



Diving

Installation and User Guide



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Product Identification

Product: Wired Judging
Model Numbers:
JT-01, CB-01, IH-01

Power Specification

DC 12V	USB powered	
System:	max 1A	max .5A
JT-01:	25mA with backlight	10mA backlight not possible
IH-01:	75mA	50mA

If a power supply is used with the Gen7 Wired Judging System, it must be a listed (for both US and Canada) ITE (UL 62368-1 and CAN/CSA-C22.2 No. 62368-1), LPS, Class II power supply that outputs a maximum +12VDC, 1A. A power supply that meets these requirements is shipped with each IH-01.

This equipment is intended for use below an altitude of 2000m (6500ft)

Information in this manual is subject to change without notice. Pictures and illustrations may not accurately depict your version. Please check our website for the most current information; our user manuals are available online in the customer service section of our website.

Part Number F1022, Rev. 202007
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Product Overview

Gen7 wired judging is a system of connected terminals for judges to enter awards. Efficient and simple to run, it scales from basic dual meets up through multi-day, multi-event championships.

The system is controlled by software designed around the logical structure of an event (Gen7 Diving and SynchroMM)

- Judges' terminals provide judges with the tools and information they need
- Hardware is easy to transition between panel styles (for example, from simultaneous 1 and 3 meter events to synchronized diving). This is managed through the software; there is no need to unplug and rearrange JTs and plug them in again.

This manual describes the hardware and hardware set up; on-screen help is provided in the software for each sport

Hardware & Hardware Set Up

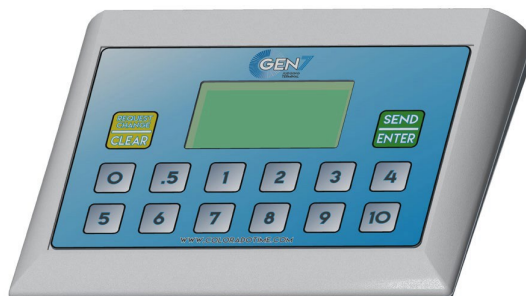
Basic Hardware Set Up

The most basic setup is a computer connected to an Interface Hub which is then connected to a Cable Breakout. The Judges' Terminals are then connected to the Cable Breakout. You can chain cable breakouts together to allow you to split judges across the pool. This is useful for a 4/3 split of a 7-judge diving panel, or for an 8/7 split of the standard 15-judge synchronized swimming panel.

More detailed hardware set up options are described later.

Judges Terminal (JT-01)

Use one judges' terminal (JT-01) for each judge. Connect a cable between the 4-pin connector on the JT-01 and one of the 4-pin connectors on a cable breakout box.



JT-01s that are plugged in to the system will turn on when there is power to the interface hub (either from the laptop through the USB cable, or from the external power supply). Before using the system enter a judge number on each JT-01. These numbers will then appear in the software. You can optionally assign a judge's name to each number through the software.

After the judge number is entered, the terminal will sit idle until the software communicates with it. Once a number has been set on the JT-01, the only way to change the judge number is to reset the terminal, either by unplugging it or by issuing a software reset command to all the terminals.

Judges' terminals have several modes; the sport software Gen7 Diving or Synchro MM controls which mode is displayed. Judges Call mode displays the name of each judge on their respective terminal if the names have been entered in the software and is particularly useful when judges are finding their seats. In Judging Mode, the terminals are ready to accept scores from the judges. If running a sport that requires a single judge to enter multiple scores, the software controls the terminal in a way that guides the judge through the entry process.

The JT-01 screen has a backlight option, which can be turned on for all terminals in the software when the system is connected to AC power at the interface hub.

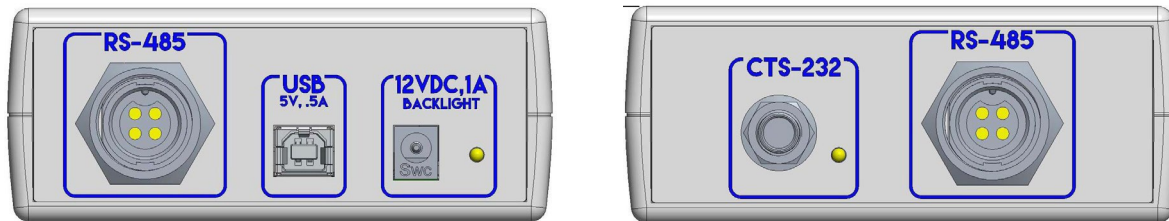
Cable Breakout Box (CB-01)

The cable breakout box (one or more) connects the JT-01s to the system. Each CB-01 has two ports labeled Input/Output; one on each side. Use either of these to connect to the interface hub and to subsequent CB-01s. If connecting JT-01s to the final CB-01 in the chain, you can use the empty Input/Output port as an additional connection for a terminal. While the connection for the designated Input/Output ports is the same as the ones for the JT-01s, the system will work best when cables to the interface hub and other CB-01s are connected at the ports labeled for them and not the ones labeled judges ports.



Interface Hub/Legacy Scoreboard Connection (IH-01)

The interface hub is the bridge between the computer running the software and the judges' terminals. It must be connected via USB to the computer and by cable from one of the 4-pin RS-485 ports either directly to a JT-01, or more typically to the CB-01, which is then connected to the JT-01s.



4-pin RS-485 ports: the two ports are identical and provide power and data to the connected judges. Connect one or both to CB-01s to expand the number of judges beyond two.

USB: Connect a USB cable from here to the computer running the software. This is the data connection to the software. It will also provide +5V USB power to the system if the external power brick is not connected. AC power is optional for small systems with no scoreboard.

AC power is necessary for powering the backlight on the judges terminals, sending data to a scoreboard, and for very long cable runs. If using AC power, you must use the power supply that was shipped with your IH-01 or one that meets the same requirements as described in the inside front cover of this manual. The LED next to the power port turns green when the IH-01 is receiving AC power. If power is provided, the backlight on the JT-01s can be turned on through the software. Without external power to the IH-01 the system will be powered through USB from the computer, resulting in insufficient power to run the backlights. AC power also ensures performance for systems using very long (>75 meters) cable runs.

Connecting to a Scoreboard

First, connect the IH-01 to AC power. Next, connect to a scoreboard with a cable from an open 4-pin RS-485 port on an IH-01 or a CB-01:

- R-015-674-xx to connect directly to a scoreboard
- R-015-707-x to connect to a Gen7 scoreboard wall plate or deck plate

Gen7 wall plates have LEDs next to each node. If there is not enough power for the scoreboard data, the scoreboard node's LED will be red.

Legacy Scoreboards

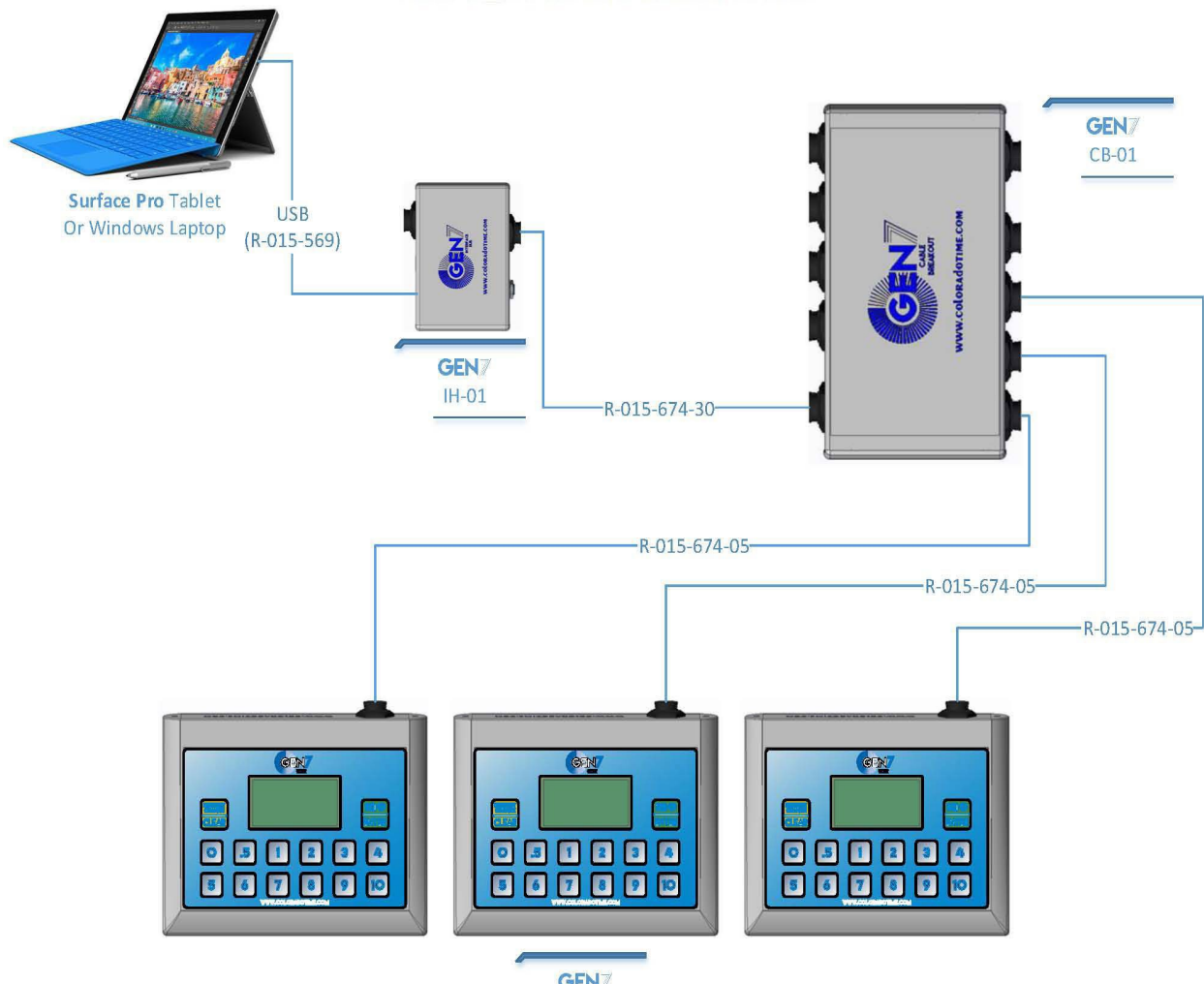
The IH-01 can also function as a legacy scoreboard converter. This functionality is not enabled by default and can only be enabled if the user owns the appropriate license. The LED next to the 1/4" phono connector indicates the status of the converter (red is off, green is on).

