

Congratulations on being the pride owner of this Audio Book Reader And Recorder,
ABRAR!

This ABRAR is specially designed for visually impaired people by SAKSHAM. that is, Samadrishti, Kshamtaa, Veekaas, Evam, Anooandhaan, Mandal.

This device is called Audio Book Reader And Recorder because it reads the audio files available on the Multimedia Memory Card and also record voice.

This ABRAR may relieve you from the difficulties you face from using any other audio playing and recording device. Moreover we are confident that with some of its special features the ABR may become your close friend.

Please note with attention how to use and handle this ABRAR.

1. While holding the ABR in your hand or placing it on your table, please do the following
2. You will find a slot at one side of the ABR. This is memory card slot. Keep this side to right.
3. There are eight embossed buttons in Braille on the face of the ABRAR. The face of ABRAR should be directed at skywards.
4. Out of the eight embossed buttons five buttons are on the upper side and the other three in a line on the lower side.
5. The upper buttons are marked in Braille as – ‘U’ for Up, ‘D’ for Down, ‘L’ for Left, ‘M’ for Middle and ‘R’ for Right.
6. The lower buttons are marked in Braille as – ‘X’ for Shift, ‘B’ for Book Mark, and ‘P’ for Power.
7. There is a small display light on the upper left side of the face. This light blinks when you are playing the device.
8. For voice recording, internal mike is provide at the top right side.
9. On top of ABRAR you will find three sockets. The one towards left is small where you have to attach the adapter pin to play on AC power supply. The middle one is Audio Out socket and is for attaching headphones or amplispeaker. The one towards right side is for external microphone.
10. The back side of ABRAR provides chamber for battery cells which has a sliding cover.
11. You can use a pair AA cell .Bellow is the list of battery along withnplay time.The play time of the battery cells depends upon its capacity, quality and potential.
 - a) Carban zinc cell – 5 hour.
 - b) Nicad rechargeable cell – 5 hour.
 - c) NiMH rechargeable cell – 10 – 12 hour.
 - d) Alkaline cell - 12 - 14 hour.
12. When you hold the ABRAR in a position where the key pad is facing you, you may find a Memory Card slought at your right side of the ABRAR.

Preparing the Memory Card –

13. Preparing the Memory card needs following processing on a computer or laptop.
 - a) Formate the memory card using memory card reader and pc. The type of formate should be FAT 32.
14. First ensure that the audio tracks to be loaded to memory card are renamed according following pattern either on the hard disk of computer or after loading to memory card.

15. The book title file and chapter file should be in the same audio format.
- The file formats supported are as follows:-
 - a) MP3 – 8Kbps – 320Kbps
 - b) WMA - 8Kbps – 48Kbps
 - c) WAVE - 8Kbps – 48Kbps
16. The book title file should be of six alphabets. Example – ABCDEF (either capital or small case). You can have maximum 31 subjects on one memory card
17. The chapter files should be of the same six alphabets plus two numerics. Example – ABCDEF01, ABCDEF02 up to ABCDEF30.
18. Inconsistency in the file name or file format of book title and chapter files will leave the files unread on the memory card.
19. Insert the memory card in the card reader and attach the same to USB port.
20. Insert the 'command prompts CD' into the CD-ROM of the computer
21. Copy all the contents of the CD and paste the same to memory card.
22. After completing the above step number 18 load the audio tracks on the memory card.
23. Please note that the books played will be in order of loading. Means the book loaded first will be placed first in the book title list.

Playing back the tracks –

Before switching on power, insert memory card.

24. After providing power either by AC adapter or battery cells press the 'P' button. The ABRAR starts functioning.
25. If you start playing without inserting the memory card in the card slot, a message warning "Memory Card Error" may be heard.
26. Now hold the memory card so that its cut corner is on your right side and push the same gradually in the card slot till it stops. Do not press too hard.
27. Switch on the power button 'P'. The ABR starts talking with the words – "Power On. This audio book reader version ... is a product of SAKSHAM".
28. After this you will listen to the instructions regarding how to use the ABRAR.
29. If you do not want to continue listening to these instructions you may skip them by clicking up button 'U'. Now you will listen the first book title.
30. To locate another book title you have to click either up button 'U' again or down button 'D' button.
31. Please remember if a book title is repeated five times and no further button is pressed the ABRAR automatically gets switched off to save the battery getting unnecessarily consumed.
32. If you still want to use the ABR again click the power button 'P' to listen to the instructions again. Skipping the instructions and coming back to book title level.
33. Now if you want to listen to any chapter from a particular book-title click on the right 'R' button after the required book title is called. Now you will be on chapter level and by default you may start listening to the first chapter.

