



# Standalone Wind Gauge Controller

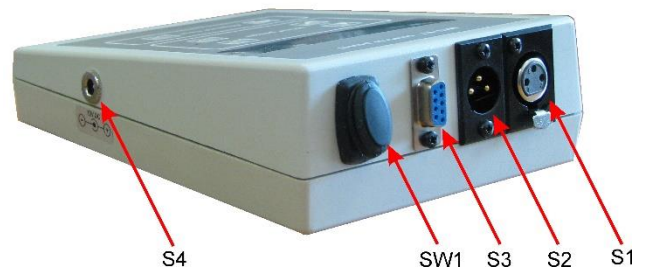
## Quick Start Guide (v1.01)

### Introduction

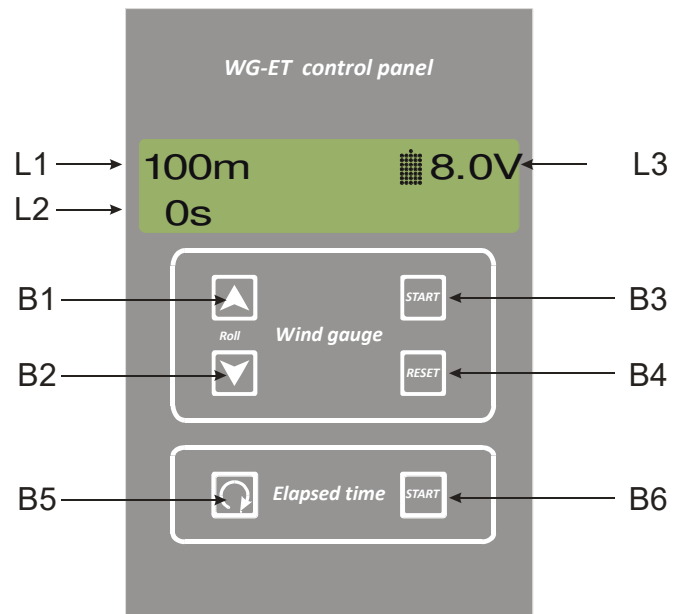
The following guide will walk you through the setup, configuration, and operations of the controller. If at any point you need additional help, please contact Technical Support: [support@finishlynx.com](mailto:support@finishlynx.com).

### General Information

S1	Female XLR – WG-Lynx connection
S2	Male XLR – PC connection
S3	Female DB9 – Display connection
S4	Power connection
SW1	Power switch



L1	Selected event
L2	Measurement duration
L3	Power meter (minimum 7,2V)
B1	Roll up button
B2	Roll down button
B3	Start measurement button
B4	Cancel/Reset button
B5	Elapsed time/countdown selection button
B6	Start elapsed time/countdown





### Setup 1 Basic standalone mode

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\*In this setup, FinishLynx or FieldLynx do not receive data from the controller.

1. Connect the WG-Lynx wind gauge to **S1**.
2. (Optional) Connect the Remote port on the Gill E4982x display to **S3**.
3. Turn on the controller.
4. To modify the Selected Event (**L1**), use the Roll Up (**B1**) or Roll Down (**B2**) buttons.
  - a. Set Selected Event to "CONT." to display continuous wind readings on the connected display.
5. Press **Start (B3)**.

### Setup 2 FinishLynx/FieldLynx Controlled mode + Gill display (E4982x)

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\*In this setup FinishLynx or FieldLynx control the wind gauge and relay the wind reading to the controller to be sent to the display. The controller is used to direct the data to the correct device.

1. Connect the WG-Lynx wind gauge to **S1**.
2. Connect the FinishLynx or FieldLynx serial port to **S2** using the adapter labelled "Controller-Serial".
3. Connect the Remote port on the Gill E4982x display to **S3**.
4. Turn on the controller.
5. Select the **FL-Display 7E1** protocol.
  - a. Press Reset (**B4**) to access the menu options.
  - b. Use the Roll Up (**B1**) or Roll Down (**B2**) buttons to show **FL-Display 7E1**.
  - c. Press **Start (B3)** to apply the setting.
6. Configure FinishLynx or FieldLynx to connect to the Lynx wind gauge (9600,8,N,1).

### Setup 3 Standalone mode with FieldLynx

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\*In this setup, the wind gauge is controlled by the controller and the measured wind reading is sent to FieldLynx.

1. In the FieldLynx Wind Options:
  - a. Select the WG-Lynx wind module.
  - b. Select Custom Mode
  - c. Set the Interval: to -1.
  - d. Select the serial port connected to the controller (9600,8,N,1).
2. Connect the WG-Lynx wind gauge to **S1**.
3. Connect the FieldLynx serial port to **S2**.
4. (Optional) Connect the Remote port on the Gill E4982x display to **S3**.
5. Turn on the controller.
6. To modify the measurement duration (**L2**), use the Roll Up (**B1**) or Roll Down (**B2**) buttons.
7. In FieldLynx, select an athlete for a horizontal jump and click on the Wind icon.
8. Press **Start (B3)**.

### Overview

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Connecting diagram





### Protocols

GILL W	Controller manages wind reading parameters (start, duration). Lynx wind gauge sends data to controller. Controller receives data from Lynx wind gauge and sends the wind reading to a connected PC and/or a display using the Gill protocol.
GILL W+T	As above. Countdown of elapsed time is possible.
GILL W+T & OSTAR	As above. Also sends Ostar protocol.
OSTAR	As above. Does not send Gill protocol.
*FL-display 8N1	FinishLynx/FieldLynx (FL) manages wind reading parameters (start, duration). Lynx wind gauge sends data to FL. The controller receives the wind reading from FL and sends it to the display (9600, 8, N, 1)
*FL-display 7E1	As above. Supports Gill E4982x display (9600, 7, E, 1).

\*The controller does not need an operator in this mode.

### Notes:

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