First connect the IH-01 to AC power. Next, connect the IH-01 with a USB cable to the data source (the laptop for Diving, or a Gen7 timer). Finally, connect to the legacy scoreboard with an R-xxxDC cable from the CTS-232 port on the IH-01.

Hardware Connection Diagrams

Basic Setup with 3 Judges

Connect the equipment as shown, using cable lengths that are most appropriate for your facility and meet set up.



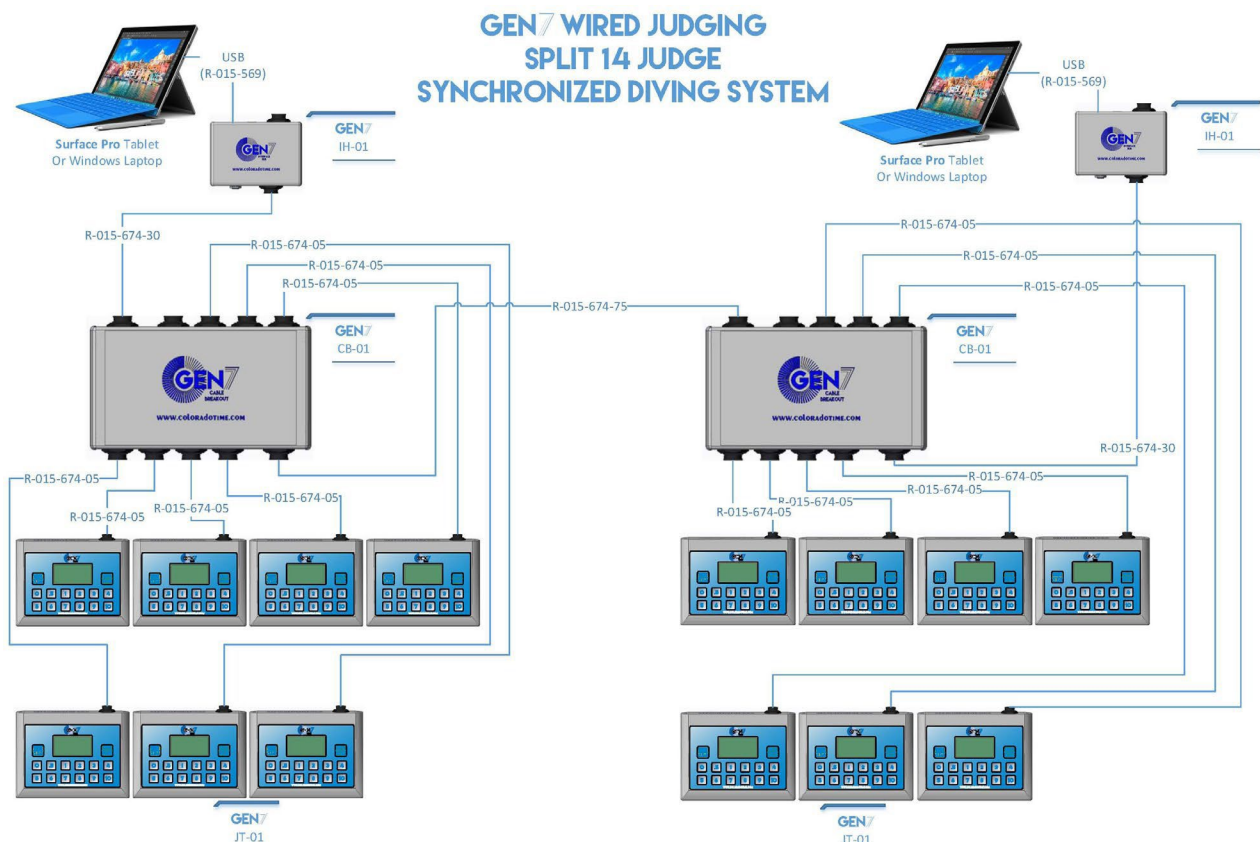
Diving panel split across pool

For a split panel, with judges on two sides of the pool, use two CB-01s. The physical set up shown below supports the split single panel as well as two separate panels for simultaneous events, with the adjustments made in the software.

Two simultaneous diving events (for example, 1-meter and 3-meter) with 7 judges each: Each event has 7 judges with 3 judges on the side of the pool closest to the diving boards used for that event and 4 judges on the opposite side.

Each event is run from a separate laptop. One of the two computers will instruct the system to enter multi-system mode by setting the system count to two systems. The operator will then perform a software reset and the judges' terminals will request a System ID before requesting a Judge Number. On one side of the pool, set 3 judges for System 1 and 4 judges for System 2. On the other side, set 4 judges for System 1 and 3 judges for System 2.

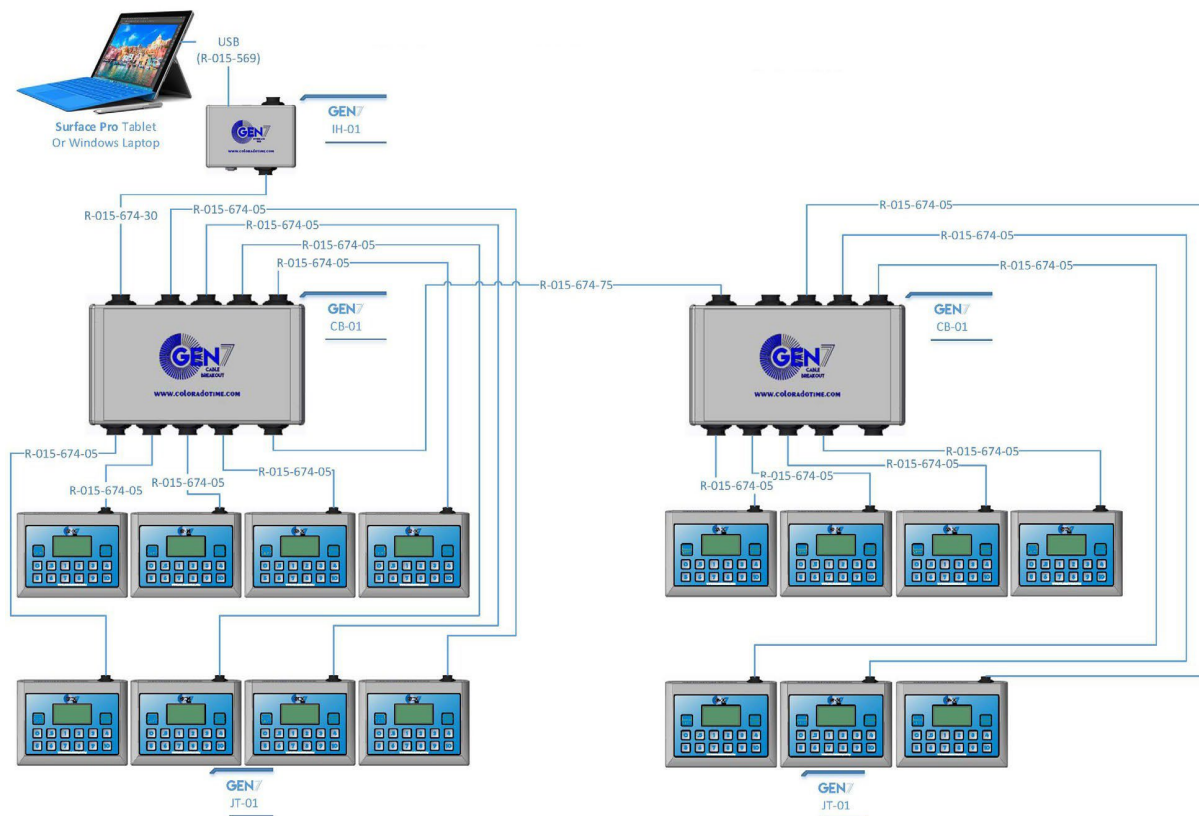
2. Set one computer for System 1 and one computer for System 2.



