

Colorado System V Setups

The setups described in this section are for running the Colorado Timing System with touch pads and one button. This section is for reference only. Setups DO NOT need to be changed except for the Finish Buttons and Event Sequence described in earlier sections of this manual.

To print the setups:

- ◆ From the Main Menu press the **SETUPS** soft key.
- ◆ Press the **Down** soft key twice to move the selection to the Printer Setup Menu
- ◆ Press **PRINT SETUPS**

Set-Up Options

Press the **SET-UPS** soft button from Main Menu. The display will now show three soft buttons: **UP**, **DOWN** and **RECORD SET-UPS**.

- ◆ Press the **DOWN** soft button to display each setup option.
- ◆ Use the number keypad to select individual options.

1. **Start** – select **1 - Automatic** to automatically pick up the starting signal from the starter system.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
>>> Start	1	Automatic
Finish/Buttons	2	Manual
Hardware		
Splits		
Timing		
Pool		
Scoreboard		
Printer		
Event Sequence		
Time/Date		

2. **Finish/Buttons** directs the timing system where to pick up the finish.

For **Races that end at the Blocks** – select **1, 5** and **9**. Pad (Prime Finish) and One Button (Backup Finish) and Compare Pad-Button Difference

For **25-yard Races that end at the Far End** – select **3**, Two Buttons (Prime Finish) and no other selections. At the 25-yard end the “A” button is plugged into Prime on the cable harness, the “B” button into Backup on the harness.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	>...1	Pad (Prime Finish)
>>> Finish/Buttons	2	One Button (Prime Finish)
Hardware	3	Two Buttons (Prime Finish)
Splits	4	Three Buttons (Prime Finish)
Timing	> 5	One Button (Backup Finish)
Pool	6	Two Buttons (Backup Finish)
Scoreboard	7	Three Buttons (Backup Finish)
Printer	8	Compare Button Early to Pad
Event Sequence	> 9	Compare Pad-Button Difference
Time/Date		

3. Hardware Setup

- Set speaker volume to 3 (highest level). This is the “beep” heard when the pad or button is touched.
- Never select Low Swimming I/O Voltage.
- Select Allow Remote Setup

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	1	Speaker Volume (0 to 3) = 3
Finish/Buttons	2	Low Swimming I/O Voltage
>>> Hardware	> 3	Allow Remote Setup
Splits	4	Relay Judging using Buttons
Timing		
Pool		
Scoreboard		
Printer		
Event Sequence		
Time/Date		

4. **Splits** - Select both options. They are Print Cumulative Splits and Print Splits by Lap.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	> 1	Print Cumulative Splits
Finish/Buttons	> 2	Print Splits by Lap
Hardware		
>>> Splits		
Timing		
Pool		
Scoreboard		
Printer		
Event Sequence		
Time/Date		

5. Timing – controls variable timing functions

- Select **1)** Timing Accuracy = .01 seconds
- Set **3)** Near End Pad Split Delay to 15 seconds. This prevents the pad from being armed until 15 seconds after a touch. It allows a relay swimmer to exit the water.
- Select **5)** Display Time Warning Messages.
- Set **6)** Pad Delay at Start to 15 seconds, to allow enough time for the previous swimmer to exit the pool for overhead starts.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	> 1	Timing Accuracy = .01 sec.
Finish/Buttons	2	Timing Accuracy = .001 sec.
Hardware	3	Near-End Pad Split Delay = 15 Sec.
Splits	4	Far-End pad Split Delay = 15 Sec.
>>> Timing	> 5	Display Time Warning Messages
Pool	6	Pad Delay at Start = 15 sec.
Scoreboard	7	Scoreboard Length Count Down
Printer	8	Screen Length Count Down
Event Sequence		
Time/Date		

6. Pool

- Select Lanes Normal.
- Set Lanes in Pool to 6
- Select Short Course Pool (25 Yards).
- Select race distance units as Yards.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	1	Lanes Normal (ex. 1 – 6) (our pool)
Finish/Buttons	> 2	Lanes Reversed (ex. 6 – 1)
Hardware	3	Lanes in Pool = 6
Splits	4	Far-End Split
Timing	> 5	Short Course Pool
>>> Pool	6	Long Course Pool
Scoreboard	> 7	Race Distance Units – Yards (our pool)
Printer	8	Race Distance Units – Meters
Event Sequence		
Time/Date		

7. **Scoreboard** - Select High Speed (Data Transmission) and Display Results in Lane Order. The time to step a one-line scoreboard should be 2 seconds, one line scoreboard sequence time should be 3 seconds. Don't change any other options.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	> 1	High Speed (Data Transmission)
Finish/Buttons	2	Self Test
Hardware Setup	3	Define Module(s)
Splits	4	Blank Module(s)
Timing	5	Four-Line Scoreboard
Pool	6	Times to Step One-Line Scb = 2
>>> Scoreboard	7	One-Line Scb Sequence Time = 3
Printer	8	One-Line Scb Sequence List
Event Sequence	> 9	Display Results in Lane Order
Time/Date	0	Display Results in Place Order

8. Printer

- Select **1**) Printer as User Defined. Select **6**) Pica as the Type Size. Select **0**) Always Print on Store/Print Key. The Line per Inch should be set to 8. You can adjust these and the printer settings as needed to get correct print outs.
- Under **3**) Store/Print Format you should have Race Summary & Form Feed **ONLY**.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	> 1	Printer = User defined
Finish/Buttons	2	User Defined Printer Control Codes
Hardware	3	Store/Print Format
Splits	4	View/Edit Sponsor's Messages
Timing	5	Page Length = 280mm 11in
Pool	> 6	Pica
Scoreboard	7	Elite
>>> Printer	8	Condensed
Event Sequence	9	Print 8 Lines per Inch
Time/Date	> 0	Always Print on Store/Print Key

12. **Event Sequence** – The Event Sequence must be selected for each meet.

Event Sequences are pre-set before the meet and only the administrator should create meet sequences.

- To create an event sequence, set up the meet in Meet Manager and then download the events to the counsel. The instructions are described in the Meet Manager User Guide.
- To create or edit Event Sequences manually, see the Colorado System V System Manual, page 4-27.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	1	None
Finish/Buttons	2	Dual Meet First Half
Hardware	> 3	Dual Meet Second Half
Splits	4	High School
Timing	5	Time Trials
Pool	6	Wednesday Meets
Scoreboard	7	Saturday Meets
Printer	8	open
>>> Event Sequence	9	open
Time/Date	0	View/Edit Selected Sequence

13. **Time/Day** - If the date and/or the time are not correct, these may be reset by using the options under this menu.

<u>SETUPS</u>	<u>CHOICE</u>	<u>OPTIONS</u>
Start	1	Set Time of Day
Finish/Buttons	2	Set Day of Week
Hardware	3	Set Date
Splits	> 4	12 Hour Clock
Timing	5	24 Hour Clock
Pool		
Scoreboard		
Printer		
Event Sequence		
>>> Time/Date		

14. To save changes to your settings, press the **RECORD SET-UPS** soft key. If you make changes and turn the timing system off without pressing **RECORD SET-UPS** your changes will not be saved.

15. To exit from set-up, press the **QUIT** soft key