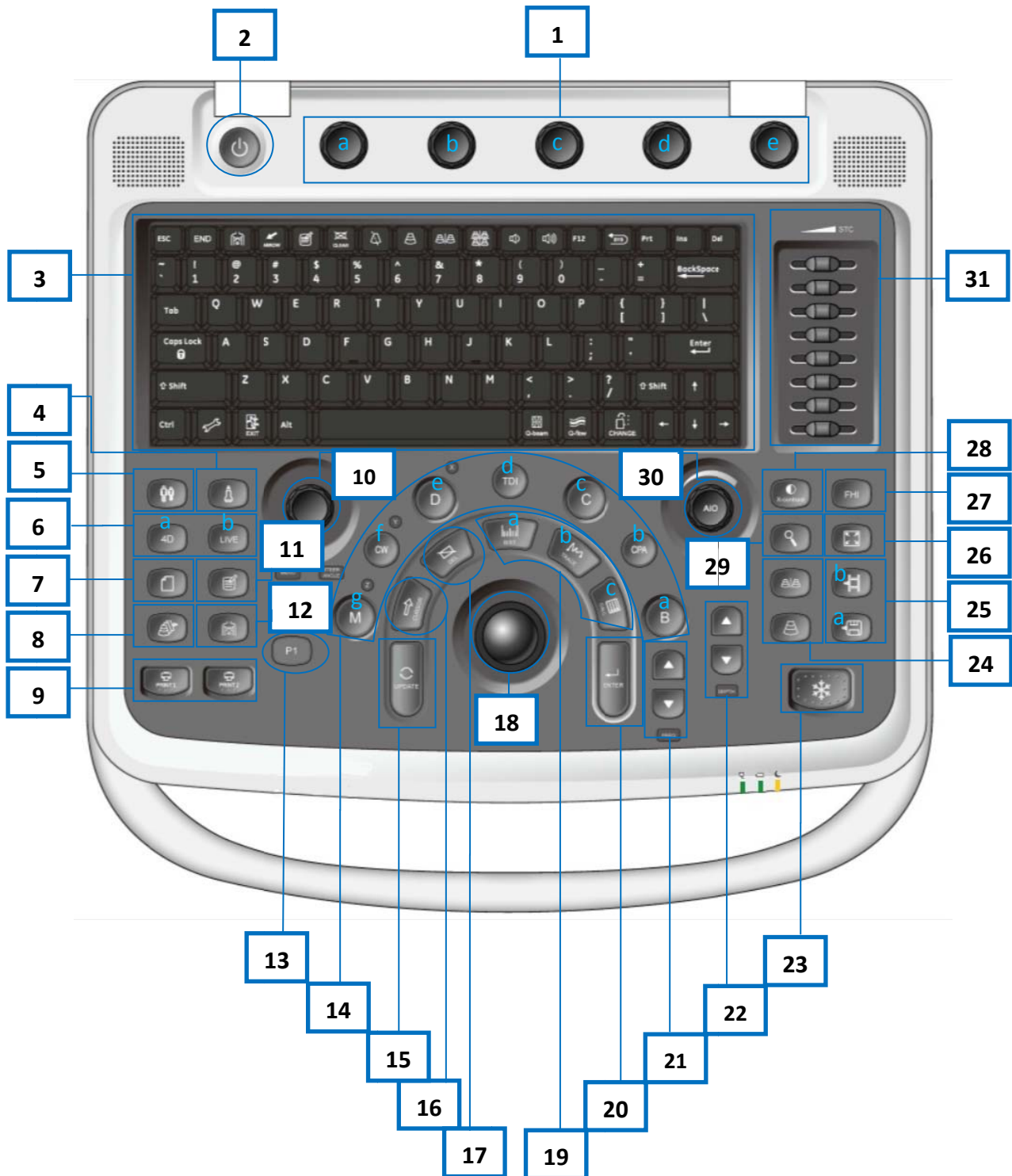


CHISON SonoBook 8 Quick Reference Guide





1. Parameter adjustment area(Key1-a, Key1-b, Key1-c, Key1-d, Key1-e):

NO.1		NO.2		NO.3		NO.4		NO.5	
Freq.	H3.6M	Focus Num	1	Compound	Off	SRA	Off	Zoom	
Dynamic	95	Focus Pos.		Q-image	2	Persistence	0	Zoom	0.90

1-1: Press each key to adjust the first-line parameters, such as

Frequency, Focus number, Compound, SRA, Zoom;

1-2: Rotate each key to adjust the second-line parameters, such as

Dynamic, Focus position, Q-image, Persistence, Zoom ratio;

2. Power Button: press the power button to turn on/off the system;

3. Alphanumeric Keyboard

4. Probe Selection

5. Patient Information

6. 4D Function (4D sample box and active LIVE mode, available with SONOBOOK 9 only)

7. Report

8. Archive(review the previous files)

9. Print

10. Menu(subordinate adjustment parameters) /Angle

11. Comment

12. Body Mark

13.P1(user-defined key)