Synchronized Diving event with 11 judges: The same physical setup supports a single panel which is split across the pool. Set the system count to one system and reset all the JT-01s. Log the judges back in, using the appropriate Execution/Synchronization pattern, and the same physical system is reconfigured for this event.

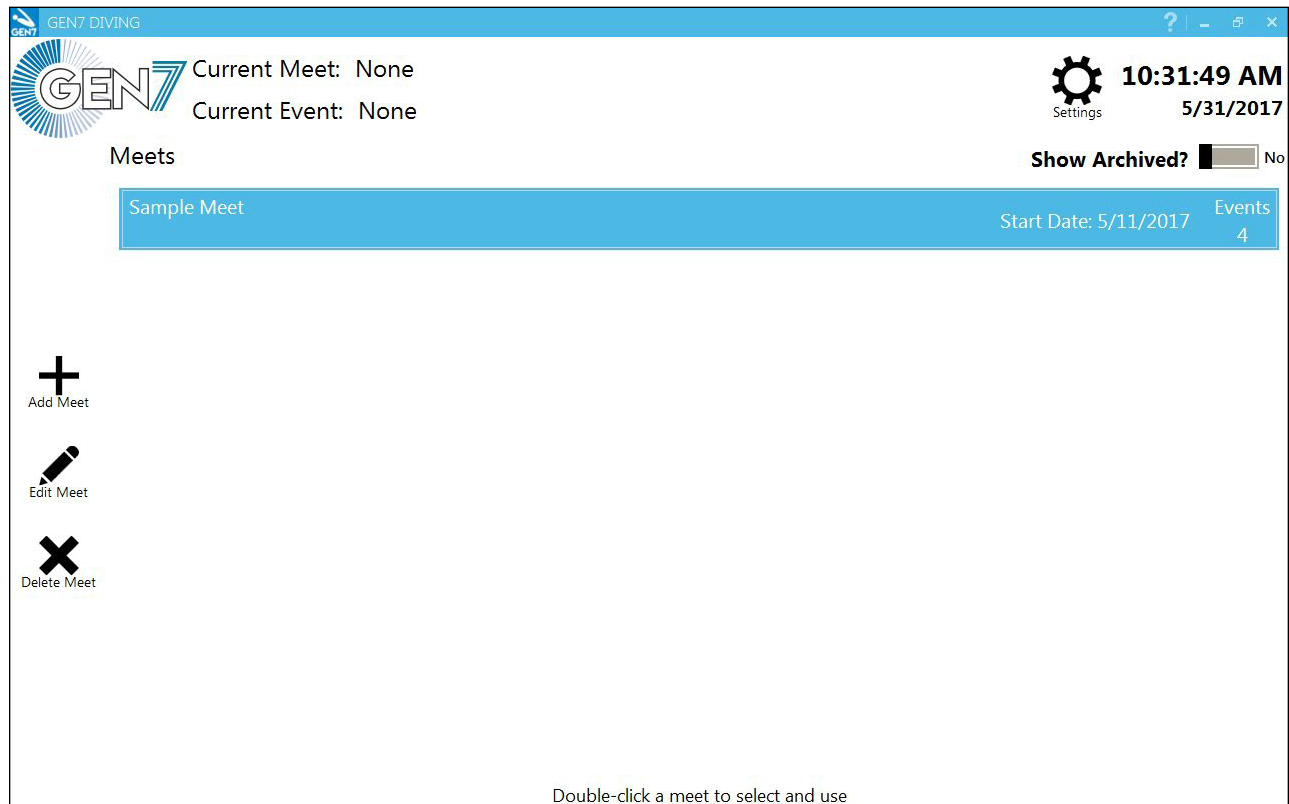
Synchronized swimming panel split across pool

This common synchronized swimming setup with two CB-01s supports 8 judges on one side and 7 on the other, split into the three required panels in the software.



GEN7 Diving Software


Gen7 Diving Main Screen



Current Meet: Displays currently selected meet.

Current Event: Displays current event.

Meets: Displays list of available meets. Meet name, start date and number of events will be displayed. To select a meet, double-click on the meet name.

Add Meet: Click the Add Meet button  to create a new meet

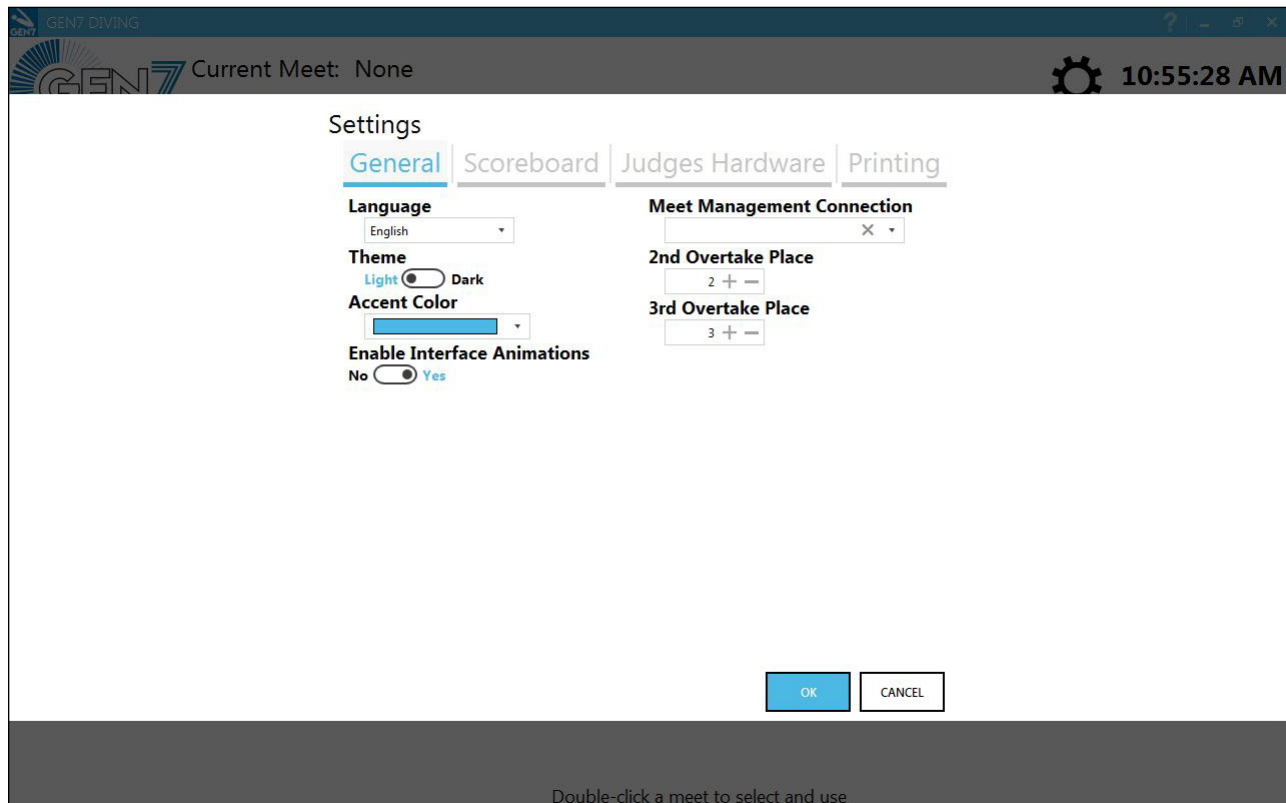
Edit Meet: Click the Edit Meet button  after selecting a meet in the list to delete the selected meet.

Delete Meet: Click the Delete Meet button 

Show Archived?: Toggle this selection to choose whether or not to display archived meets in the main meet selection screen. Archive old meets to keep your display easy to navigate

Settings: Click the Settings button  to edit the settings of the Gen7 application.

