

UltraDisk®

www.UltraDisk.co.uk

MP3 Digital Voice Recorder **User Manual**

UltraDisk® DVR 7



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Function overview

- One-touch recording
- Three recording modes
 - LP – standard recording, hold to record, MP3 format 32kbps
 - SP - good quality recording, voice activated recording, MP3 format 128kbps
 - HP - high-quality recording, MP3 format 192kbps
- Recording monitor and hearing aid function
- USB plug & play - no USB cable required
- Telephone conversation recording capability
- Record via external microphone
- Automatic recording-section-break function
- Recording time setting function
- MP3 music player
- Low-battery indicator
- Built-in speaker
- USB flash disk
- FM radio (Selectable)
- A-B marker repeat function
- Built-in lithium battery

Technical specifications






Size: 96mm*30mm*13mm	Weight: 34g
Power: lithium battery 3.7V 180mAh	
Flash memory: FLASH 1GB to 4GB	
Sampling rate: LP 32Kbps - SP 128Kbps - HP 192Kbps	
Recording time	1GB: LP 70 hours/SP 17 hours/HP 11 hours
	2GB: LP 140 hours/SP 35 hours/HP 23 hours
	4GB: LP 280 hours/SP 70 hours/HP 46 hours
Recording Format: MP3	
FM radio(Selectable): 87.0~108MHz	
Frequency response 20Hz~20KHz	
MP3 signal rate 80db	
Maximum output: 10mw(L)+10mw(R)	
Supports Operating Systems: Windows 98/Me/2K/XP/Vista/7	
Music Player Format: MP3 and WMA	
Default HP Recording Format: MP3 192kbps	

Precautions

- ⚠ Please turn off the recorder by pushing the power switch to "OFF" if you are not using the recorder
- ⚠ Please recharge the battery fully when the low-battery indicator is shown on the screen
- ⚠ Please read the instruction manual carefully before using
- ⚠ Please keep the recorder away from moisture and high temperature and do not place near naked flames
- ⚠ Please avoid strong vibration or shocks when using the recorder. Do not press the screen forcefully as this may cause damage to the LCD screen
- ⚠ If you find any quality related problem with the recorder please contact UltraDisk. Please do not disassemble or replace the internal parts yourself
- ⚠ Please backup any files before sending the recorder for repair. We are not responsible for the loss of files during repair or replacement of the recorder
- ⚠ Please note it is an offence to record third parties without their written approval. UltraDisk can take no responsibility for the users' recording third parties without their approval
- ⚠ We reserve the right to modify the design and specifications. We have no responsibility to give separate notice for the modification.

Appearance and Buttons



- | | |
|---|--|
| (1) Play/stop playing  | (2) Menu/Delete M |
| (3) Rewind/Back  | (4) Forward  |
| (5) Record (REC) | (6) Volume (+) |
| (7) Volume - | (8) Power Switch OFF/ON |
| (9) Earphone  3.5mm | (10) Signal-in () 3.5mm |
| (11) Screen | (12) USB plug |
| (13) Indicator light | (14) Built-in Microphone |

Operation

Switch the Recorder On

From Power Off

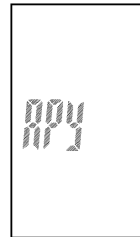
Push the power switch (ON/OFF) at the side of the recorder to the "ON" position. The screen will light up within 5 seconds; the device is now switched on.

From Standby

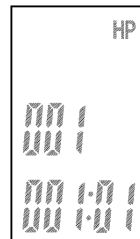
Hold and press the Play/Pause ►|| button when the recorder is in standby; the device is now switched on.



If there are no recorded files stored in the recorder, the screen will show this display:

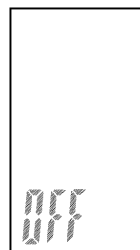


If there recording files stored in the recorder, the device will enter into standby Play mode for the recorded files. The screen will show this display:




Turn the Recorder Off

Hold and press the Play/Pause ►|| button; the screen shows OFF (see picture). The recorder is now switched off.

