

Colorado 6 Set Ups and Use for PVS

This information applies to Swimming Software level 1.214 (displayed on the top of the main screen display, if you do not see it, then you are not at this level).

Please read over the following set up information for the Colorado VI, most of it should not require any changes.

The items in **Red** are generally the strongly recommended set up values. You will see a great deal of similarity between these and the Colorado V set ups, and a couple of significant changes.

At this level of software on the VI when you have to key in a value, you will no longer need to use the Clear Entry key (C/E) to clear out the current value first, what you key in will replace what is there.

When you Save Setups, you will not be prompted for confirmation. And, there is no way to print out the setups.

If you turn off lanes (due to empty lanes) they will automatically turn on when you Reset the VI.

The lanes display at the bottom, the top of each block is the lane number. The center area displays information on whether the lane is armed or not, also when it is finish armed, which pad was just hit (near or far). The bottom shows lengths that have been swum. For missed touches you will usually get a warning message for that lane.

Pressing Reset while the VI is running will cause a display asking if you are sure you want to do this.

If you attempt to reuse an Event & Heat (i.e. forgot to advance to next heat), the event & heat number will not blink like the V does, however you will get a message in a red box that states "This heat has already been used".

You can now store record times with the events, so you will not need to key them in for each event as you are running the meet. Unfortunately Meet Manager as of Release 2.0Ft does not download record times, and there is not a way to edit an event and add it. You can enter the record times like you did before (from the Score Board soft key) and the VI will remember them.

Any suggestions or mistakes in this document please contact Jim Garner (301-977-1222 or garner@garnerjim.net) know.

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Colorado 6 Set Ups and Use for PVS

Setups

◇ Start/Finish
◇ Hardware
◇ Timing
◇ Pool
◇ Scoreboard
◇ Printer
◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice Options

- | | |
|---|--|
| 1 | Start Even – Length Races at Near End |
| 2 | Start Odd – Length Races at Far End |
| 3 | Do NOT Clear Lanes Automatically |
| 4 | Do NOT Show Start Reaction Times on Scoreboard |
| 5 | Near End Primary Finish = Pad |
| 6 | Far End Primary Finish = Pad |
| 7 | Do NOT Blink Time for Record Breaker
or
Blink Time for Record Breaker |
| 8 | Do NOT Post Intermediate Place on Scoreboard
or
Post Intermediate Place on Scoreboard |

Up
Down
Save Setups
Restore Defaults

Notes:

- In PVS we normally start all even length races at the Near end and odd length races at the Far end (25s in Short Course, 50s in Long Course). This solves the 50M (or 25Y) starts at the far end, now the Colorado will work properly without making any other special changes.
- If the Primary Finish at either end is Buttons, then change the appropriate Choice by pressing either 5 or 6 on the numeric pad.
- Option 3 will clear the times & place results as soon as you press next heat or event.
- Option 4 could only be used if we had Relay Take Off Pads.
- Option 7 will blink a final time if faster than the record. If there is no record entered nothing will happen.

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◇ Start/FInish
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◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice Options

- | | |
|---|---|
| 1 | Speaker Volume (0 to 3) = 3 |
| 2 | Backlight Intensity (0 – 9) = 5 |
| 3 | Remote Setup Allowed |
| 4 | Relay Judging using Platforms (Near End) |
| 5 | Relay Judging using Platforms (Far End) |
| 6 | Relay Judging Interval = 0.75 sec. |
| 7 | Far end splits NOT used |
| 8 | Do NOT use start reaction times |
| 9 | Do NOT use backstroke start reaction times |
| 0 | Scoreboard Intensity (1 to 8) = 8 |

Up
Down
Save Setups
Restore Defaults

Notes:

- Speaker Volume of 3 is normally used, if too loud then set it to a lower value.
- Backlight Intensity, make dimmer or brighter to make more readable.
- Remote setup – this must be allowed to download event sequences from HyTek .
- Relay Judging – not used in PVS, leave these values alone.
- Far end splits – set to used if appropriate, toggle by pressing 7. This can also be controlled from the Quick Options on the run screen.
- Start Reaction Times – be sure that **NOT** is selected.
- Scoreboard Intensity – only for new LED scoreboard. 8 (the brightest) is the factory default, adjust if necessary.

