

For dB9PRO Customers

## PART 1: QUICK START AND TROUBLESHOOTING GUIDE

# dB9PRO



### **D-VRMP1**

### **VOICE RECORDER AND MP3 PLAYER**

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## **PART 1: QUICK START AND TROUBLESHOOTING GUIDE**

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## Congratulations!



Congratulations on your purchase of the dB9PRO D-VRMP1 USB Voice Recorder!

While we're sure that you already know what you want to use your new gadget for, we thought you might find this little handbook useful.

Before you proceed, please don't forget to register your product for your 1 year warranty at our website: [db9pro.com/register](http://db9pro.com/register).

Please let us know how you like our product and how you're using it. We're always looking for new ideas.

If you want to get in touch with us, here is how: customer at [db9pro dot com](http://db9pro.com).



## The Usual Legal Mumbo-Jumbo

It's boring stuff, but it's necessary. And we wanted to get it out of the way before diving in to the more 'interesting' bits.

### **Disclaimer:**

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*dB9PRO does not intend for you to use the D-VRMP1 USB Voice Recorder without the necessary permission(s)*

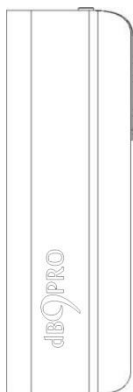
*needed for recording any situation. You may be in breach of the law if you intend to use your recording as evidence to a third party without the permission of the person you are recording. It is the user's responsibility to do all research regarding your personal situation and application before using the product, please check and consult your local laws. Neither dB9PRO nor Arcos Global Ltd. can be held liable for any loss or damage of whatever nature (direct, indirect, consequential, or other) which may arise as a result of a person's use of (or inability to use) our products or this e-book, or from use of (or failure to use) the information in this e-book.*

Right!

Now that we got that out of the way, let's get on with it, shall we?

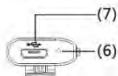
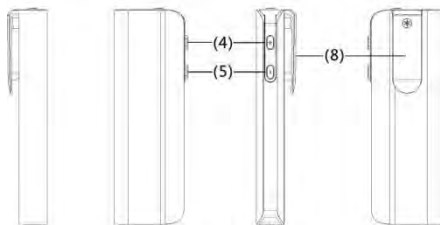
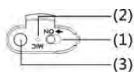
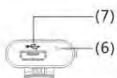
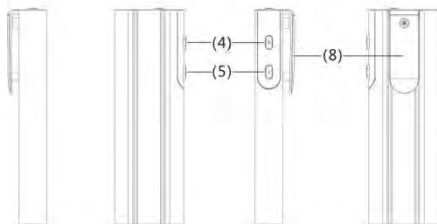
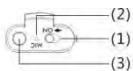
## How to use the D-VRMP1





### **IMPORTANT:**

**While charging the device (plugged into a USB port), please make sure the switch is OFF, otherwise the device will not be recognized by the computer. This does not mean that if the switch is ON, the device will not be charged, but you cannot access any data in this mode.**



Note: figure for reference

## Functions

- 1 Power Button: switch on / recording; switch off/ saving recording
- 2 MIC: built-in microphone
- 3 Earphone Jack: earphone output, reset hole (located at the end point of earphone jack)
- 4 + Key: Vol+/Next: hold down longer to increase volume (during recording, press briefly, switch on indicator light)
- 5 - Key: Vol-/Previous: hold down longer to decrease volume (during recording, press briefly, switch off the indicator light)
- 6 Indicator Light: status of indicator light
- 7 USB socket: for charging and connecting to computer
- 8 Clip
- 9 Combination buttons: during playback of recordings or music, hold down “+” and “-” together to switch between the RECORD folder and Music folder

## Indicator Lights

1. Playback of Recordings: blue LED light
2. Playback of Music: blue LED light
3. Recording: red LED light
4. Charging: blue red light is ON , once fully charged, it will switch off
5. Low Battery Indication: Blue and Red Light Flash

## Switch ON/OFF

**Switch ON:** When you push the power button from “OFF” to the “ON” position, the light will come on for a few seconds, then blink a couple of times and go off. Once the light goes off completely, you can start recording.

**Switch OFF:** While the switch is ON, if you push the power button to the “OFF” position, the device will save your recordings and be switched off.