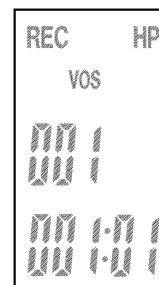


Low Battery Indication

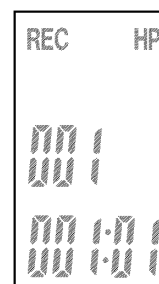
The symbol  will flash on the screen when the battery is low. The recorder will automatically switch off 30 seconds later. If recording is in progress while the recorder switches off due to low battery, the recording will be saved automatically in the recorder. Please recharge the battery.

One-key Recording/Stop Recording

Press the "REC" button on the side of the device in standby mode to start recording. The device will enter into HP recording mode.





When recording the screen displays **REC** and the red indicator light flashes.



To end recording press the "REC" button.

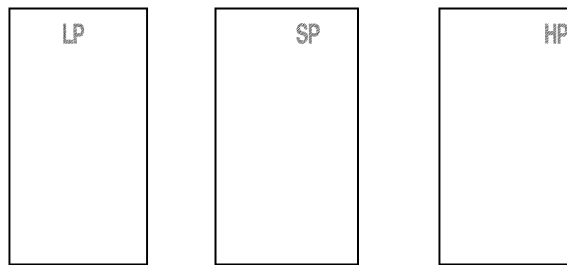
Please Note: The default setting is HP recording mode with voice activated recording (VAR) normally set to level 0 (being off)

Setting the Recording Mode

To set the recording mode press the "M" (Menu) button to enter into the main menu. Press the Forward  or Backward  button to select the required recording mode. The recording mode sign (SP, LP and HP) will be displayed in turn on screen as the buttons are pressed.

When the screen displays the desired recording mode press the "REC" (Record) button to confirm the selection.

The following pictures show the screen display for each of the recording modes:



- LP – Long recording mode, MP3 format
- SP - Good quality voice activated recording, MP3 format 128kbps
- HP - High quality recording, MP3 format 192Kbps
- The default setting is HP recording mode with voice activated recording (VAR). The VAR sensitivity can be adjusted according to the environment level of 0-60.

Adjusting the Sensitivity of VAR

VAR is available within all recording modes and allows the adjustment to suit your need or environment. The minimum setting is 0 (Off) and the maximum 60.

Press the "REC" button to record, press "REC" button again to stop recording, then press **⏮** or **⏭** to select the required VAR sensitivity level according to your needs. The minimum setting is 0 (Off) and the maximum setting is 60.

Press the "REC" button again to restart recording after finishing the adjustment. The defaulted VAR sensitivity level is 0.

The **VOS** symbol will flash after 3 seconds if there is no sound input detected and the recording will automatically pause.

The recording will automatically re-start when the microphone detects sound input.



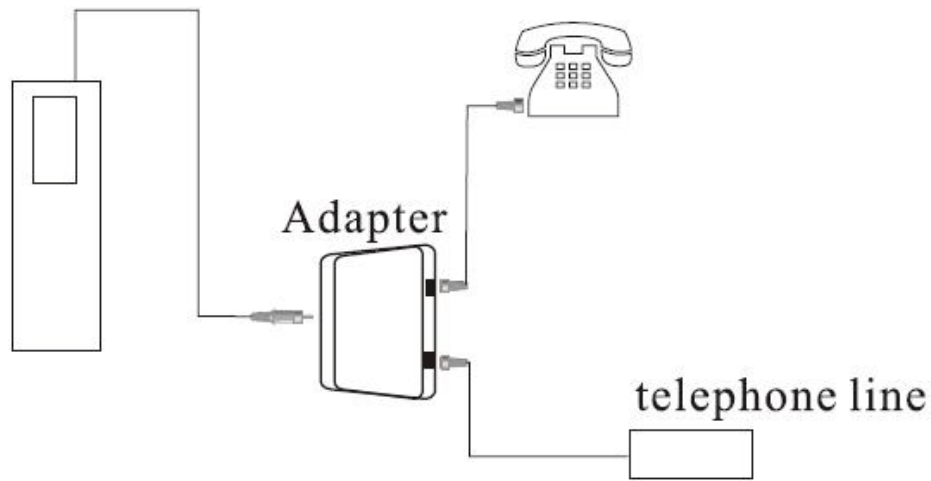
Attention: When the screen displays the "FUL" symbol this indicates that either the disk is full or the battery is low. Please check which it is by connecting to the PC. If the memory is full some files should be deleted to keep enough space to save new recording files & other PC files. The recorder can save 200 individual recording files. Insert the USB Voice recorder back up recordings and format via the PC.




