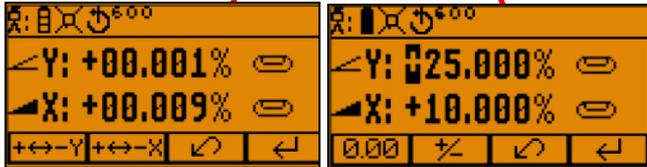


# GL6X2 – Quick Card



**Grade Entering mode**  
**Step + Go or Digit Select (Default)**

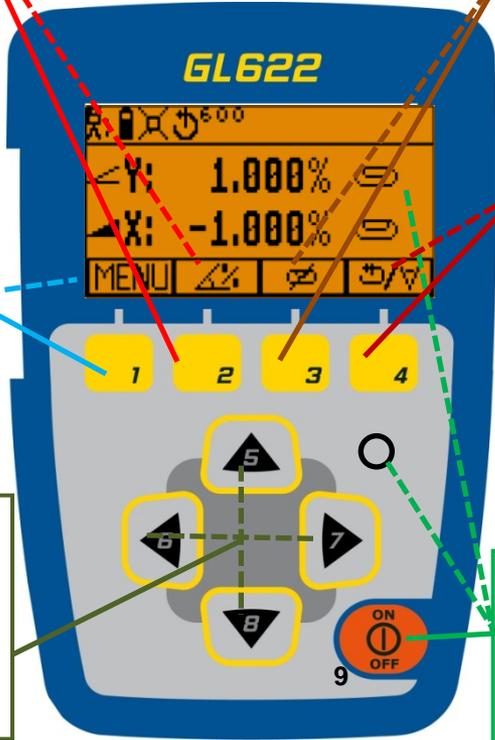


**Manual Mode On/Off**  
 5 + 8 change Y-slope  
 6 + 7 change X-slope

**Rotation Speed / Scan mode**  
 Quickly press and release **4** to toggle through the pre-selected **rotation speeds** (GL622: 0, 80, 200, 600, 900 rpm/GL612: 300, 600, 900 rpm). Press and hold **4** for three seconds changes the unit into **Scan mode** (GL622). When in scan mode, quickly press and release button **4** toggles through the pre-selected scan sizes (5, 15, 45, 90, 180°).

**Starts the MENU entry**

**5 to 8 Up/Down; Left/Right**  
 Change the Y-/X- slope in manual mode. Navigate through the menu and change values.  
**6 + 7** vertical direction alignment



**Press quickly – On**  
**Press and hold 2 seconds-/Off**  
 LED + Bubbles flash during self-leveling. If a grade value has been dialed in, the GL starts the temperature-reference check - thermometer symbols flash

Spectra Precision Division  
 8261 State Route 235  
 Dayton, Ohio 45424-6383 U.S.A.  
 +1 937 245 5600 Phone



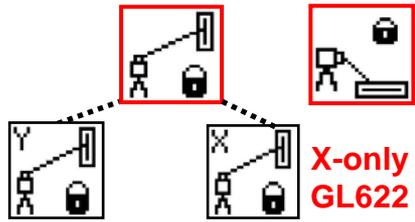
LASER RADIATION  
 AVOID DIRECT EYE EXPOSURE  
 CLASS 3A/3R LASER PRODUCT

# MENU Functions horizontal

Press button 1 to enter the menu  
 5 – 8 scroll through the menu - **selected icon** will be **highlighted**  
 4 opens the submenu OR **starts** the selected function.  
 3 changes the unit back to the standard or previous display.

**Automatic PlaneLok**

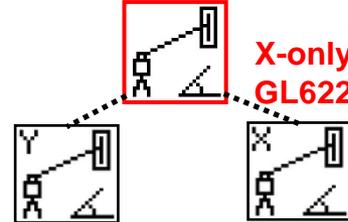
Horizontal      Vertical



**X-only GL622**

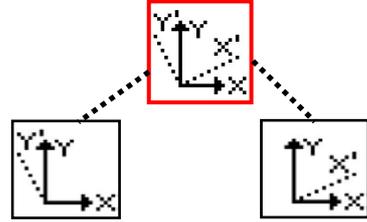
The laser searches for the HL750. Flashing  becomes solid when PlaneLok is complete.

**Automatic Grade Match**



**X-only GL622**

**Automatic Axis Alignment**  
**only GL622**



**Y' or X'** confirm an Axis Alignment has been performed successfully.

4 activates/deactivates **Standby**

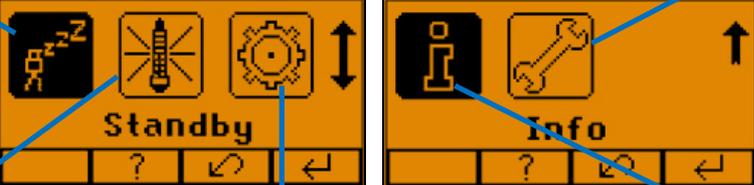


**PlaneLok**



Select **Service**; buttons **6/7** toggle between **Calibration Y** and **Cal X** OR **Cal Z** when set up vertically. Special Field calibration instructions are available.