## Recording

1. To Start Recording: Push the power button to the “ON” position, and the device will automatically start recording. During playback, since the earphones would need to be plugged in, if you unplug them, the device will automatically enter recording mode.
2. Turning the Recording Indicator Light ON/OFF: While in recording mode, press “+” once to turn the indicator light on. The light will start flashing red every 2-3 seconds. There are situations where you might want to have the indicator light on to check whether the device is still recording. To switch the indicator light off completely (while continuing recording), press “-” once.
3. Saving Recordings: There are 2 ways to save your recordings:
  - a) While recording, if you switch the recorder OFF, the device will save your recording, and shut down.
  - b) While recording, if you plug in the earphones, the device will automatically save the current recording, and start playing the recording it just saved.





## Playback

1. Playback of Recordings: plug your earphones into the earphone jack, and then switch the device ON. Now the device will start to play recordings in your RECORD folder. During playback, the indicator will flash blue.

2. Playback of Music: Plug your earphones into the earphone jack, and then push the power button to the "ON" position. The device will start to play back recordings in your RECORD folder. If you hold down your

long the “+” and “-” keys together, within 3 seconds, it will switch to playing back music in your device (if there are music files on the device). NOTE: If there are no music files on the device, this switch to playback music will not occur. During playback, the light will flash blue.

## Change Track

During playback of files, press “+” or “-” to either switch to the next or the previous track respectively.

## Switching between Music Folder and Record Folder

During playback, hold down the “+” and “-” keys together for 3 seconds to switch between the MUSIC and RECORD folders. (If there are no music files on the device, this function will not work).

## Adjusting Speaker Volume

During playback, hold down the “+” or “-” keys to increase or decrease volume.

## Voice Activated Recording



While recording, hold down the “+” key for 3 seconds in order to turn on the voice activated function. Hold down the “-” key for 3 seconds to turn off the voice activated function. If the blue light remains on, it means the recording is paused in voice activated mode. If the blue light is off, and the red light flashes, it means it has resumed recording in voice activated mode).

**NOTE:** The voice activated recording function is not available by default on this model, but is an optional

upgrade, and if you would like to have this function enabled on your unit, you need to contact customer support to help you update your device through a free firmware upgrade.

## **VOICE ACTIVATED RECORDING: DISPELLING SOME MYTHS**

Sometimes there are various misconceptions about voice activated recording, which may lead to certain unrealistic expectations that recording will simply switch off when someone stops speaking and start again when they resume speaking again. This is not always so.

The voice activated recording function (when enabled) on this device works on a threshold of -40dB. As you can well imagine, this is a pretty low threshold. Any ambient sounds above this threshold that the device 'hears' will keep it in recording mode, even in a quiet environment. This might lead to the wrong conclusion that the voice activated recording feature is not working properly.

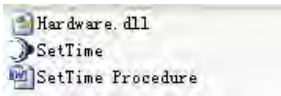
In this case, the fact is that the recorder is not intelligent enough to know which sounds are ‘desirable’ and which ones are not. Due to this, it records everything it ‘hears’ above the threshold.

This might also lead to recordings that are longer than necessary and in order to eliminate the extra lengths of undesirable audio, editing might be required.

We have provided a video tutorial on our website showing you how to use Audacity (free software) to edit audio.

## Sync System Time

Connect your device to a computer (like you would with a normal flash drive), and find the removable drive on computer. When you open the drive, you will find the “SetTime” utility, like the following picture shows:



Now switch the recorder ON and double-click the SetTime.exe file. You should get a message on your computer saying the procedure was successful. You can now go ahead and eject the device from your computer.

**Please remember: Do not switch off your device at this time. After 10 seconds, you may switch the recorder OFF.**

## Connect to Computer

Connect to your computer with the attached USB cable, or your android phone cable. Connecting to a computer is the same as connecting any other flash drive.

When you need to remove the device from your computer, please eject it safely through the computer. Removing the recorder without ejecting it properly and simply yanking it out of a USB port may lead to your recorder being damaged and loss of data.

All recordings are saved in the RECORD folder on your device. Each new recording file will be named sequentially, starting with REC001, REC002 and so on.

