

## **LH51/52/70/71 LG10 Common Questions**

**Q: I have found out that my current display is now discontinued. What does this mean?**

A: To be ROHS compliant, many displays are being completely revamped to adhere to the stricter environmental policies. Because of this, LH51/52 and LG10 are being replaced by LH70/71 Digital Readouts.

**Q: I currently have a 3 axis LH70/71 display, and the 3rd display is not showing the readout position, but instead it is showing a tool number.**

A: For a 3 axis, there are two choices. The first choice is that there is a 2 axis "Lathe" display with the 3rd display showing the tool number, and the 3rd axis being an input for an add/subtract scale on a cross slide compound of sorts. The second choice is the display is set as a "General" display. In this setting, each input in the display shows for each axis. This will not show any tool numbers as the axis is not set to show positioning.

These settings are in the "Initial Settings" and set by powering off, holding the setup button, and then scrolling through the settings by selecting enter. Please refer to the instruction manual that came with your display for a broader explanation.

**Q: How do I change the settings on a LH70 / LH71 Display?**

A: The settings listed below are done within the setup function.

Model Settings "Type" (Set the display from a Lathe to Mill / General Display)

Destination Country "Country" (Setting for language, English or Japanese)

Measuring Unit Resolution "Sig Res" (Setting the scale resolution, i.e. matching the display to the scale)

1) Power off the display

2) Power on the display back up. When the display quits blinking "SONY", depress and hold the [SETUP] button for about 5 seconds, after which it should show "TYPE". If nothing changes, then release the [SETUP] button, and retry the 5 second hold.

3) It should now display "TYPE"

To set the display type (Lathe or General), depress the grey left arrow key [<] for the X Axis (just below the yellow X axis reset button). After depressing, it should scroll through the type selections "LATHE" and "GENERAL". For Lathes, select "LATHE", and for mill select "GENERAL", then push [ENT].

To set the Country, depress the blue arrow up button (below the blue ½ button) until "COUNTRY" is displayed. Depress the grey left arrow key [<] for X Axis (just below the yellow X axis reset button). It should scroll through 3 country selections; "US", "JPN", and "STD". For English, select "US" and press [ENT].

To set the Signla Resolution, depress the blue arrow up button (below the blue ½ button) until "SIG RES" is display. Depress the grey left arrow button [<] for each needed axis to be set, and it will scroll through the nine types in a loop:

- "0.5 u" (For GB Scales)
- "0.1" (For DK Probes)
- "00.10.00"
- "00.01.00"
- "00.00.10"
- "00.00.01"
- "10 U" (For PL20 reader head / SL130 / SL220 Scales)
- "5 u"
- "1 u" (For SJ300 / SJ700 Scales)

Select the resolution to match the scale per axis, i.e. set each X,Y,Z axis per scale type then depress the [ENT} button to set.

4) Depress the [SETUP] button and "CANCEL" will be displayed.

5) Depress the grey left arrow button [<] for X axis, and it should display "FINISH".

6) Depress the blue [ENT] to save into memory.

7) The display will then show "DSP RES" (Display Resoltion). Depress [SETUP] to complete.