Attention: Please do not switch off the power when recording is in progress. Doing so will cause the loss of the recording files and may lead to file corruption. If this happens the recorder will also fail to start correctly. If this problem occurs, please connect the recorder to the PC, copy off the recorded files. Run data recover software. If the recorder fails to start, format the recorder on your PC and delete all files from the recorder.

After formatting, the recorder will start again correctly. We are not responsible for the loss of recording files caused by misuse, please back up!

Recording Telephone Conversations




Step 1. Insert the telephone line and phone connecting line in the telephone adaptor.

Step 2. Insert one end of the line-in cable into the telephone adaptor and insert the other end of the cable into the  jack on the top edge of the recorder.


Step 3. Switch on the recorder. Select the appropriate recording mode in the recorder. Press the "REC" button to start recording.

Recording from an External Microphone

Step 1. Insert the external Microphone in the  jack on the top edge of the recorder.

Step 2. Switch on the recorder. Select the appropriate recording mode in the recorder. Press the "REC" button to start recording.

Record Audio via Line-in

Step 1. Connect one end of a stereo line-in cable with the audio output of the external player and the other end of the cable to the  jack on the top edge of the recorder.

Step 2. Switch on the recorder. Select the appropriate recording mode on the recorder. Press the "REC" button to start recording, then switch on the external player and play the required audio files; the sound it plays will be recorded.

Recording Monitor Function

In order to hear what is being recorded and the various effects of recording in different modes, listen with earphones when the recording is in progress. Insert the earphones into the jack on the top edge of the recorder.

Hearing Aid Function

For those with hearing difficulties, the monitor volume can also be adjusted for use as a hearing aid.

To adjust the monitor volume press the "REC" to stop the recording and then press the VOLUME + or VOLUME - button on the side of the recorder to select the required volume. The minimum setting is 0 and the maximum setting is 31. After finishing the adjustment, press "REC" again to resume recording.

Please Note: The HP recording mode does not have hearing aid function.

Automatic Section-break

After recording for a full 4 hours, the recorder will automatically start a new file to continue recording.

Playing LP SP & HP MP3 Recordings

Press the **⏮** or **⏭** button in the main menu to select the recording file menu "**VOS**". Press the "M" button to enter into the recording file menu.

Press **▶||** to play the recordings.

Press **▶||** to pause / stop playing.

Quick Play - Press **▶||** after finishing a recording to play the most recent recording made for review.

To Adjust the Volume

Press the "+/-" button to adjust the volume up or down as required

Select the recording to play

Press the **⏭** button for the next recording when a recording is playing.

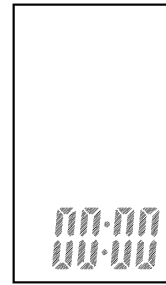
Press the **⏮** button to play the previous recording.

Rewind and Fast Forward Recordings

Hold and press the **⏮** or **⏭** button to fast forward or backwards within a recording or MP3 music file.

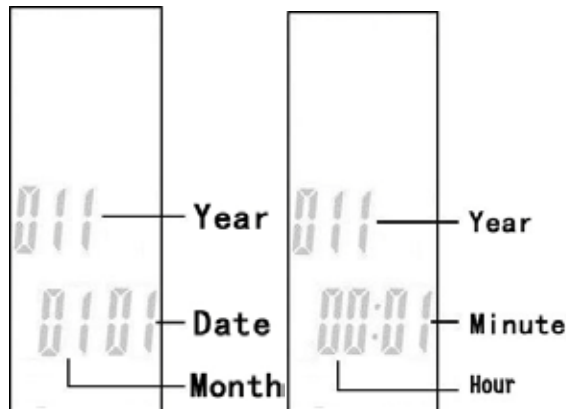
Setting the Record Time

Press the **⏪** or **⏩** button at standby mode to select the time-setting mode.