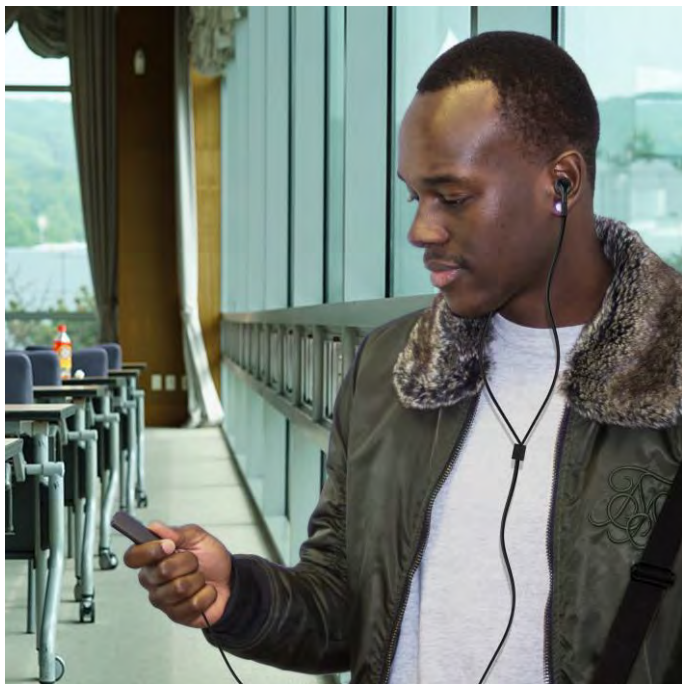
**NOTE: Your device has an auto segmenting function, which simply means that when a single recording reaches a file size of 2GB, it will automatically save the recording, and start a new file.**

## Charging

Charge it with your Android phone adapter or use the provided cable to connect it to your computer. When charging, the blue red light will come ON. It usually takes 2 hours to be fully charged. Once it is done, the light will go off.

## Reset

There is a reset button on the device close to the earphone jack. If you need to reset the device, simply push into this with a needle, hold it down for a couple of seconds and then let it go. This should reset the device.





## How to use the D-VRMP1 on a Windows computer

Once you've recorded something on the D-VRMP1, it is very simple to access your recordings.

You simply plug it into the USB port of a computer, and you can access the device as a normal USB drive. Before plugging it in, please make sure that the switch is in the OFF position.

Once you are in Windows Explorer, just open up the window for the D-VRMP1. It will typically show up as a removable drive. In the window for the D-VRMP1, you will see a folder called 'Record'.

Once you open this, you will find that it has your recorded file with a .wav extension.

You can play this file normally as you would any other media file – either through Windows Media Player, or any other player of your choice.

If the 8GB storage on the device gets filled up, the recorder will save the file and stop recording.

You would need to move files off the device by plugging it into a USB port on a computer and move the files from the device into another folder to create space for future recordings.

**NOTE FOR WINDOWS 10 USERS:**

If you are on Windows 10, please use Windows Media Player or VLC Media Player for playback of files, because Groove Player is not well equipped with all the codecs, and you will probably get an error saying that you have a file with incompatible format.



## How to use the D-VRMP1 with a Mac computer

While using the D-VRMP1 with a Windows computer is fairly simple and straightforward, it takes a few minutes extra to get it set up with a Mac. But don't worry, it's not hard.

### **Time-stamping on Mac OSX:**

Ideally, if you have a Windows partition on your Mac, you can run the SetTime.exe from that partition to enable time-stamping on your device.

About the time-stamping on Mac - this is an optional feature.

Unfortunately, the SetTime application on the device is a Windows only application - which was developed by a 3rd party.

We are in the process of developing our own Mac-specific app, but it is not yet ready.

We apologize for the inconvenience. We hope to have it ready really soon.

The workaround would be to run it under Parallel Desktops for Mac or via Bootcamp - or use a PC.

The other option would be to name the file itself based on the event - say - "Birthdayparty-Today'sdate" - something of the sort.

However, as a recorder, the device will still work with recordings and playback would be via VLC Media Player on a Mac.

## **PLAYBACK ON MAC OSX:**

In order to play your recordings on a Mac:

Go to Google and search for: "VLC for MAC download".

Select the correct player for your Mac operating system. (It's free to download).

Drag the VLC icon to your application folder.