14. Function Select (B,C,D,M mode, TDI , CW, CPA mode)

15. Update

16. Cursor

17. Delete
18. Trackball
19. Measurement and calculation package
20. Enter
21. Frequency
22. Depth
23. Freeze
24. Single image and Dual images
25. Save image & cine
26. Full Screen
27. FHI (Fusion Harmonic Imaging)
28. X – Contrast (adjust the contrast resolution to 3 levels)
29. Zoom
30. AIO(auto image optimization)/Gain
31. STC



32. End Exam
33. Body Mark
34. Arrow
35. Comment
36. Clear(clear all the arrow, comment, body mark)
37. Biopsy(guide line for biopsy)
38. Single image
39. Dual images
40. Four images
41. Audio down
42. Audio up
43. System recover(back to factory mode)
44. System Setting
45. Exit
46. Q-Beam(multi-beam former)
47. Q-Flow(enhance the sensitivity of low-velocity flow)
48. Change(change the measurement package)

Quick Reference Guide

Getting Started

Establish New Patient

1. Press [Patient] (**Key5**), fill in the basic patient information via alphanumeric keyboard
2. Press [Probe] (**Key4**), select probe and exam mode

Scanning

B Mode

1. Adjust the interested parameters such as gain (**Key30**), STC (**Key31**), frequency (**Key1-a**), dynamic (**Key1-a**) etc.
2. Rotate the [B] (**Key14-a**) knob to adjust the gain, adjust frequency and dynamic range through parameters adjustment area.

CFM Mode

1. Press [C] (**Key14-c**) to enter Color mode.
2. Move [Trackball] (**Key18**) to change the position of ROI.
3. Press [ENTER] (**Key20**), and then move [Trackball] (**Key18**) to change the size of ROI, press [ENTER] (**Key20**).

PW/CW Mode

1. Press [D] (**Key14-e**)/ [CW] (**Key14-f**) to enter PW/CW mode.
2. Move [Trackball] (**Key18**) to change the position of ROI.
3. Change the size and angle of sample volume via trackball and angle key. Press [Update] (**Key15**) to get the Pulse Wave Doppler.

Image Adjustment

1. Mode displaying areas (**Key14**): Click to display the active imaging mode.
2. Parameter adjusting areas (**Key1**): Display the parameters in the current imaging mode.
3. Knob adjusting areas (**Key1**): Display the knob controlled parameters that can be adjusted by the knobs, from Key1-a~ Key1-e.

The parameters in B mode: i-image, Dynamic Range, AIO, Compound, SRA, Quad Mode, THI, Focus Number, Frequency, Focus Position, Chroma, Trapezoid, Smooth, 2D Steer, Acoustic Power.

The parameters in Color mode: WF, Sample Size, Persistence, B/BC mode, Priority, Line Density, Dual Live, Flow State, Invert, Frequency, Scale, Baseline, Map, Steer, Color IP, Acoustic Power, Smooth, Focus Position (the parameters might be displayed on different pages).

Other excellent modes (optional)

TDI mode

1. Press [TDI] (**Key14-d**) to enter TDI mode.
2. Move [Trackball] (**Key18**) to change the position of ROI.
3. Press [D] (**Key14-e**) to enter TDI+PW mode; Press [M] (**Key14-g**) to enter TDI+M mode

Color M Mode

1. Press [C] (**Key14-c**) to enter Color mode.
2. Press [M] (**Key14-f**) to enter Color M mode.
3. Move [Trackball] (**Key18**) to change the position of ROI.
4. Press [Update] (**Key15**) to get the spectrum

Free M Mode

1. Press [M] (**Key14-f**) to enter Color M mode.
2. Press [Update] (**Key15**) to get the spectrum
3. Press [Menu] (**Key10**), and press it again to enter [Free M Mode], then rotate [Menu] (**Key10**) to choose 1,2 or 3 sample lines

Realtime Panoramic Imaging

1. Press [Menu] (**Key10**), and rotate it to choose [Realtime Panoramic],
2. Press [Menu] (**Key10**) again to enter this mode

Measurement

1. Press [Freeze] (**Key23**) to freeze the image before the measurement.
2. Press [Calc] (**Key19-c**) to enter the application measurement calculation packages.
3. Move the cursor to choose the measurement tool, and then choose the right measurement

Post Scanning

Comment and Body Mark

Comment

1. Press [Comment] (**Key11**) to change the comment setting position and add the comment to the image.

Body Mark

1. Press [Body Mark] (**Key12**) and choose the desired body mark.
2. Move [Trackball] (**Key18**) to place the probe marker and rotate the [angle] to adjust the orientation

Save Images or Cines

1. Press [Save image] (**Key25-a**) or [Save cine] (**Key25-b**) to save a single-frame image or a movie in real time.

Report and Print

1. Press [Report] (**Key7**), move the cursor to the comment text box and type the text.

2. Click Image to add images, and then click [Preview] to preview in A4 paper, click [Print] to print directly.

End Exam

Press [End Exam] (**Key32**) to end one examination. You may start a new exam by repeating the instructions above.

Image Management

Image Transfer

1. Press [archive] (**Key8**) to enter image management and select the image to send to USB, back up to other systems or DICOM, etc.

2. Or, Press [Review] and select the image to send to USB, DICOM, etc.

Note: For detailed information, please refer to the instruction manual.

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