Gen7 Settings Screen



The Settings screen allows customization of your GEN7 Diving software. There are 4 tabs:

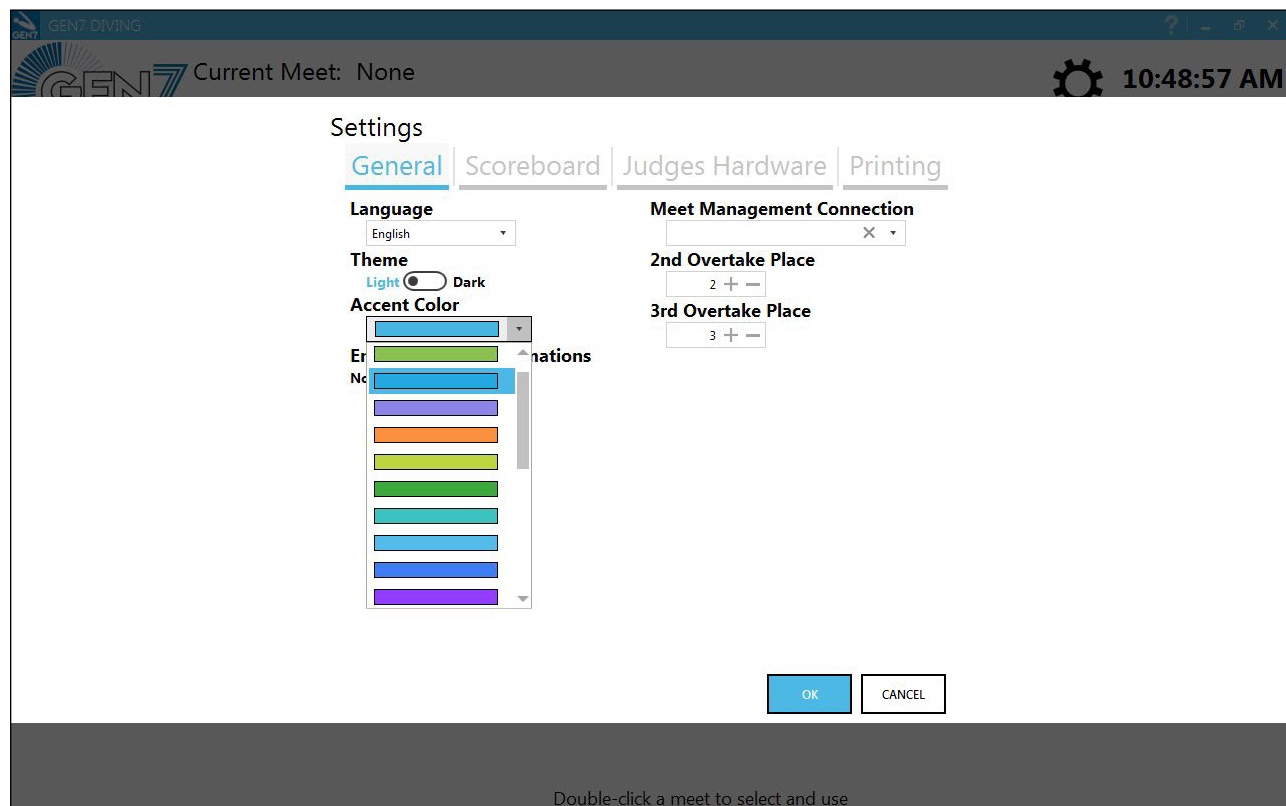
General: Configure user interface preferences

Scoreboard: Configure scoreboard settings.

Judges Hardware: Configure judging system hardware

Printing: Set up and configure printing preferences

Settings - Theme/Color



The Settings screen allows customization of your GEN7 Diving software

Theme: Change theme from light to dark by moving the toggle switch

Accent Color: Change accent color by using drop down menu

Settings - Interface/Meet Management/Overtake

GEN7 DIVING

Current Meet: None

10:55:28 AM

Settings

General | Scoreboard | Judges Hardware | Printing

Language
English

Theme
Light ☒ Dark

Accent Color
[Color Selection Bar]

Enable Interface Animations
No ☐ Yes ☒

Meet Management Connection
X

2nd Overtake Place
2 + -

3rd Overtake Place
3 + -

OK CANCEL

Double-click a meet to select and use

Enable Interface Animations: Enable animations by moving toggle from No to Yes

Meet Management Connection: Choose the Meet Management Connection by using the drop down menu.

2nd Overtake Place: Use the increment (+) and decrement (+) buttons to change the second overtake place

3rd Overtake Place: Use the increment (+) and decrement (+) buttons to change the third overtake place

The 2nd and 3rd Overtake Places affect both the Run Event screen and the Scoreboard output

Settings - Scoreboard

The screenshot shows the 'Settings - Scoreboard' window of the GEN7 Diving System. The window has a dark blue header with the GEN7 logo, 'Current Meet: None', and a gear icon next to the time '11:08:26 AM'. Below the header, there are four tabs: 'General', 'Scoreboard' (which is selected and highlighted in blue), 'Judges Hardware', and 'Printing'. Under the 'Scoreboard' tab, there is a 'Send Mode' section with two radio buttons: 'Immediately (when all judges entered)' and 'Hold (scores sent manually)'. The 'Hold' option is currently selected. Below this, there are two columns: 'Available Scoreboards' and 'Active Scoreboards'. The 'Available Scoreboards' column contains the text 'No Available Devices'. At the bottom right of the window, there are 'OK' and 'CANCEL' buttons. A footer bar at the very bottom of the window contains the text 'Double-click a meet to select and use'.

Send Mode: Switch from Immediately or Hold.

- Immediately will send the scores automatically when all judges have entered their scores.
- Hold requires the operator to manually send the scores to the scoreboard. This is useful for meets where a referee must approve scores before they are displayed.

Available Scoreboards: When a scoreboard is available to the GEN7 Diving System it will be shown in the Available Scoreboards selection box.

Active Scoreboards: When a scoreboard has been selected to receive data, it will appear in the Active Scoreboards box

Settings - Judges Hardware

The screenshot shows the GEN7 Diving software interface. At the top, there's a header bar with the GEN7 logo, 'Current Meet: None', and a gear icon next to the time '10:59:49 AM'. Below the header, the 'Settings' window is open, with tabs for 'General', 'Scoreboard', 'Judges Hardware' (selected), and 'Printing'. The 'Judges Hardware' tab contains several settings:

- Enable Judges Terminals:** A checkbox labeled 'Yes' is selected. To its right is a button labeled 'TERMINAL INFO AND UPDATE'.
- Show All Judges Awards on Terminals:** A checkbox labeled 'Yes' is selected.
- Info on Terminals:** Three sections, each with a 'Hide' radio button and a 'Show' link:
 - Dive/DD:** 'Hide' is selected, 'Show' is a blue link.
 - Diver Name:** 'Hide' is selected, 'Show' is a blue link.
 - Diver Team:** 'Hide' is selected, 'Show' is a blue link.
- Which Referee Terminals?:** A dropdown menu with 'None' selected.
- Enable Simultaneous Events on Terminals:** A checkbox labeled 'No' is selected.
- Simultaneous System Count:** A dropdown menu with '1' selected. To its right are buttons 'SET SYSTEM COUNT' and 'RESET ALL JTS'.
- Current Simultaneous System ID#:** A dropdown menu with '1' selected.

At the bottom right of the settings window are 'OK' and 'CANCEL' buttons. Below the settings window, a dark grey bar contains the text 'Double-click a meet to select and use'.

Enable Judges Terminals: The software can be used with or without the electronic judging terminals.

- Select Yes if using Colorado Time Systems electronic judging terminals
- Select No if using another scoring method (e.g., flash cards)

Show All Judges Awards on Terminals: Select Yes to have the judging terminals display the All Judges awards after they have been entered

Info on Terminals: To show or hide the information displayed on the judging terminals, select Hide or Show

Settings - Judges Hardware (cont.)

GEN7 DIVING
Current Meet: None
11:00:58 AM

Settings

General | Scoreboard | **Judges Hardware** | Printing

Enable Judges Terminals
☒ Yes TERMINAL INFO AND UPDATE

Show All Judges Awards on Terminals
☒ Yes

Info on Terminals
Dive/DD Hide ☐ Show Diver Name Hide ☐ Show Diver Team Hide ☐ Show

Which Referee Terminals?
None

Enable Simultaneous Events on Terminals
☒ Yes

Simultaneous System Count SET SYSTEM COUNT RESET ALL JTS
1

Current Simultaneous System ID#
1

OK CANCEL

Double-click a meet to select and use

Enable Simultaneous Events on Terminals: Select **Yes** if you enable the terminals to handle simultaneous events.