After your VLC player is installed, open the WAV files from your recorder. When you alternate click the file, you should have the option to “open with” -- select to open with your VLC player, or just simply drag the WAV files into the VLC player.

Now turn up the volume on your Mac. You should be able to hear the recordings done on your D-VRMP1 USB Voice Recorder.

If you need to convert your WAV files to MP3, we recommend using the “Convert” feature in VLC itself, or third party software like Emicsoft Video Converter for Mac.

You can also use Quicktime Player for Mac OSX.

Alternatively, you can download the Mplayer app from the Apple App Store.

Enjoy your product and have fun with it!

## How to use the D-VRMP1 with a Chromebook

Just as you use VLC Media Player for Windows or Mac OS, this software is free to download and install on your Chromebook too.

You just need to make sure that you are selecting the version of VLC Media Player for Chromebooks.

Simply open your file with VLC Media Player (once installed) and play your recordings.



# TROUBLE SHOOTING GUIDE

**Q: I have Windows 10 on my computer and I get an error when I try to play my recorded file.**

A: On Windows 10, Groove Player is limited when it comes to codecs.

We suggest using VLC Media Player or Windows Media Player. That will work for you.

Please let us know how it goes.

**Q: My recorder was working fine until recently, now it doesn't seem to be recording. What should I do?**

A: REFORMAT THE RECORDER

1. Copy all the files in the USB Recorder off onto your computer into a folder, naming it: Recorder Backup.
2. Check to see if you have the following folders:
  - a. SetTime
  - b. Record (if not, please create one)
3. Format the recorder selecting FAT32.
4. Copy all the files inside the Recorder Backup onto the recorder. DO NOT copy the entire folder called Recorder Backup, but rather the



contents of this folder. Make sure the 2 folders mentioned in point #2 above are present.

5. Go into the SetTime folder and run the .exe file within the extracted folder. The file name is called SetTime.exe.
6. Physically remove the recorder and use the recorder to record something.
7. After you are finished recording, switch it off and plug it back into a computer.
8. Check the Record folder to see if the recorded file is there. Try playing it back using Windows Media Player or VLC Media Player.

Everything should be working perfectly by now. If not, please get in touch with dB9PRO Customer Support through your Amazon account or our website or Facebook page.

**Q: I have a MAC and I can't run the time stamping utility.**

**A:** About the time-stamping on Mac - this is an optional feature.

Unfortunately, the SetTime application on the device is a Windows only application - which was developed by a 3rd party.

We are in the process of developing our own Mac-specific app, but it is not yet ready.

We apologize for the inconvenience. We hope to have it ready really soon.

The workaround would be to run it under Parallel Desktops for Mac or via Bootcamp - or use a PC.

The other option would be to name the file itself based on the event - say - "Birthdayparty-Today'sdate" - something of the sort.

However, as a recorder, the device will still work with recordings and playback would be via VLC Media Player on a Mac.

Please let us know if you need further help.

**Q: I can't play the recordings on my MAC. What should I do?**

A: Please use VLC Media Player for MAC (free to install). This software has all the needed codecs to play your recordings back. One thing to keep in mind is – even if you install VLC Media Player successfully, you do need to make sure that you are using it to play your files back and not iTunes, or you will get an error. You may also use Quicktime Player on Mac.

**Q: I can't find my recordings on the recorder. Where are they and what should I do?**

A: In your computer, go to the drive called 'Record' and inside that you have a folder called 'Record' too.

The wav files should be in that folder.

If you do not find the files there, please get in touch with us with your Operating System and we can assist you further.

**Q: How do I reset the device?**

A: There is a reset button on the device close to the earphone jack. If you need to reset the device, simply push into this with a needle, hold it down for a couple of seconds and then let it go. This should reset the device.

Sometimes the reset process may need to be done a few times.

**Q: I tried resetting the recorder and now my computer will not recognise the device when I plug it in. Please help.**

A: Thank you for letting us know. Have you tried different USB ports or a different computer? Please also try to reset it again. If after multiple attempts, it still does not respond, please contact us and we will try to resolve your problem immediately.

**Q: The recorder hasn't arrived. (Or)**

**The package arrived without the recorder in it.**

A: Sorry to hear that.

Did you get in touch with Amazon customer service?