Press the "M" button to activate the menu options.

Press the **⏪** or **⏩** button to select the function be adjusted. The selected function will flash on the screen.



Press the "+/-" button to adjust the function as required.

When the time has been set the recorder will automatically confirm the setting. The recorder will return to the main menu in 10 seconds. Alternatively press the "M" button to return to the main menu.

Check the Recording Time

Please upload the recording files to the computer. When the files are fully transferred right click the mouse over the recording file and open "Properties". You can now check the time data of the recording file.

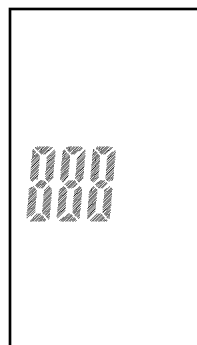
- The creation time is the time when the recording started
- The modified time is the time when the recording stopped
- The access time is the time when the recording files were uploaded to the computer

Please Note: There is no clock memory function in the recorder and the time which is indicated will be different from actual daily time, so please reset the time on the recorder when you need this function.

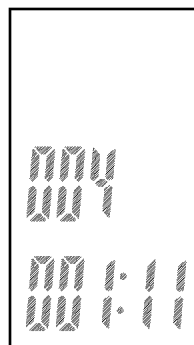
Music Player Mode

Press the **⏮** or **⏭** button at standby mode to select the Music Player mode (see picture 1).

Press the **"M"** button to enter into the music standby mode (see picture 2).




1



2

Please Note: If there are no music files in the recorder, the recorder will return to the main menu automatically or by pressing the **"M"** button.

Play and Stop Playing Music



When in the Music Player mode press the  button to start playing.



Press the  button to stop playing.

Adjusting the Volume

Press the "+/-" button to adjust the volume as required.

Select the Music to Play

Press the  button to play the next recording when a recording is playing. Press the  button to play the previous recording.

Hold and press the  or  button to fast forward or backward within a recording or music file.

A—B Repeat

To replay certain sections of a recording you can mark specific start and end points to loop the playback.

To set A-B repeat press the "REC" button when playing a recording to confirm point "A".

Press the "REC" button to confirm point "B". The recorder starts to repeat from A to B.

Please Note: The recorder will repeat continuously when set to repeat recorded files.

To stop repeating playback, press the "REC" button or press the "M" button.

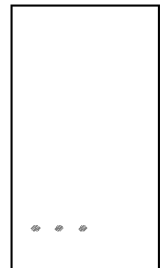
Please Note: When playing music files the recorder will automatically stop repeating after playing a section for 3 times.

Delete

In the recording and playing mode, select the file to be deleted. Press and hold the "M" button for 3 seconds to delete the selected file. The screen shows:



To confirm deletion of the file press the "M" button again.



⚠ **Attention :** When in "Delete" mode, if no operations take place on the recorder after 3 seconds the recorder will automatically exit delete mode.

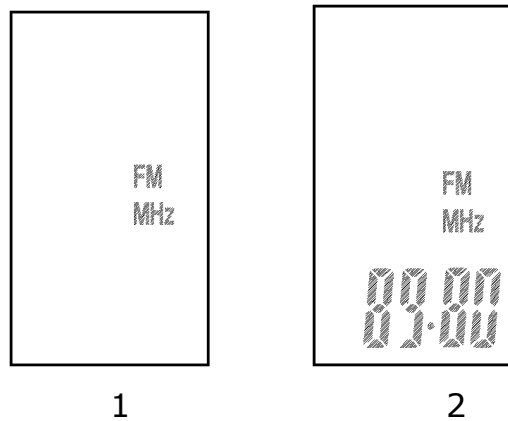
⚠ **Attention:** Please ensure important files are backed up in the computer before deleting or formatting the recorder.

FM Radio

Please Note: Please use the earphones which accompany the recorder when listening to the FM radio as the earphone is used as an aerial.

Press the **⏪** or **⏩** button at standby mode to select the FM radio mode (see picture 1).

Press "M" button to enter into FM radio (see picture 2).