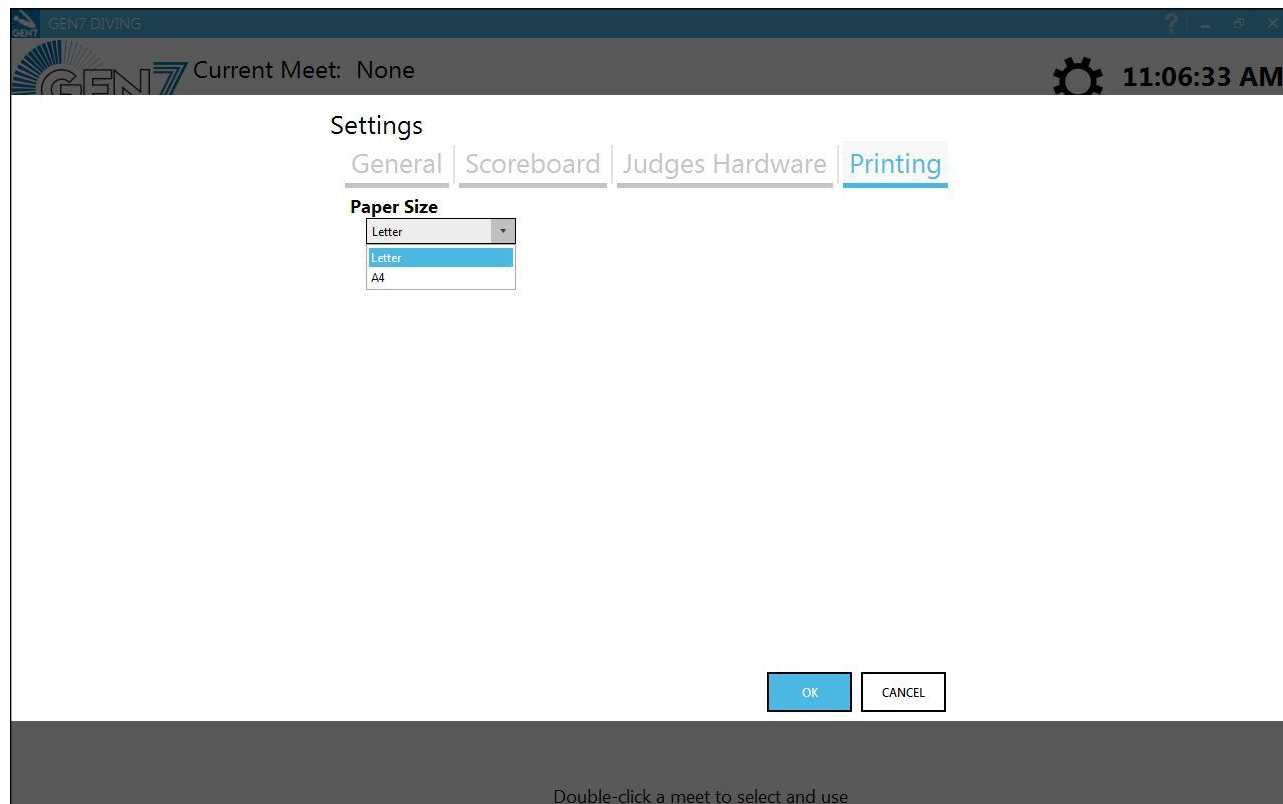
Simultaneous System Count: Clicking the arrow at the right side of the Simultaneous System Count drop down box you can set the total number of systems operating in the simultaneous mode. You have the option to set the count as one, two, three or four.

Set System Count: This button will set the current systems value to the setting that is display in the Current Simultaneous System ID#.

Reset All JTS: This button will set the current systems value to the setting that is display in the Current Simultaneous System ID#.

Current Simultaneous System ID#: When using simultaneous systems this setting allows you to set ID# of the system that is running this instance of the software.

Settings - Printing



Paper Size: Select the proper paper size that you will be printing on. You have a choice between Letter and A4 paper sizes. When printing you will automatically get a print preview prior to printing.

Settings - Add Meet

The screenshot shows the 'GEN7 DIVING' application window. At the top, it displays 'Current Meet: None' and 'Current Event: None'. On the right, there is a 'Settings' gear icon, the time '10:42:22 AM', and the date '5/31/2017'. Below the time, there is a 'Show Archived?' checkbox which is checked, and a 'No' button. In the center, there is a 'Meets' section with a 'Sample Meet' button. To the right of this button, it says 'Start Date: 5/11/2017' and 'Events 4'. Below the 'Meets' section is the 'Meet Details' form. This form has fields for 'Title', 'Host', 'Location', 'Start Date', and 'End Date'. The 'Start Date' field is populated with '5/31/2017' and has a calendar icon. The 'End Date' field is empty and has a 'Select a date' prompt and a calendar icon. There is a 'CLEAR' button next to the 'End Date' field. At the bottom of the form are 'OK' and 'CANCEL' buttons. Below the form is a 'Delete Meet' button. At the very bottom of the window, it says 'Double-click a meet to select and use'.

Adding a new meet: When you press the button you will be prompted with a screen that is requesting the Meet Details. These details will be used to populate various fields in the application as well as information which is used on the printed formats.

Title: The title of the event **must** be entered into this field. **REQUIRED**

Host: The name of the organization that is hosting the event may be entered here. **OPTIONAL**

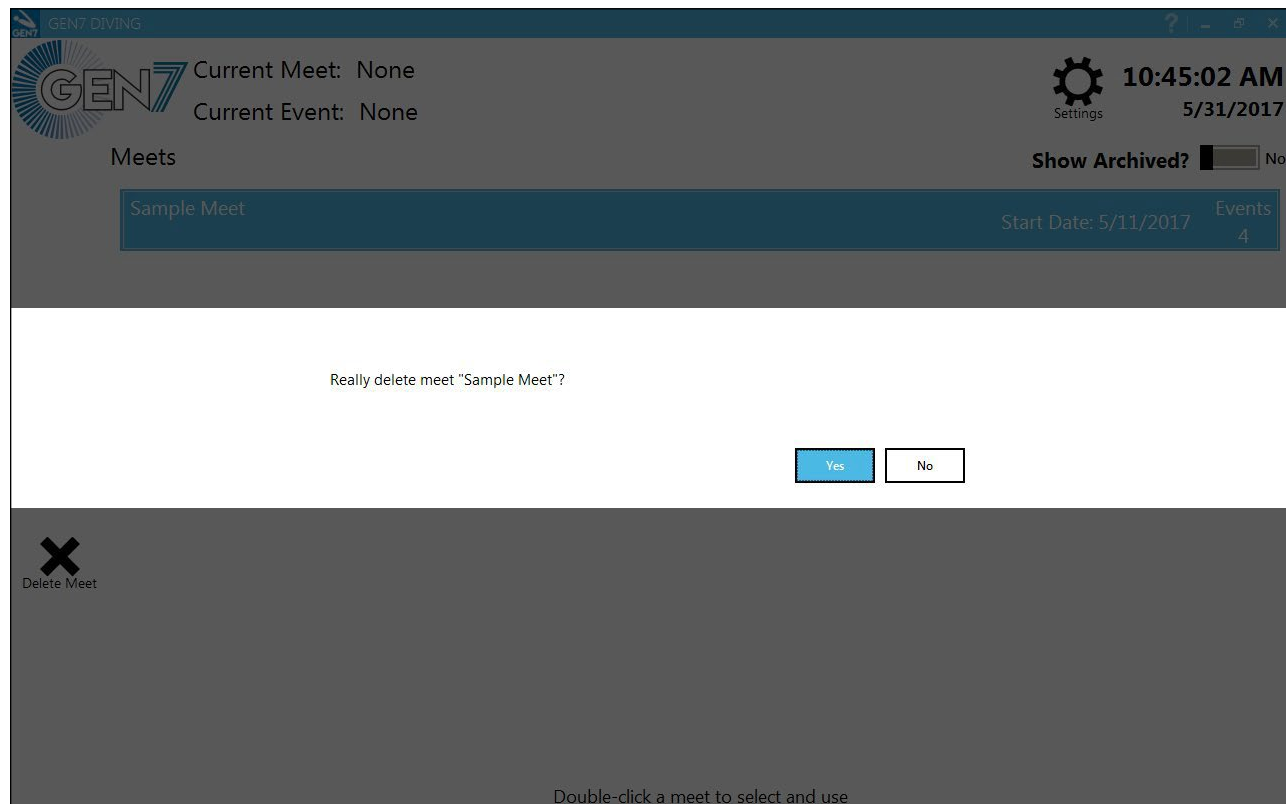
Location: The location of the event can be entered here. **OPTIONAL**

Start Date: This date should correspond with the first day that the meet will be held. The date can be typed into the textbox or you may click on the calendar icon and use drop down calendar to select the meet date.

End Date: This date should correspond with the day the meet will end. This can be left blank for a one day meet.

Press the OK button to accept the entries that you have made in the software. You may also press CANCEL to discard the information.

Settings - Delete Meet



To Delete a Meet: Select a meet on the main screen and select Delete Meet. A Delete Meet confirmation screen will pop up.

Click Yes to confirm the file delete operation.

Click No to cancel the Delete Meet operation.

Current Meet

GEN7 DIVING

Current Meet: Sample Meet (5/11/2017)
Current Event: None

Settings 10:43:54 AM
5/31/2017

Copy events from another meet

Events

- Change Meet
- Add Event
- Edit Event
- Delete Event

1 Women's Three Meter Finals Scored	Event Started
Judges: 7 Scoring, Cast-Out 2 High and 2 Low	Divers: 99
2 Men's Platform Synchro Finals Scored	Divers: 94
Judges: 11 Scoring, Synchro	
3 Women's Platform Finals Unscored	Divers: 97
Judges: 7 Scoring, Cast-Out 2 High and 2 Low	
4 Men's Three Meter Synchro Finals Unscored	Divers: 99
Judges: 11 Scoring, Synchro	

Double-click an event to select and use

When you are in the current meet you have a number of editing options available to you.