Since all our products are fulfilled by Amazon, they take care of orders, payments, shipping and all logistics.

They do require that customers contact them first to sort out any shipping issues.

We are always here to help with technical problems.

However, if you contact Amazon and then it doesn't get resolved, please feel free to get in touch with us, so that we can follow up on it.

**Q: I wanted to return the recorder but Amazon says it is too late to return it because the date is past. It is not working. What should I do?**

**A:** For us, every customer is important and we want to help you get your unit working as quickly as possible.

Please contact our customer support with answers to the following questions:

1. What OS are you using on your computer?
2. Is the device being recognized when you plug it in to your computer?
3. Does it record at all when you switch it ON?
4. What is the problem with the device when you say it is not working? Please could you describe a bit more?
5. Is the battery charged fully? Typically a 75-90 min stint plugged into the USB port should be okay for full charge.

Please be assured that we are always here to assist you if you need any help. If the unit is defective, we would be happy to send you a replacement. Please do remember to register for your product warranty. The instructions are on a card in the tinbox. Our warranty is valid for 1 year from the purchase of the product.

This is why we recommend registering for the warranty, so that you continue to receive support, even after the Amazon return period has run out.

**Q: I plugged the recorder in and charged it fully for at least 2 hours. When I tried to record with it, it only recorded for half an hour and died. According to your description it was meant to last for at least 22-24 hours.**

### **REFORMAT THE RECORDER**

1. Copy all the files in the USB Recorder off onto your computer into a folder, naming it: Recorder Backup.
2. Check to see if you have the following folders:
  - a. SetTime
  - b. Record (if not, please create one)
3. Format the recorder selecting FAT32.

4. Copy all the files inside the Recorder Backup onto the recorder. DO NOT copy the entire folder called Recorder Backup, but rather the contents of this folder. Make sure the 2 folders mentioned in point #2 above are present.
5. Go into the SetTime folder and run the .exe file within the extracted folder. The file name is called SetTime.exe.
6. Physically remove the recorder and use the recorder to record something.
7. After you are finished recording, switch it off and plug it back into a computer.
8. Check the Record folder to see if the recorded file is there. Try playing it back using Windows Media Player or VLC Media Player.

Everything should be working perfectly by now. If not, please get in touch with our Customer Support through your Amazon account or our website or Facebook page.

Please let us know how it goes.

**Q: I didn't get my e book as you promised.**

A: The eBook is typically sent to your Amazon-registered email address within 48 hours of your purchase. It may have landed in your spam folder. If you have checked that and you still could not find the email, please contact us through your Amazon account or through our website and we would be happy to resend it.

### **Q: How long does the battery last?**

A: The battery typically lasts 22 to 24 hrs on a full charge. At the same time, like any battery, the charge will reduce over time according to the life of the battery.

### **Q. How do I switch from recorder mode to mp3 player mode and vice versa?**

A: This is done easily. Please make sure that the switch is OFF. Now plug in your earphones and the device will switch to mp3 player mode. When done, we suggest switching it off before you unplug the earphones. If you unplug the earphones, the recorder will go to recorder mode, and in this mode, turning on the switch will power the RECORD function on.



**Q: Why doesn't the recorder start recording immediately when I switch it on? I notice that the light glows and blinks a few times and only then I can record. Why is that?**

A: The recorder has 2 modes: passive (as a flash drive) and active (as a recorder). When it is in flash drive mode, you can copy data to and from it. This is like any other flash drive.

However, when you switch the recorder ON, then it switches to a different mode, where it acts differently.

While the audio is being recorded, the data is being 'saved' temporarily, almost like RAM on a computer – and is only saved as a file when you switch it OFF. When you are in recorder mode, the device stops completely functioning as a flash drive. For this reason, it will not be recognized as a USB device if you plug it in to a computer with the switch ON. Neither can you charge the device when the switch is ON.

Since these 2 modes are so different, switching between them takes a few seconds. This is the reason for the delay in starting to record.

You can only start recording once the light goes off completely.

### **Q: How do I know when it is fully charged?**

A: Unfortunately, there is no way of knowing when the battery is fully charged. However, if you plug it in to charge for 75-90 minutes at most, you can assume that it is charged fully. Usually if there is charge present in the device, then the LED will glow blue when plugged in. This does not necessarily mean that the unit is fully charged; it simply indicates there is charge in the battery – sort of like a battery icon on a phone, which shows one or two blips even if the battery is low.