34. If you want to skip the first chapter and access another one, click either up 'U' or down 'D' button to reach the desired chapter.
35. To quickly access the desired chapter you may keep the up 'U' or down 'D' button pressed, count approximate numbers of various chapters and release the button to notice the chapter you have selected for listening.
36. During playing a chapter if the same is not intercepted by pressing up or down button the reading will continue till end of the chapter and will automatically switch over to next chapter. This may go on till last chapter and may repeat reading the first chapter again.
37. When you are in chapter level and chapter reading is continued you can jump forward by clicking right button 'R' and go backward by clicking left button 'L'.
38. You can pause the playing by clicking the middle button 'M' and continue playing again by pressing the same button that is 'M'.
39. If the ABR is kept on 'pause mode' for more than 4 minutes the same will go off after warning as 'power off'. This setting has been made to save the battery getting unnecessarily discharged. In this situation if you start the ABRAR again the same chapter will continue from beginning.

Clearing book marks –

- For Book mark to function properly you will need following files on memory card

- 1) BKMARK
- 2) BKMARK01

40. A special feature of the ABRAR is 'Book marking or Chapter marking'. If during chapter reading you want to mark the same chapter to continue after sometime in future say after some hours or days without consuming the power click the 'B' button. Later whenever you switch the ABRAR on and play by selecting book title 'Chapter Marked' you may have access to marked chapters.
41. You can mark maximum 10 tracks.
42. To clear the chapter mark keep button 'B' pressed and then click the power button 'P'. All the marks excluding the first one will be cleared.
43. For coming back From chapter level to book title level click the middle button 'M' to pause the reading and then click the left button 'L'. Then you can again select a book title by clicking up 'U' or down button 'D'.
44. Whenever you want to stop reading click the power button 'P' once and the ABRAR says 'Power off'. There is no need to eject the memory card every time from the card slot.
45. Unplug the charger if playing on AC power.

Controlling the volume level from ABRAR -

46. To control the volume level there are two ways. 1. While playing keep the 'X' button pressed and click on 'U' button to raise the volume or click on 'D' button to reduce the volume. 2. Another control is from a roller button on your headphone cable for adjusting the volume if so provided on the headphone. If you are playing the ABRAR on amplispeaker you already have a volume control knob on the speaker that can be used for monitoring the volume.

Controlling the speed of playback -

47. To increase the speed of reading keep the 'X' button pressed then click on right button 'R'. To reduce the speed keep the 'X' button pressed and then click on left button 'L'.

Voice Recording with Built in Mike–

- For Recording to function properly you will need following files on memory card

- 1) RECORD
- 2) RECORD01
48. Before switching on the ABRAR keep the Left 'L' button pressed and click once the Power 'P' button. Do not release the 'L' button until you hear "Recording starts".
49. Begin voice recording.
50. You can control the volume level of recording, for which keep the 'X' button pressed and then click Up button 'U' to raise the volume level or Down button 'D' to reduce the volume level.
51. To stop recording just click the Left button 'L' to hear the message 'Recording ends'.

Voice recording with External mike for better voice quality –

52. First insert mike adapter pin in to the mike in socket.
53. Insert the pin of mike into the mike adapter.
54. Start recording after following above procedure.
55. To stop recording click 'L' button to hear 'Recording ends'.

Maintaining the ABRAR in good condition -

56. To keep the ABRAR in good working condition and protecting it from any damage please take the following precautions.
57. Do not expose the device to water ,sunlight and extreme heat.
58. Do not let the device fall on a hard surface.
59. Press all the buttons of ABRAR gently. There is no need to click with a hard pressure..
60. Insert the memory card in the card slot gently and push only until it stops. Please note that some part of the memory card always remains out of the slot.
61. Do not remove the memory card while the ABRAR is active or playing. otherwise the memory card may get corrupted.
62. Always keep the memory card in the card case when not in use for longer period.
- 63. Please remember to use the ABRAR on power when using indoors and on battery only during travel or non availability of power supply.**
64. If during six months from purchase any manufacturing defect is observed, free repairs may be provided by SAKSHAM. However if the defect has been caused due to mishandling of the ABRAR the repairs may be at cost.
- 65. SAKSHAM will not be responsible if the ABRAR is repaired by any unauthorized person.**
66. Should you need any further information or assistance please contact at SAKSHAM, 16, Devadutta Bhavan, Raana Prataap Square, Raaanaa Prataap Nagar, Nagpur, Maharashtra, 440022 by mail or phone number 07122244918, or mobile number 09890073287.

Now to start reading your book of choice click the up button 'U'. Thank you!

Technical specification

Battery	1800mAh – 2500mAh
Battery Type	Nicad, Nimh, Alkaline
DC Adapter	6V DC
Adapter Supply	230V AC, 50 Hz
Socket	Ear Phone, Ext MIC
Storage	MMC, SD CARD
Storage Capacity	16 MB to 8 GB
Audio Output	Stereo .5 watt
File Format	MP3, WAVE, WMA
Sample Rates	8Kbps - 320Kbps
Recording Format	16Kbps, mono, 16bit
Dimension	135 mm X 70 mm
Weight	116 Gms
Thickness	24 mm