setup (Cont.)

5. Right side does NOT have a start/stop. So you can ignore the Start Stop connection.

Step 1: Right Side Non Blocks side Setup (Cont.)

6. Place the 1 connection on Lane 1, 2 on Lane 2 and so on to lane 6.
7. Take 2 plungers and connect them to the corresponding lane number.

Step 2: Left Side Blocks Side Setup

1. Left side bin contains

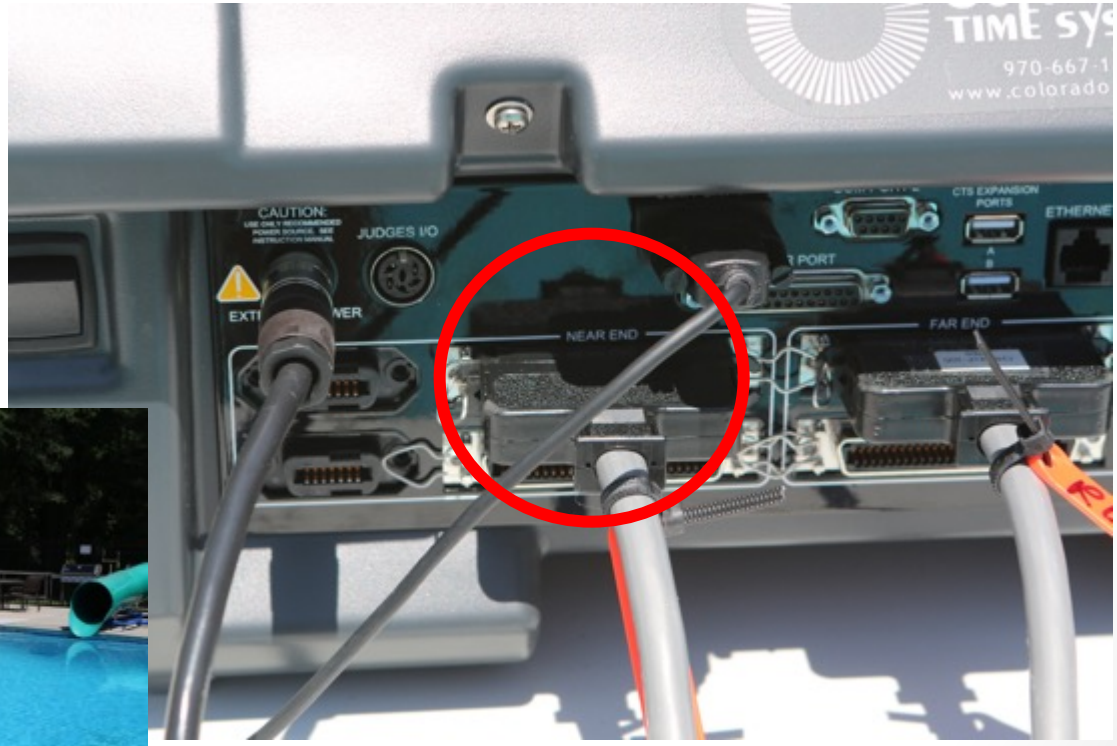
1. Large grey extension cable: L BLOCK EXT C
2. Large grey cable to connect plungers (L BLOCK C)
3. Black box to place cable connectors in for water proofing
4. 6 lane bags of plungers. Each bag has 2 plungers
5. Lane 1: 1L1 1L2
6. Lane 2: 2L1 2L2
7. Lane 3: 3L1 3L2
8. Lane 4: 4L1 4L2
9. Lane 5: 5L1 5L 2
10. Lane 6: 6L1 6L2

Step 2: Left Side Blocks Side Setup

1. Start with L BLOCK EXT C. Hook into colorado timing system on the folding table in the central side (Near End top) and run around right side of pool
2. Take L BLOCK C.
3. Connect L BLOCK C and L BLOCK EXT C.
4. Place connectors in water proof black box and close.
5. Right side does have a start/stop. STEP 3.
6. Place the 1 connection on Lane 1, 2 on Lane 2 and so on to lane 6.
7. Take 2 plungers and connect them to the corresponding lane number.

Step 2: Left Side Blocks Side Setup (Cont.)

1. Start with L BLOCK EXT C. Again this is only a simple extenstion cable so the connector cable and reach the block.s Hook into colorado timing system on the folding table in the central side (Near End top) and run around right side of pool



Step 2: Left Side Blocks Side Setup (Cont.)

2. Take L BLOCK C. This cable has connectors for each lane.

Step 2: Left Side Blocks Side Setup (Cont.)

3. Connect L BLOCK C and L BLOCK EXT C using black connections.

Step 2: Left Side Blocks Side Setup (Cont.)

4. Place connectors in water proof black box and close

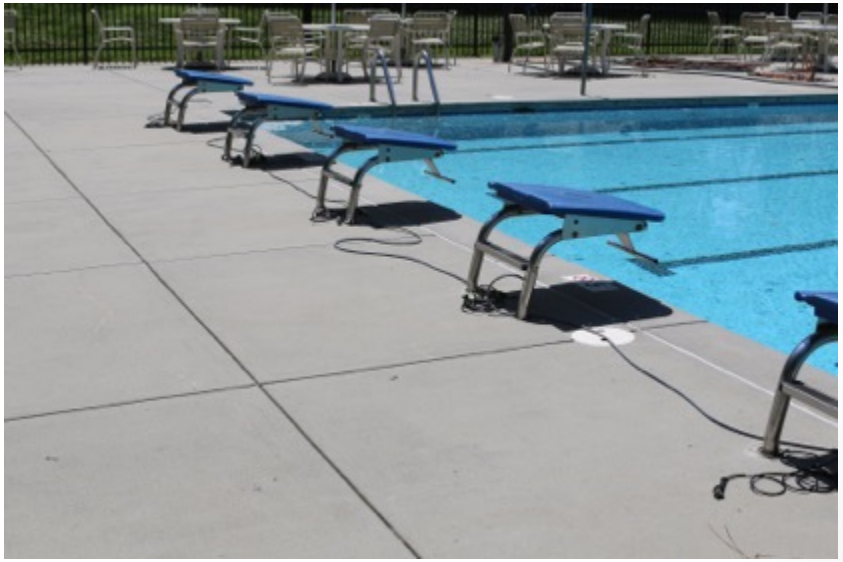
Step 2: Left Side Blocks Side Setup (Cont.)

5. Left Side does have a starter at far end of the block. Run L Block C, under each block and align block number to connector number on the cable. There are 6 connectors, one for each lane number and a starter.

Leave Starter connection at the far corner in order to connect starter in Step 3

Step 2: Left Side Blocks Side Setup (Cont.)

6. Place the 1 connection on Lane 1, 2 on Lane 2 and so on to lane 6.
7. Take 2 plungers and connect them to the corresponding lane number.



Step 3: Starter Setup

- Starter equipment in the blue bin includes:
  - INIFINITY DEVICE
  - Horn
  - Microphone starter
  - Cable connects L BLOCK C to Stater system
  - Tripod

Step 3: Starter Setup (cont.)

1. Setup Tripod on the Left Side (Near End with the blocks)
2. Connect Infinity Start Device to tripod.
3. Review Side of device below.

Step 3: Starter Setup (cont.)

3. Connect black cable below to Infinity Start Output

4. Connect 2 prong to connector cable Start connection. Ignore Backup Start.

Step 3: Starter Setup (cont.)

5. Hook Microphone into Microphone 1 unless already setup. Do not turn on during setup.
6. Done.