### **Q: What is the working range in feet?**

A: The typical working range is about 10-14 feet. However, depending on the acoustics of the environment you are in, it could be more. We have had reports of students capturing audio very clearly at even 20 ft away. However, if the room or area you are recording the audio in is very noisy or has a lot of ambient reverb, clarity of the recordings maybe affected. This is one reason we suggest doing a small test recording if you are doing a very critical recording and checking what you capture.

### **Q: Will it work on a Chromebook?**

A: Our recorders are compatible with Chromebooks.

You will need VLC Media Player for Chrome (free to download and install) to play the recorded files back.

### **Q: How do I delete the recordings?**

A: Deleting a recording is simple.

1. Simply plug the recorder into your computer. Look for the drive called "Record" (or the recorder will show up as a removable drive).
2. You will find your recordings within a folder called "Record".
3. Go into the drive and simply delete the files the way you would normally do with any other folder.

### **Q: Can it be password protected or encrypted?**

A: If you password protected certain files themselves, using a third party software, that would work. But if you

do that with the entire drive itself, the drive cannot be written to in recording mode. This means that you might not be able to record with it while encrypted.

### **Q: How can I know when the battery is low?**

A: Charge it with your Android phone adapter or use the provided cable to connect it to your computer. When charging, the blue red light will come ON. It usually takes 2 hours to be fully charged. Once it is done, the light will go off.

Unfortunately, with this model of recorder, we do not have any way of knowing when the battery is low. But since the battery lasts 22-24 hrs on a full charge, it's a good idea to simply plug it in and charge it a bit more whenever you do get the chance, keeping in mind that even a few minutes will charge the recorder for a bit longer. But you can also record while charging if needed. Please go to page

### **Q: Can I keep it in my shirt pocket and record with it while moving around?**

The mic on this audio recorder is pretty sensitive and it will pick up any sounds (including the mic rubbing

against the shirt during movements) - that's what it is meant to do.

However, we suggest keeping it in something that's not likely to move and will be perfectly still while recording is in progress - like a bag, a pencil pouch, etc., so that it does not pick up rustling sounds.

**Q: How far can it record clearly? What is the range of this recorder?**

A: We normally suggest 10-15 ft away is a good distance, but it depends on the acoustics of the room. If there is a lot of ambient reverb, the further away you go, the more muffled the audio will sound.

However, that said, we have had good reports from students using them for lectures.

**Q: I've been using the recorder for a few hours. When I plugged it in to my computer the blue light came on. Does this mean it is fully charged?**

A: To be safe, we recommend charging it for around 60 min (if the blue light is coming on). The blue light does not necessarily indicate full charge. It just shows there is

some charge in the device, but it does not show how much charge is left either.

### **Q: Can the recordings be burned to a CD?**

A: Yes, they can. However, there is a special compression codec applied to the .wav files that are created on your recorder when you record. This is done to save space.

Here is the process we recommend if you want to burn the recordings to a CD:

1. Use VLC Media Player to convert files to .wav (uncompressed, PCM format). You can also use a service like [convertfiles.com](http://convertfiles.com) and make sure that they are saved as uncompressed wav files.
2. Load the newly converted files into a CD burning program and choose the format of the CD you want (data or audio).
3. If you choose 'audio CD', it will be playable on a CD player and a computer. If you select 'data CD', then you can only play it on a computer.

### **Q: Is this voice activated?**

A: No, your dB9PRO D-VRMP1 recorder is not voice activated by default. They will record everything once switched on and will continue recording until they are switched off.

But there is an optional upgrade (free) to a voice activated version of the firmware if you like – but you must refer to the notes about voice activated recording first, just to familiarize yourself with how it works. For more information, please turn to page 18 of this eBook.

### **Q: What is the warranty? / How do I get a replacement if my unit stops working within the warranty period?**

A: If you register for your warranty at our website, you have a 1 year warranty from the date of purchase. You will need your order ID from Amazon, which looks something like this: 002-1204550-12890483 in your Amazon dashboard.

As far as contacting us is concerned, the instructions are in the tinbox on a card.

You may also contact us via our Facebook page.

