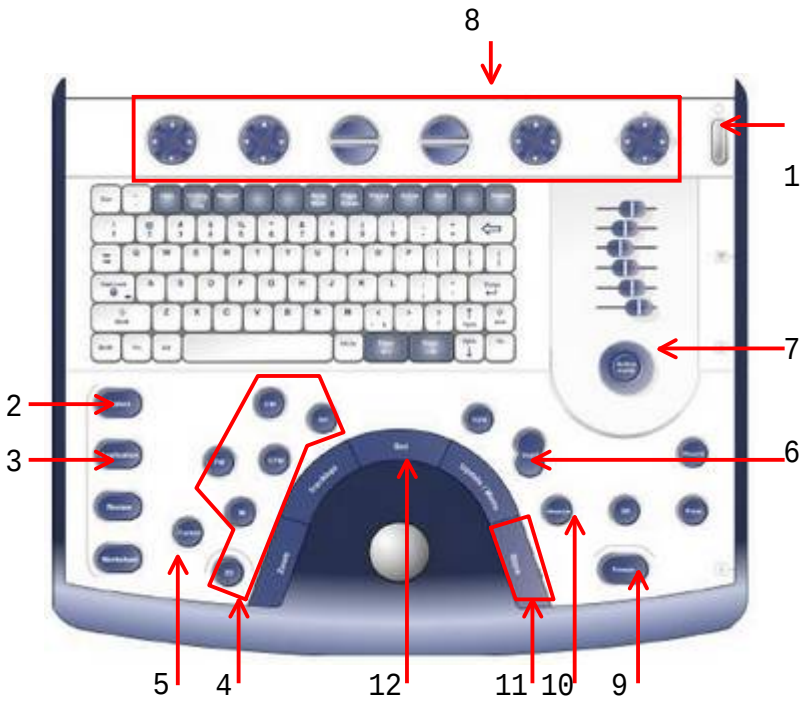
Basic operation of a Vivid i

An overview at a glance



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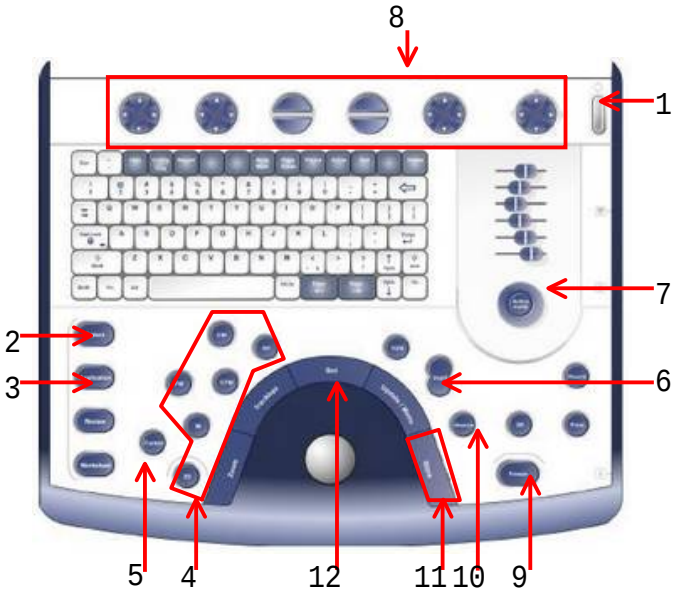
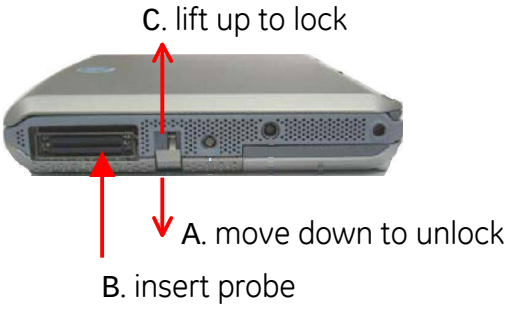
NOTE

This hand out is additional training material.
For more information please refer to the user manual and/or reference manual.

Keyboard overview



Connecting the probe



1. On / Off
2. New / end examination
3. Probe selection
4. Div. Modalities
5. Cursor
6. Depth
7. Gain
8. Soft keys
9. Freeze
10. Measurement
11. Image Store
12. Set button

Switching on the system: Press the On/Off button (1) until you hear the noise of the fan

Login on into the archive: Press the Patient button (2). Select the Operator- add the Password- then press Log on

Create a new patient examination: Select Create New Patient / New Exam from the list

Enter the patient data: Last name, first name, Pat.ID, Birthdate
Press Create Patient (8) if the patient is new OR
Select the patient from the list and press Select Patient (8)
If the Patient information screen appears on the monitor press Begin Exam (8)

Select the probe: Press the Application button (3)- click on the probe name and choose the preset from the list

Image optimization

2D image: Depth (6) –Gain (7) - TGC –Sector width (8) –Frequency (8) - Focus position (8)

M-Mode: Press the Cursor button (5) - position the line on the right place- press the M-Mode button (4)
Gain (7) - Horizontal sweep (8)
Press the 2D button (4) to go back to normal 2D imaging

Color flow: While in the 2D press the CFM button (4)
Move the ROI with the trackball – change the ROI size by pressing Set (12) and use the trackball – Gain (7)

Doppler: Press the Cursor button (5)– position the line on the right place– add PW/CW- Doppler (4)
Gain (7) – Baseline (8) – Scale (8) - Horiz. Sweep (8)
Press the 2D button (4) to go back to normal 2D imaging

Image storage: Loop: while the image is running press the image Store button (11)

- EITHER the loop is stored automatically OR
- See the loop running on the screen and decide if it fits. If yes press the Store button (11) again. If not press the Freeze button (9) and start scanning again

Still frame: press the Freeze button (9) to stop the image, scroll with the trackball to select an image and press the Store button (11)

Measurements: Press Freeze (9)– scroll with the trackball if needed- press the button for Measurements (10)

Finishing the examination: Press the Patient button (2) - Select End Examination from the list