Allows you to copy previously defined events from another meet.

Will take you to the add event interface to configure the settings for a new event.

Will take you to the edit event interface which allows you to modify an existing event.

Will allow you to delete the currently highlighted event. It will require confirmation to delete the event.,

Double-click and event to select and use the event which will allow you to enter and/or edit the divers in an event.

Add Event

Event Details

Event Number +/- **Tag**

Board ☒ One Meter ☐ Three Meter
☐ Platform ☐ 1m/3m

Synchro? ☒ No

Number of Dives 6

Number of Judges 7

Cast out ☐ 1 High, 1 Low ☒ 2 High, 2 Low

Gender ☒ None ☐ Mixed
☐ Women's ☐ Men's
☐ Girls' ☐ Boys'

Round ☒ Finals ☐ Semi-Finals
☐ Prelims ☐ Consols

Age Group ☒ Open ☐ Limited

Double-click an event to select and use

Event Details: allows you to edit the configuration of a single event for a meet.

Event Number: Using the +/- buttons you can increment or decrement the event number; you may also just type the number into the input box. This field will only accept numerical values.

Tag: You may tag this event with a text string. This is used on-screen and on printouts. (e.g., you can designate Semifinal A and Semifinal B).

Board: Click the radio button corresponding to the board that will be used for this event.

Synchro?: Click on the switch to toggle this selection from No to Yes if this will be a synchronized diving event.

Number of Dives: Use the slider to adjust the number of dives in the event.

Number of Judges: Use the slider to adjust the number of Judges that will be scoring the event.

Cast Out: Select the radio button corresponding to the correct number of judges' scores that shall not be used in the calculated score for all dives.

Add Event (cont.)

Event Details

Event Number: 5 + - Tag:

Board: ☒ One Meter ☐ Three Meter
☐ Platform ☐ 1m/3m

Synchro? ☒ No

Number of Dives: 6

Number of Judges: 7

Cast out: ☐ 1 High, 1 Low ☒ 2 High, 2 Low

Gender: ☒ None ☐ Mixed
☐ Women's ☐ Men's
☐ Girls' ☐ Boys'

Round: ☒ Finals ☐ Semi-Finals
☐ Prelims ☐ Consols

Age Group: ☒ Open ☐ Limited

SAVE AND CLOSE SAVE AND NEW CANCEL

Double-click an event to select and use

Gender: Select the radio button corresponding to the proper gender selection for the event.

Round: Select the radio button corresponding to the correct round for this event.

Age Group: Select Open if this event is allowing divers of any age to compete in this event. If you select "Limited" you will be asked to provide a Lower and Upper range for the ages of the divers.

When you have completed your entries you may select "save and close" to save and return back to the main screen. You may click "save and new" to save this event and start another new event. Or you may select cancel to discard all of changes you have made to an event.

Edit Event

GEN7 DIVING

Event Details

Event Number 1 + - **Tag** Scored

Board ☐ One Meter ☒ Three Meter
☐ Platform ☐ 1m/3m

Synchro? ☒ No

Number of Dives 5

Number of Judges 7

Cast out ☐ 1 High, 1 Low ☒ 2 High, 2 Low

Gender ☐ None ☐ Mixed
☒ Women's ☐ Men's
☐ Girls' ☐ Boys'

Round ☒ Finals ☐ Semi-Finals
☐ Prelims ☐ Consols

Age Group ☒ Open ☐ Limited

OK CANCEL

Double-click an event to select and use

The **Edit Event** screen contains the same options as the Add Event screen with the only change being that you can only chose to the save the changes by clicking OK or by discarding the changes by clicking the CANCEL button.

Delete Event

The screenshot shows the GEN7 Diving software interface. At the top, the title bar reads 'GEN7 DIVING'. Below it, the 'GEN7' logo is on the left, and the text 'Current Meet: Sample Meet (5/11/2017)' and 'Current Event: None' is on the right. A 'Settings' gear icon and the time '9:19:52 AM 5/31/2017' are also visible. A 'Change Meet' button with a left arrow is on the left. The 'Events' section lists two events: '1 Women's Three Meter Finals Scored' and '2 Men's Platform Synchro Finals Scored'. The first event has details: 'Judges: 7 Scoring, Cast-Out 2 High and 2 Low' and 'Event Started Divers: 99'. A confirmation dialog box is open in the center, asking 'Really delete event "Women's Three Meter Finals Scored"?'. It has 'Yes' and 'No' buttons. At the bottom left, there is a large 'X' icon labeled 'Delete Event'. At the bottom right, a footer note says 'Double-click an event to select and use'.

Delete Event: To delete an event simply click the Delete Event Button and you will be presented with the delete event confirmation dialog box. Select Yes to delete the event or select No to cancel the delete operation.

Adding Divers to an Event

The screenshot shows the GEN7 DIVING software interface. At the top, it displays 'Current Meet: Test Meet MMb (5/26/2017 - 5/26/2017)' and 'Current Event: Women's Three Meter Prelims'. The top right corner shows the time '10:31:08 AM' and date '5/31/2017', along with a 'Settings' gear icon. Below the header, there is a toolbar with icons for 'Change Event', 'Add Diver', 'Edit Diver', 'Remove Diver', 'Set Diver Order', 'Export', and 'Cut Diver'. A table below the toolbar shows a list of divers with columns for '1', 'LASTNAME, Firstname', 'Team', and '157.00'. To the left of the main area, there are icons for 'Run Event' and 'Edit Event'. Below these, there is a 'Reports' icon. At the bottom left, there are icons for 'Edit Judges' and 'Change Sort'. At the bottom right, there is a 'Reset Event' icon. The main area on the right displays a list of events with their names and scores.

1	LASTNAME, Firstname	Team	157.00
1	5333D	2.5	Reverse 1½ Som. 1½ Tw. Free
2	405C	2.7	Inward 2½ Som. Tuck
3	305C	2.8	Reverse 2½ Som. Tuck
4	201C	1.7	Back Dive Tuck
5	106C	2.5	Forward 3 Som. Tuck
6	403C	1.9	Inward 1½ Som. Tuck

When you Double Click an event name you will set the event as your active event and are able to Run, Edit

Add Diver: Click the Add Diver button to enter the Diver Details dialog box.

Add Diver

The screenshot shows the GEN7 Diving software interface. At the top, it displays 'Current Meet: Sample Meet (5/11/2017)' and 'Current Event: Women's Three Meter Finals Scored'. The time is 10:34:02 AM on 5/31/2017. A toolbar includes buttons for 'Change Event', 'Add Diver', 'Edit Diver', 'Remove Diver', 'Set Diver Order', 'Export', and 'Cut Diver'. Below the toolbar, a list of divers is shown, with '1 COOK, Cynthia' selected. The 'Diver Details' input screen is open, showing fields for 'Name' (LASTNAME, Firstname), 'Team', 'Dive Order', and 'Starting Score'. To the right of these fields is a table for entering dive scores. The table has columns for 'Dive #' and 'Score'. The scores entered are: 1 Dive # 0.0, 2 Dive # 0.0, 3 Dive # 0.0, 4 Dive # 0.0, 5 Dive # 0.0. At the bottom of the input screen are buttons for 'SAVE AND CLOSE', 'SAVE AND NEW', and 'CANCEL'. Below the input screen, a list of divers is shown, including '11 COOPER, Brenda', '12 ADAMS, Nicole', '13 PETERSON, Rebecca', '14 COX, Amy', '15 KING, Rose', and '16 TURNER, Laura'. The bottom of the screen shows 'Edit Judges', 'Change Sort', 'Sorted By: Dive Order', and 'Reset Event'.

When you click the Add Diver button the Diver Details input screen will pop up.

Name: Enter the diver's last name followed by a comma and then their first name.
REQUIRED

Team: Enter the diver's team name. This will auto populate if the diver already exists in the current meet.

Dive Order: Enter the diver order number that this diver will be in for the event. This can be left blank and the order can be assigned after all divers are entered.

Starting Score: If the starting score for this diver will be something other than zero you may enter the score here. Otherwise you may leave the score blank.

Dive Entry: On the right of the Diver Details screen you will see a list of the dives corresponding to the event setup number of dives per round. Enter the dive number in the area just to the right of each number. The Degree of Difficulty based on the current FINA formula will be automatically populated.

Once diver details are complete you can Click SAVE and CLOSE to return the event screen, Click SAVE AND NEW to enter data for the next diver, or you can click CANCEL to discard the information entered for this diver.

