LOGIQ e Quick Guide

1. Power
2. Time gain compensation (TGC).
3. New patient.
4. Gain/Auto optimization.
5. Power Doppler
6. Preset.
7. End exam
8. Imaging/measurement keys:
   a) Cursor
   b) Clear
   c) Body Mark
   d) Calcs
   e) M/D Cursor
   f) Scan Area
   g) Enter
10. Switch between left and right screen.
11. Freeze.
12. Print Keys.
14. Alphanumeric keyboard: use the keyboard to enter patient information and annotations.
15. Soft key knobs/menu select keys.

- Help key: Brings up searchable full manual.
- Reverse: Press to reverse image, left/right.
- ECG button
- Further image optimisation
- Continuous wave doppler
- Harmonics
- Report.
- Press to access patient report mode
- Steer
- Colour Doppler
- PW Doppler
- M Mode
- B Mode
- Comment.
- Add annotations.
- Switch to enter the set up function pages and configure the system.
Connecting the Probe
1. Handling the probe carefully, slide the connector straight into the port whilst the machine is not imaging (e.g. turned off, patient entry screen or in a frozen image).
2. Lift the probe latch into place.

Entering Patient Data
1. Press the “Patient” Key [3]
2. Enter a name and unique patient ID (required to store images, this can be set to generate automatically).
3. Select “Register”
4. Select “Exit” to leave the patient screen.

Selecting a Preset
1. Press the “Preset” key [6]
2. Use the pointer arrow to select the appropriate exam type you will be performing.
3. Press the “Enter” key [8-g]
4. The system will then go to the scan screen.

Frequency – is changed using the top left soft key in B-Mode. A higher frequency setting provides higher resolution to the image, however, penetration is reduced. A lower frequency setting improves penetration ability, however, the resolution is diminished.

Depth – is controlled by rotating key [9]. Adjust so that the region of interest occupies approximately ¾ of the screen. A depth scale is displayed next to the image.

Gain – Increases or decreases the overall brightness of the image. Rotating key [4].

Focus – Controlled by the far right soft key in B-Mode. Rotate to move the focal position up and down the depth scale. Press and rotate to change the number of focus points. Press again to return to focus position control.

Measurements
1. Freeze the image and scroll back through the paused images using the track ball to select an appropriate image.
2. Press the “Calcs” key [8-d], a calliper will appear.
3. Place the calliper in the appropriate position and press “Enter”
5. Place the second calliper in the appropriate position and press “Enter”. A measurement box appears with the measurement you have just completed.

6. Pressing “Calcs” again will bring up another cursor to make a second measurement. If measurements are complete press “Clear” [8-b] or “Freeze” to exit measurements.

Annotating an image
1. To add text to an image, begin typing on the keyboard. The word fill-in function will offer words while typing. Press the “tab” key on the keyboard to accept an offered word. Pressing the “Comment” key [space bar] places a cursor or choose a word from the comments library with the pointer and press the “Enter” key.
2. To set the text position on the screen, place the cursor in the desired location and press the “Enter”. Set text is yellow.
3. To edit or move set text, reselect the text with the cursor. Editable text is green.

Colour Flow
1. Press the “CF” key [4]
2. The colour box appears over the B-Mode image.
3. Use the trackball to move the colour box.
4. Press “Scan Area” [8-f] to change the size of the colour box using the trackball. Press “Scan Area” again to set the colour box.

Power Doppler
1. Press the “PDI” key [5]
2. Adjust as per the colour flow.

Split Screen
1. Press the “Start (L)” key [10] to display the left side of the image live.
2. Press the “Stop (R)” key [10]. The left side will freeze and the right side will be live.
3. Toggle between “L” and “R” to obtain desired image.
4. Press “Freeze” to freeze both images.

Storing Images
1. Press “P1” to store images to the clipboard/hard drive.
2. Press “P2” to print to a thermal printer (if included).
3. Press “P3” to store JPEG/AVI to a USB Memory stick.
4. Pressing a “P” button on a frozen image stores a still image.
5. Pressing a “P” button on a moving image stores a clip.

End Exam
1. Press the “End Exam” Key [7]
2. Choose “Permanent Store”.