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Choice Options

- | | |
|---|---|
| 1 | Timing Precision = 0.01 second |
| 2 | Do NOT Use Automatic Backup Adjustment |
| 3 | Near-End Pad Split Delay = 15 sec. |
| 4 | Far-End Pad Split Delay = 15 sec |
| 5 | Display Time Warning Messages |
| 6 | Pad Delay At Start = 15 sec. |
| 7 | Scoreboard Lengths Count Up |
| 8 | Screen Lengths Count Up |
| 9 | Show ----- on DQ |
| 0 | Pad to Backup Comparison Interval = 0.3 sec. |

Up
Down
Save Setups
Restore Defaults

Notes:

- Timing Precision – Must be at 1/100 (.01) second.
- Automatic Backup Adjustment – If we need to perform this, it will be done by the Timing Judge and/or HyTek software. Do **NOT** change this.
- Near & Far End Delay – usually at 15 seconds, this is safe. Some people like to bump this up for Relays, if you do be careful that it is not too long or the pads will not re-arm before the incoming swimmer touches.
- Time Warning Messages – gives a message when button(s) are too far off from the pads.
- Pad Delay at start – without dive overs 3 sec is used, if doing dive overs 15 sec should be used.
- 7&8 have to do with whether the number of lengths swum starts at 2 and counts up or starts at the total length of the race (i.e. 500 Free at 20) and counts down for the scoreboard and the Colorado respectively.
- Show ----- on DQ – leave this alone, PVS does not use the Colorado DQ.
- 0 – leave this alone.

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Setups

◇ Start/Finish
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◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice	Options
1	Lane Mapping
2	Lanes In Pool = 8
3	Lanes Used = 8
4	Pool Length = 25
5	Race Distance Units - Yards

Up
Down
Save Setups
Restore Defaults

Notes:

- Lane Mapping – allows you to set up for normal (Lane 1 closest to Colorado) or reversed (lane 8 closest to the Colorado). When you go to this option choice 1 will be normal, choice 2 is for reversed. **Make sure you pick the correct one.** Shift lanes up or down are only used in special circumstances (like using only lanes 2-9 in a 10 lane pool, and making real lane 2 virtual lane 1).
- Lanes in pool – set to number of lanes you are running (usually 8).
- Lanes Used – set to same as number of lanes in the pool.
- Pool length – 25 for Yards or SCM, 50 for LCM.
- Race Distance – either Yards or Meters.

Colorado VI Set Ups and Use for PVS

Setups	Choice Options	
◇ Start/FInish	1 Self Test	Up
◇ Hardware	2 Define Module(s)	
◇ Timing	3 Blank Module(s)	Down
◇ Pool	4 8-Line Scoreboard	
◇ Scoreboard	5 Times to Step One-Line Scoreboard = 2	
◇ Printer	6 One-line Scoreboard Sequence Time = 5	
◇ Event Sequence	7 One-line Scoreboard Sequence List	Save Setups
◇ Set Time/Date	8 Display Results in LANE Order	
◇ Wireless	9 Scoreboard Splits: CUMULATIVE	
	0 Do NOT Emulate 10 Lane Scoreboard	Restore Defaults

Notes:

- Self Test – on mechanical scoreboards will cycle every module through all on and all off. Usually not necessary. Stop by pressing any key.
- Define module – stay away from this unless **you know what you're doing**. Only used when modules are broken and you have unused modules (like at Oak Marr).
- Blank Modules – same as Define Module.
- 8 Line – leave at this value unless you have a 10 lane scoreboard or a 4 lane scoreboard.
- 5&6 – for one line scoreboards, times to step is how many times to cycle through this heats results, and Sequence Time is for how long each lane is displayed (also how long as each swimmer finishes. 5 seconds may be too long if the time between heats is low, drop it to 2 or 3 seconds if needed. Also used for how long to wait before displaying other lanes (4 lane scoreboard with 8 lanes swimming).
- 7 – what order to display results in, one line scoreboard only (use Place Order and Event/Heat).
- 8 – The other option is in finish order, you will thoroughly confuse all the spectators and coaches if you do this.
- 9 – Intermediate times are cumulative.
- 0 – Do NOT emulate 10 Lane Scoreboard. Will cause Lane 10 to display on the scoreboard with a 0, otherwise will display as an 'A'.

Colorado VI Set Ups and Use for PVS

Setups

◇ Start/FInish
◇ Hardware
◇ Timing
◇ Pool
◇ Scoreboard
◇ Printer
◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice	Options
1	Store/Print Format
2	View/Edit Sponsor's Message
3	Always Print On Store/Print Key
4	User Defined Printer Control Codes
5	Type Size = Elite
6	6 Lines per Inch
7	Printer = HP - PCL
8	Space for Minutes in Printouts
9	Show Evt. Seq Title in Header

Up
Down
Save Setups
Restore Defaults

Notes:

- 1 – should be Race Summary followed by Form Feed.
- 2 – we don't use this.
- 3 – Whenever a race is stored it is automatically printed.
- 4 – **DO NOT MESS WITH THIS** unless you know what you are doing.
- Type Size – you may have to play with this to get proper printing results. Pica is 10 Characters per Inch (CPI), Elite is 12 CPI and Condensed is 16 CPI. Colorado recommends using Pica for 6 lane pool, Elite for 8 lane and Condensed for 10 and Super Condensed for 12 lanes.
- Lines per inch – usually set at 6 lines per inch.
- Printer – try the various values until you find one that works with the printer you have. For Other you also will have to set up the User Defined Printer Control Codes. HP-PCL works on the Brother HL-2070 printers that PVS is currently using.
- 8 – for splits shows minutes & seconds, can be set to also show hours minutes and seconds.
- 9 – the other option is to NOT show the meet name. This appears in the first line of the Colorado printout (=====> < ===== Meet Title ...).

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Setups

◇ Start/FInish
◇ Hardware
◇ Timing
◇ Pool
◇ Scoreboard
◇ Printer
◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice	Options
1	None
2	Boys High School
3	Girls High School
4	Boys/Girls H. S..
5	NCAA 13 Event Prog.
6	NCAA 15 Event Prog.
7	NCAA 16 Event Prog.
8	User Defined 1
9	User Defined 2
0	View/Edit Selected Sequence

Up
Down
Save Setups
Sequence Name
Restore Defaults

Notes:

- We usually use location 8 or 9 to store our meets in.

Colorado VI Set Ups and Use for PVS

Setups

◇ Start/FInish
◇ Hardware
◇ Timing
◇ Pool
◇ Scoreboard
◇ Printer
◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice	Options
1	Set Time of Day
2	Set Date
3	12 Hour Clock
4	
5	
6	
7	
8	

Up
Down
Save Setups
Restore Defaults

Notes:

- Use these to set correct time and date if necessary. This time will display on the scoreboard as well as on the print outs.

Colorado VI Set Ups and Use for PVS

Setups

◇ Start/FInish
◇ Hardware
◇ Timing
◇ Pool
◇ Scoreboard
◇ Printer
◇ Event Sequence
◇ Set Time/Date
◇ Wireless

Choice Options

- 1 Display Wireless Channel on Scoreboard
- 2 Display Wireless Firmware Version on SCBD
- 3 Display Wireless Receiver Channel
- 4 Display Wireless Transmitter Channel

Up
Down
Save Setups
Restore Defaults

Notes:

- Used with scoreboards that have Sky-Fi Wireless adapter.