To Scan Channels

Briefly press the **⏪** or **⏩** button for manual scanning.

Press and hold the **⏪** or **⏩** button for automatic scanning.

If a channel is scanned, the recorder will stop to playback the channel automatically.

To Save the Scanned Channel

Briefly press the "REC" button to save the channel when the recorder has scanned and found the new radio channel. After saving the channel, press the **▶** button to play the saved

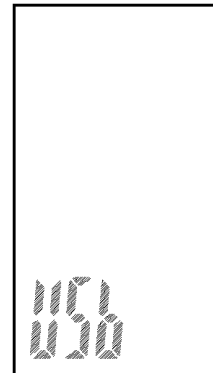
channel. E.g. Press the ►|| button once, it will play the first channel "P01". Press the ►|| button again for next channel "P02", and so on.

To Delete the Saved Channels

Press and hold the "M" button for approximately 3 seconds then press the "M" button again to confirm the deletion of all saved channels.

Connect to the Computer

Please insert the USB plug into USB port of computer, the screen of recorder will show the interface display:



The recorder can be used as a normal USB flash disk. Recordings can be transferred to the computer and PC files to the recorder with ease. The USB flash disk function supports Windows98/Me/2K/XP/Vista/7. The drivers will need to be installed separately if the computer runs Windows98 or an earlier operating system.

USB Power

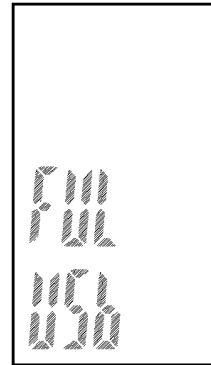
The recorder can be USB power supplied. Press the "M" button when connected with the computer and the recorder will disconnect from the USB interface. The recorder can then be operated as usual.

Please Note: The speaker does not work when the recorder is utilizing the USB power supply. Please use earphones for listening or the Playback function on the computer.

Recharging the Battery

Please insert the USB plug into the recharger. Insert the charger into the AC plug (110V-250V). The red indicator light on the recorder will light up and the red and green indicator lights on the recharger will light up, indicating power recharge is proceeding.

When the recorder is fully charged the red indicator light on the recorder will switch off and the red indicator light on the recharger will also switch off. The "FUL" symbol will be displayed on the screen of recorder, as shown in the picture:



Please use up the power in full before the first recharge.

Please recharge the battery for more than 6 hours to prolong the battery life at the first recharge.

The recorder can be recharged via computer USB. The red indicator light on the recorder will light up during recharging and will switch off when recharging is complete. The recorder will display the "FUL" symbol on the screen.

UltraDisk User CD

The User CD contains PDF digital versions of all manuals for reference, Audio software, Technical support and useful links to get the most from your UltraDisk voice recorder



1 - Insert the User CD



2 – At the windows prompt select Run UltraDisk.exe to launch the UltraDisk User CD or Open folder to explore the files in Windows file manager.

The User CD will not install any software automatically to your computer but will run the application directly from the CD.



Troubleshooting

The recorder will not switch on

Please check the power switch on the side of the recorder is in the "ON" position. The battery may also need recharging so please recharge the battery or reformat the recorder. Check that the Hold button is not switched on.

No sound is heard when playing files

Please make sure the earphone is connected correctly. Please adjust the volume or check the file to see if the file is damaged or corrupted.

The recorder will not record

Please format the recorder at FAT system. Please backup all files onto your pc/laptop before formatting as all data is wiped from the recorder during formatting.

The recorder has frozen and does not respond

Please take out the battery and reinsert after 3 seconds. Then connect the recorder to the PC via the USB cable. Format the recorder as FAT system. Please backup files before formatting as all data is wiped from the recorder during formatting.

The recorder will not connect with my PC, it is not recognised

Please check if there is a fault with the USB cable by using a spare if you have one. If you are using Windows 98 or an earlier operating system please check that the OS USB driver has been installed properly.

The FM Radio is not very clear

Please adjust the position of earphone and recorder.

More support, manuals, downloads and FAQ are available in the UltraDisk support area at www.ultradisk.co.uk alternatively; please contact your vendor for direct support.