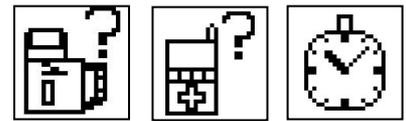
**Standby**      **Info**



button 4 starts additional **Reference Check** in Grade mode considering the current temperature inside the housing while the rotation will be stopped.

button 4 opens the **Setting Menu**; select the desired function then press 4 to open the selected **submenu** function OR **start** the selected function.

Select **Info** ; buttons **6/7** toggle between **GL, RC** and **GL-Runtime**



# MENU Functions vertical

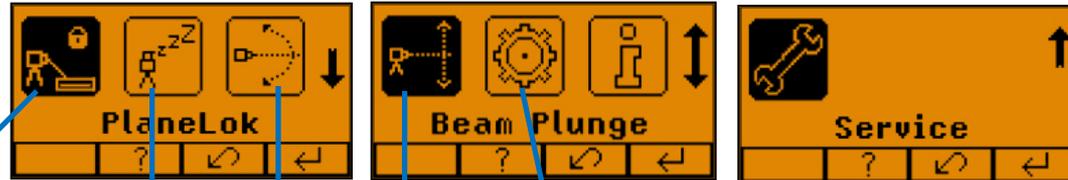
Press **button 1** to enter the menu

**5 – 8** scroll through the menu - **selected icon** will be **highlighted**

**4** opens the submenu OR **starts** the selected function.

**3** changes the unit back to the standard or previous display.

Menu: Radio -  
controlled



## Automatic PlaneLok

The laser searches for the HL750 (**Photocell on the bottom side**). Flashing  becomes solid when PlaneLok is complete.

**4** activates/  
deactivates  
**Standby**

button **4** opens the **Setting Menu**; select the desired function then press **4** to open the selected **submenu** function OR **start** the selected function.

## Automatic Line Scan

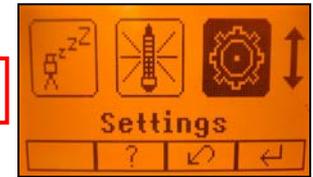
Line Scan centers the rotor horizontally => to align the plumb beam to a desired horizontal position.  
**3** (ESC) stops the movement => unit in manual mode.  
Corrections up /down => buttons **5/8**; left/right => **6/7**

## Automatic Beam Plunge (only GL622)

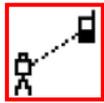
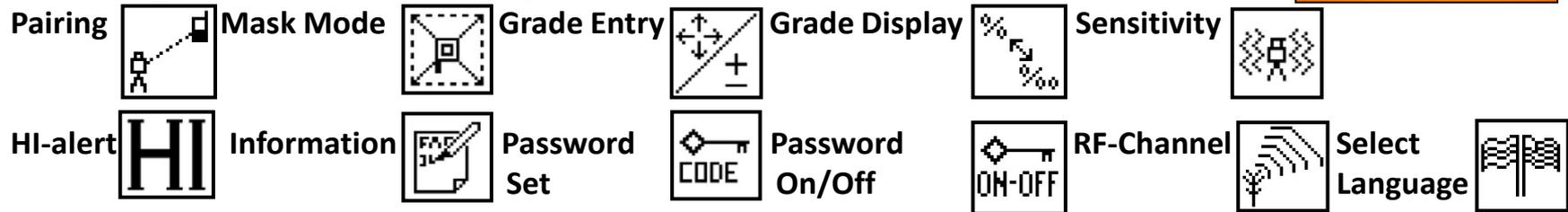
Beam Plunge centers the rotor vertically => to align the plumb beam to a desired vertical position, e.g., when doing Interior layout.  
**3** (ESC) stops the movement => unit in manual mode.  
Corrections up /down => buttons **5/8**; left/right => **6/7**

# Settings

Enter the **MENU** with button **1** at the Standard Display and select **Settings** with button **4**.



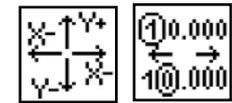
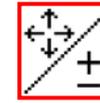
The Setting Menu offers the following functions:



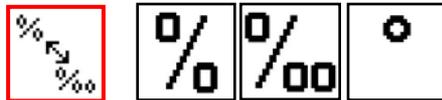
**Pairing GL with RC + HL750**  
Select **UL** at the HL750 menu



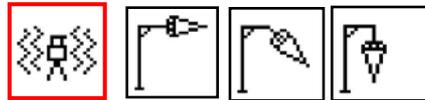
**Select Mask sectors**



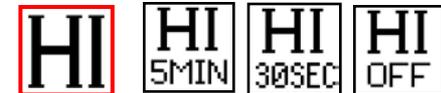
**Select Step and Go or Digit Select** use **6/7**;  
confirm with **4**



**Select Percent, Per mille or Degree** use **6/7**;  
confirm with **4**



**Select Sensitivity – Low, Mid or High** use **6/7**;  
confirm with **4**



**Select HI-alert – 5 min., 30 sec. or HI-Off** use **6/7**;  
confirm with **4**



**Edit User Info** use **5/8** and **1/2**; confirm with **4**



**Edit Password**  
use **1 to 8**; confirm with **4**



**Select Password On/Off**  
use **6/7**; confirm with **4**