Edit Diver

GEN7 DIVING

Current Meet: Sample Meet (5/11/2017)

Current Event: Women's Three Meter Finals Scored

11:33:20 AM 5/31/2017

Change Event Add Diver Edit Diver Remove Diver Set Diver Order Export Cut Diver

1 COOK, Cynthia ENA 158.75

Diver Details

Name: COOK, Cynthia

Team: ENA

Dive Order: 1

Starting Score:

1	5333D	2.5
2	405C	2.7
3	305C	2.8
4	201C	1.7
5	403C	1.9

OK CANCEL

11 COOPER, Brenda ENA 157.25

12 ADAMS, Nicole VBW 134.95

13 PETERSON, Rebecca FTR 221.20

14 COX, Amy ENA 211.30

15 KING, Rose UYI 162.65

16 TURNER, Laura LSV 283.05

5 403C 1.9 15.20

Reports Edit Judges Change Sort Sorted By: Dive Order Reset Event

When you click the Edit Diver button the Diver Details input screen will pop up.

Name: Enter the diver's last name followed by a comma and then their first name.

Team: Enter the diver's team name in this field. This will auto populate if the diver already exists in the current meet.

Dive Order: Enter the diver order number that this diver will be in for the event. This can be left blank and the order can be assigned after all divers are entered.

Starting Score: If the starting score for this diver will be something other than zero you may enter the score here. Otherwise you may leave the score blank.

Dive Entry: On the right of the Diver Details screen you will see a list of the dives corresponding to the event setup number of dives per round. Enter the dive number in the area just to the right of each number. The Degree of Difficulty based on the current FINA formula will be automatically populated.

When you have completed editing the driver details, click OK to save the changes or click CANCEL to discard the changes.

Remove Diver

The screenshot shows the GEN7 DIVING software interface. At the top, it displays 'Current Meet: Sample Meet (5/11/2017)' and 'Current Event: Women's Three Meter Finals Scored'. The time is 11:36:25 AM on 5/31/2017. A toolbar includes buttons for Change Event, Add Diver, Edit Diver, Remove Diver, Set Diver Order, Export, and Cut Diver. A list of divers is shown, with COOK, Cynthia selected. A confirmation dialog asks: 'Really remove diver "COOK, Cynthia" from this event?'. Below the dialog is a list of other divers: COLLINS, Deborah; COOPER, Brenda; ADAMS, Nicole; PETERSON, Rebecca; COX, Amy; KING, Rose; and TURNER, Laura. The bottom of the interface has buttons for Edit Judges, Change Sort, and Reset Event.

Current Meet: Sample Meet (5/11/2017)
Current Event: Women's Three Meter Finals Scored
11:36:25 AM
5/31/2017

Change Event Add Diver Edit Diver Remove Diver Set Diver Order Export Cut Diver

1 COOK, Cynthia ENA 158.75
2 SCOTT, Donna NHD 188.65

Really remove diver "COOK, Cynthia" from this event?

Yes No

10 COLLINS, Deborah ENA 258.85
11 COOPER, Brenda ENA 157.25
12 ADAMS, Nicole VBW 134.95
13 PETERSON, Rebecca FTR 221.20
14 COX, Amy ENA 211.30
15 KING, Rose UYI 162.65
16 TURNER, Laura LSV 283.05

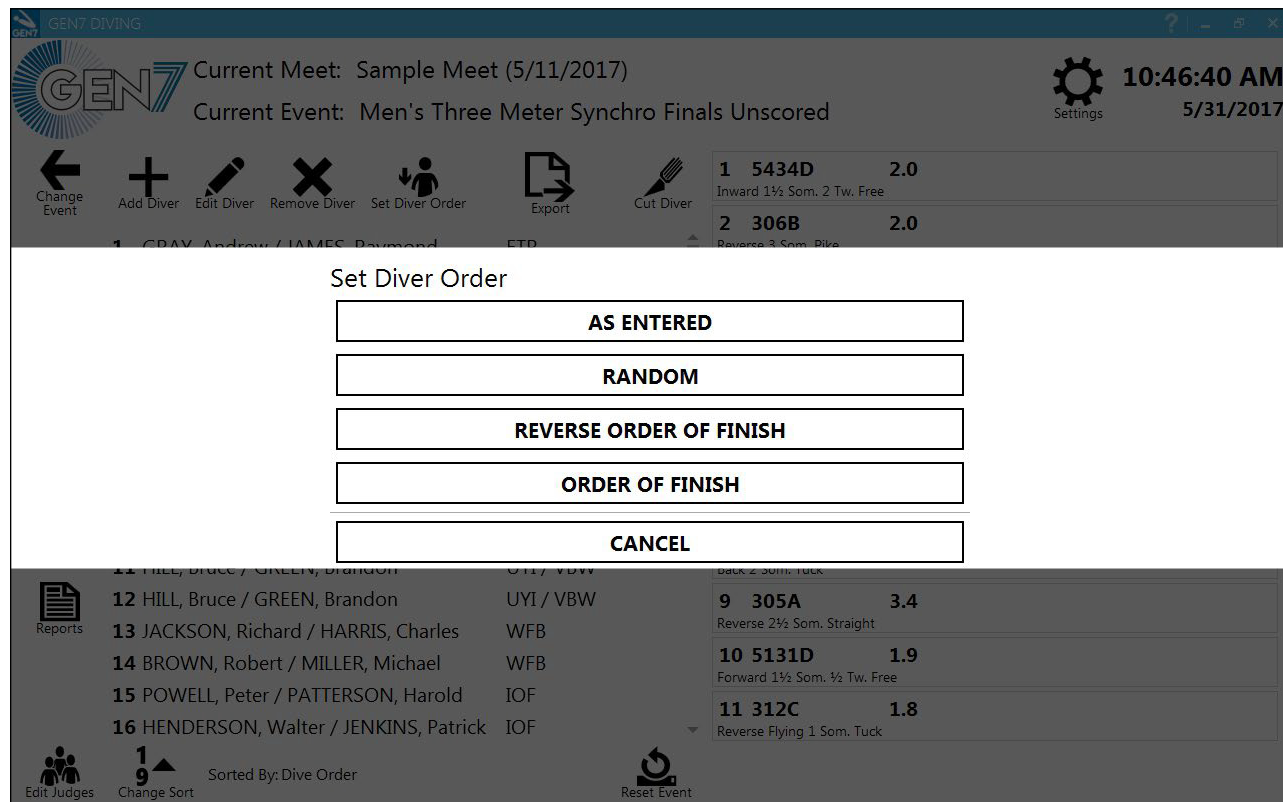
Reports Edit Judges Change Sort Sorted By: Dive Order Reset Event

1 5333D 2.5 40.00
Reverse 1½ Som. 1½ Tw. Free
5.5 5 5.5 5.5 4 5 5.5
2 405C 2.7 22.95
Inward 2½ Som. Tuck

5 403C 1.9 15.20
Inward 1½ Som. Tuck
2.5 3 2.5 3 2.5 2.5 3.5

To remove a diver from an event: Click on the name of the diver that you would like to delete. Click the Remove Diver button and the confirmation screen will appear. Click Yes to delete the driver. Click No to cancel the delete driver operation.

Set Dive Order



When you click on the Set Diver Order button you are presented with the following options.

As Entered: This will set the event diver sequence to order that the diver data was entered.

Random: This will set the event diver sequence to a randomly generated order.

Reverse Order of Finish: This will set the event diver sequence to the reverse order of finish from the last round.

Order of Finish: This will set the event diver sequence to the same order of finish from the last round.

Cancel: This will end the diver order change without saving any changes.

Export

The screenshot shows the GEN7 Diving software interface. At the top, it displays 'Current Meet: Sample Meet (5/11/2017)' and 'Current Event: Women's Three Meter Finals Scored'. The time is 11:35:35 AM on 5/31/2017. A toolbar on the left includes icons for 'Change Event', 'Add Diver', 'Edit Diver', 'Remove Diver', 'Set Diver Order', 'Run Event', 'Edit Event', 'Reports', 'Edit Judges', and 'Change Sort'. The 'Export' icon is highlighted, and a dropdown menu is open, showing two options: 'DisplayLink Plus Names' and 'CSV Names'. The main area displays a list of divers and their scores, along with a detailed view of the current event's scores.

Diver	Club	Score
1 COOK, Cynthia	ENA	136.75
2 SCOTT, Donna	NHD	188.65
3 LOPEZ, Sandra	NHD	177.25
4 KING, Helen	NHD	321.95
5 ROBINSON, Mildred	UYI	259.25
6 GRIFFIN, Joyce	IOF	148.85
7 GONZALEZ, Judy	VBW	240.60
8 JOHNSON, Mary	WFB	226.90
9 GONZALEZ, Ruth	LSV	153.90
10 COLLINS, Deborah	ENA	258.85
11 COOPER, Brenda	ENA	157.25
12 ADAMS, Nicole	VBW	134.95
13 PETERSON, Rebecca	FTR	221.20
14 COX, Amy	ENA	211.30
15 KING, Rose	UYI	162.65
16 TURNER, Laura	LSV	283.05

Sorted By: Dive Order

Reset Event

When you click on the Export icon a drop down box will appear with two options.