Usually if there is a problem with your unit, you must get in touch with our customer support with the following details:

1. What OS you are using on your computer.
2. Tell us if the device being recognized when you plug it in to your computer.
3. Does it record at all when you switch it ON?
4. What is the problem with the device when you say it is not working? Please could you describe a bit more?
5. Is the battery charged fully? Typically a 75-90 min stint plugged into the USB port should be okay for full charge.

Our customer support will go through a step-by-step troubleshooting process. If the unit is determined to be defective, we would be happy to replace your unit – provided it is still under warranty.

**Q: Can I charge it with a phone charger, or USB charger?**

A: Yes, you can. Again, chargers have different specifications, so we cannot endorse this and cannot



take responsibility for anything going wrong if there is a problem.

Still, that said, in general, if the recorder is not getting too hot and you don't leave it plugged in for hours on end unattended, (and if the charger has no faults), it should be fine in most cases.

**Q: Is there a playback function on the recorder itself?**

A: Yes, it has a playback function. But in order to switch to playback mode, you need to have a pair of headphones or earphones connected to it. Please refer to the first few pages of this eBook which talk about how to play your files back.

**Q: What happens if I plug it in to the computer with the switch on?**

A: Nothing alarming will happen, but the recorder will not be recognized by your computer. Please always plug the recorder into your computer USB port with the switch OFF.

## Q: Can it record while it is charging?

A: Yes, that is possible. Here is what you should do in order to make this happen.

1. Simply make sure the switch is ON in recording mode, and the light should be off completely.
2. Then, plug the voice recorder into the USB port of your computer (or phone charger) and let it charge. You will not see a light glowing during this process, but the recorder battery will continue to be charged and the recording will continue.
3. Once you are done, simply pull out the recorder physically from the USB port (without ejecting), switch it OFF and then after you wait for 4-5 seconds, you can plug it back into the computer USB port to access the files.

If you had no file on the recorder before, you will now find a new file corresponding to the length and the time of the recording that you made during the charging process.

Please note that you cannot access files on your computer if the switch is ON.

We hope this little tip helps you get more out of the recorder.

**Q: Is there an indicator light when recording? If so, does it eventually turn off? Does it make noise?**

A: Initially, when you put the switch ON, the recorder is switching modes from flash drive mode to recorder mode. The LED light will glow steadily for a while and then blink a few times and then it will go off completely. You can start recording once the light goes off completely.

The recorder operates silently and there is no noise when it records.

**Q: Is this a voice activated recorder?**

A: No, this is not a voice activated recorder. It will record continuously until it is switched off.

However, as mentioned earlier, there is an optional upgrade (free) available if you are interested. Please turn to page 18 of this eBook for further information.



## Technical information:

Dimensions	62 X 20 X 8 mm
USB	USB 2.0 High Speed
Microphone	Built-in Omnidirectional Microphone
Sample Rate	48KHz
Memory	8GB
Recordings Time	8GB can store upto 96 hours of recordings
Battery	3.7V/150mAh Li- ion
Battery Capacity per full charge	On a single charge, your recorder can last about 24 hours

Supported File Formats	MP3	8KHz– 48KHz 8Kbps– 320Kbps
	WMA	32KHz– 48KHz 48Kbps– 192Kbps
Recording Format	WAV	192 Kbps
Earphone Output	Max	10mW + 10mW  (320hm )
	Freque ncy	20Hz- 20KHz
	SNR	>80dB

	Distortion	0.05%
Recommended Temperature	-5 - 40 °C (23 - 104 °F)	
Support System	Windows /2000/XP /Windows7/Windows8/ Windows 10	

## Disclaimer:

The user needs to back up his/her files when using the recorder. The manufacturer takes no responsibility for damage to files caused by incorrect operation, due to software or hardware, product repair, battery replacement or through any other accident. At the same time, we are not in control of any incorrect inferences or wrong conclusions drawn from reading the manual. The company shall not take any responsibility for either this or any damage caused to a third party.

The operating system needs to occupy some space, so it is perfectly normal that the amount of space available on the device would be slightly less than labeled.

### **Customer Support:**

Please contact us at:

[customer@db9pro.com](mailto:customer@db9pro.com)

web: [www.db9pro.com](http://www.db9pro.com)