DisplayLink Plus Names: Clicking this option will output the names to an XML file that can be read by the DisplayLink Plus control software.

CSV Names: Clicking this option will output the names to a CSV (comma separated values) file that can be read by other applications.

Cut Diver

The screenshot shows the GEN7 Diving software interface. At the top, it displays 'Current Meet: Sample Meet (5/11/2017)' and 'Current Event: Women's Three Meter Finals Scored'. The time is 9:19:04 AM on 5/31/2017. A toolbar includes buttons for 'Change Event', 'Add Diver', 'Edit Diver', 'Remove Diver', 'Set Diver Order', 'Export', and 'Cut Diver'. A list of divers is shown, with '1 COOK, Cynthia' selected. A confirmation dialog box is open, asking 'Really cut diver "COOK, Cynthia" from this event?' and 'This diver will be skipped for the remainder of the event.' with 'Ok' and 'Cancel' buttons. The background shows a list of divers and their scores, including '10 COLLINS, Deborah', '11 COOPER, Brenda', '12 ADAMS, Nicole', '13 PETERSON, Rebecca', '14 COX, Amy', '15 KING, Rose', and '16 TURNER, Laura'. A 'Reports' icon is also visible.

When you click the Cut Diver button from the current event you will be presented with a confirmation dialog box asking you: Really cut diver “Lastname, Firstname” from this event. Click Ok to accept the changes and the diver will be cut from the diver list. Click Cancel to discard the cut diver operation.

Cut divers remain in the diver order but are skipped. This is usually used for last minute scratches.

Run Event

GEN7 DIVING

Current Meet: Sample Meet (5/11/2017)
Current Event: Women's Three Meter Finals Scored

11:49:03 AM
5/31/2017

Round: 1 of 5
1 COOK, Cynthia - ENA
5333D DD 2.5
Reverse 1½ Som. 1½ Tw. Free
Award: 40.00
Total Score: 158.75

Round: 1
2 SCOTT, Donna - NHD
108C 3.4
Forward 4 Som. Tuck

Backlight Waiting Mode Judges' Call
Off Judging Mode

OVERTAKE #1 163.20 #2 160.55 #3 145.05

1 KING, Helen - NHD (#4) 321.95
2 TURNER, Theresa - VBW (#23) 319.30
3 GARCIA, Margaret - WFB (#44) 303.80
4 WILSON, Teresa - TXA (#77) 303.50
5 COLEMAN, Stephanie - IOF (#) 303.05
6 JOHNSON, Mary - WFB (#43) 300.55
7 CAMPBELL, Sarah - LSV (#67) 297.75
8 JOHNSON, Alice - TXA (#54) 294.05
9 TURNER, Laura - LSV (#16) 283.05
10 CAMPBELL, Beverly - VBW (#8) 275.60
11 SANCHEZ, Irene - VBW (#32) 270.55
12 ROBINSON, Dorothy - NHD (#) 268.55
13 LEE, Nancy - NHD (#75) 268.40
14 COOPER, Andrea - MNV (#86) 266.50
15 THOMAS, Jennifer - WFB (#26) 264.15
16 ROGERS, Shirley - ENA (#18) 263.15
17 RODRIGUEZ, Lisa - NHD (#25) 261.50

5.5 5.5 5.5 5.5 4 5 5.5

0 1 2 3 4 5 6 7 8 9 10
½ 1½ 2½ 3½ 4½ 5½ 6½ 7½ 8½ 9½

Resend Scores Penalty Fail

When you click the Run Event button you will be presented with the Run Event display.

Current Diver: Displays the information for the current diver that is being judged.

Previous and Next Icons: These allow you to navigate forward and backward through the diving order.

Edit Dive: Allows you to edit the dive “on the fly”.

Next Diver Information Box: Gives you insight to the next diver in the dive order.

JT Control: Allows you to control some of the features of the Wired Judging Terminal.

- Backlight - Use to toggle the backlight control ON or OFF on the judging terminal.
- Waiting Mode - Indicated whether or not you are waiting for any remaining judges scores.
- Judges Call - Click this button to notify the judges to get their attention.
- Judging Mode - Click to switch the judging mode input from terminal to console.

Run Event (cont.)

GEN7 DIVING Current Meet: Sample Meet (5/11/2017) 11:49:03 AM
 Current Event: Women's Three Meter Finals Scored 5/31/2017

Back Round: 1 of 5 **Previous** **Next**
 1 COOK, Cynthia - ENA **Last Skipped**
 5333D DD 2.5 **Edit Dive**
 Reverse 1½ Som. 1½ Tw. Free
 Award: **40.00** Total Score: **158.75**

Next Diver Round: 1
 2 SCOTT, Donna - NHD
 108C 3.4
 Forward 4 Som. Tuck

Clear **OVERTAKE** #1 163.20 #2 160.55 #3 145.05

LAST DIVER

LEADERBOARD

1	KING, Helen - NHD (#4)	321.95
2	TURNER, Theresa - VBW (#23)	319.30
3	GARCIA, Margaret - WFB (#44)	303.80
4	WILSON, Teresa - TXA (#77)	303.50
5	COLEMAN, Stephanie - IOF (#)	303.05
6	JOHNSON, Mary - WFB (#43)	300.55
7	CAMPBELL, Sarah - LSV (#67)	297.75
8	JOHNSON, Alice - TXA (#54)	294.05
9	TURNER, Laura - LSV (#16)	283.05
10	CAMPBELL, Beverly - VBW (#8)	275.60
11	SANCHEZ, Irene - VBW (#32)	270.55
12	ROBINSON, Dorothy - NHD (#)	268.55
13	LEE, Nancy - NHD (#75)	268.40
14	COOPER, Andrea - MNV (#86)	266.50
15	THOMAS, Jennifer - WFB (#26)	264.15
16	ROGERS, Shirley - ENA (#18)	263.15
17	RODRIGUEZ, Lisa - NHD (#25)	261.50

Reset Dive **Reports** **Resend Scores** **Penalty** **Fail**

JT CONTROL **Backlight** **Waiting Mode** **Judges' Call** **Judging Mode**

0 1 2 3 4 5 6 7 8 9 10
½ 1½ 2½ 3½ 4½ 5½ 6½ 7½ 8½ 9½

Clear: Opens the scoreboard information dialog box which allows you to clear the scores, leaderboard or both from the scoreboard display.

Overtake Information Box: Displays the points required for the current diver to overtake positions #1, #2 or #3.

Last Diver Information Box: Displays the scoring information for the diver that just had scoring completed.

Reset Dive: Restarts the process to reset the judges scoring for the current diver. A confirmation will be required to insure you would like to proceed.

Scoring Input

The image shows a scoring input interface. At the top, there are seven judge score boxes labeled 1 through 7. Judge 1 has a score of 5.5. Judge 2 has a score of 5 with a blue diagonal line. Judge 3 has a score of 5.5. Judge 4 has a score of 5.5 with a red diagonal line. Judge 5 has a score of 4 with a blue diagonal line. Judge 6 has a score of 5. Judge 7 has a score of 5.5 with a red diagonal line. Below these are two rows of buttons. The first row contains buttons for scores 0 through 10. The second row contains buttons for penalties: 1/2, 1 1/2, 2 1/2, 3 1/2, 4 1/2, 5 1/2, 6 1/2, 7 1/2, 8 1/2, and 9 1/2.

Judge	Score
1	5.5
2	5
3	5.5
4	5.5
5	4
6	5
7	5.5

Buttons: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Buttons: $\frac{1}{2}$, $1\frac{1}{2}$, $2\frac{1}{2}$, $3\frac{1}{2}$, $4\frac{1}{2}$, $5\frac{1}{2}$, $6\frac{1}{2}$, $7\frac{1}{2}$, $8\frac{1}{2}$, $9\frac{1}{2}$

The scoring input will reflect the judges entries as they are entered. You will be able to see which judges have or have not scored the diver.

When running manually or overriding a score you can click on the judge number and select the score to be entered for that judge.

Resend Scores: Resends the scoring information to the scoreboard.

Penalty: Opens a drop down menu allowing you to assess the required penalty for the dive.

Fail: Marks the dive as failed and scores it accordingly.

Reports: Opens the reports dialog box giving access to the available reports for the event.

Troubleshooting

Issue	Solutions
Backlighting on judges' terminals doesn't work	<ol style="list-style-type: none">1. Check that the interface hub is plugged into a working AC outlet. Backlighting on JT-01s is only available when it is.2. Check that backlighting is enabled in the software.
Software won't let me run event with more than 8 divers	<ol style="list-style-type: none">1. IH-01 must be connected to the laptop. Check the cable between the two.
Data not displayed on scoreboard	<ol style="list-style-type: none">1. Check that the interface hub is plugged into a working AC outlet, and that the power LED on the IH-01 is green.2. Check cable connections to IH-01.3. Follow scoreboard instructions on page 3.



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