

POCKET MEMO

DPM8000

DPM8100

DPM8500



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## Technical Documentation Advanced Configuration

For Certified MDC Partners and Support technicians

**PHILIPS**

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## Introduction

The Pocket Memo dictation recorder takes dictation to a new level. Breakthrough 3D Mic technology delivers best audio quality in any recording situation. Its robust yet lightweight stainless steel design offers perfect ergonomics for working over longer periods of time. Coupled with SpeechExec Pro software for efficient data management and a docking station for uploading your files, going from your voice to your text document has never been quicker.

The new Advanced Recorder Configuration wizard enables you to configure your recorder according to your individual preferences.

This document contains technical information and describes the functions and settings.

## Highlights

### Superior audio quality and design

- 3D Mic system for best audio quality and accurate speech-recognition results
- Built-in motion sensor for automatic microphone selection
- Ergonomic slide switch for efficient single-handed operation
- Robust stainless steel casing for extra durability

### Enhance your productivity

- SpeechExec workflow software for efficient data management
- Large color display and clear user interface for easy, intuitive operation
- Docking station for fast battery charging and hands-free recording
- Light and motion sensors for extended battery life

### Designed for professionals

- File encryption and device PIN lock for high data security
- Integrated barcode scanner for streamlined documentation
- Remote management support for time-saving deployment and maintenance
- Classic mode for clear and easy-to-use operation

## 1. Hardware Specification

### 1.1. Connectivity

Headphone: 3,5mm Jack  
 Microphone: 3,5mm Jack  
 USB: USB2.0 High-Speed.  
 Micro-USB Connector

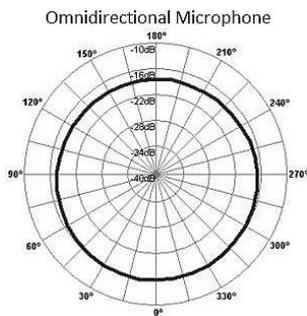
### 1.2. Built-In Microphone



### 1.3. Microphone sensitivities

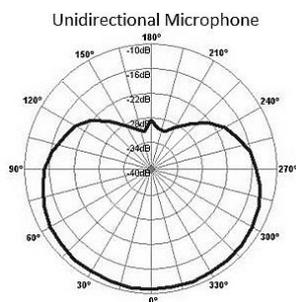
External Microphone Input	Full Scale Input Voltage (mVrms)
Ext. Microphone low	11,52mV
Ext. Microphone mid	8,15mV
Ext. Microphone high	2,43mV
Line-In Input	Full Scale Input Voltage (mVrms)
Line-In low	229,75mV
Line-In mid	162,65mV
Line-In high	48,56mV

Omnidirectional Microphone - Meeting



Settings	Full Scale Sound Pressure (Pa)
Dictation Microphone low	0,46 Pa
Dictation Microphone medium	0,32 Pa
Dictation Microphone high	0,10 Pa

#### Unidirectional Microphone – Dictate



Settings	Full Scale Sound Pressure (Pa)
Dictation Microphone low	0,73 Pa
Dictation Microphone medium	0,51 Pa
Dictation Microphone high	0,15 Pa

## 1.4. Display

Color TFT Display with 320x240 pixel resolution  
Screen size: 2,4" / 6,1 cm diagonal size

## 1.5. Storage media

DPM8000, DPM8200: SD/SDHC Memory Card up to 32GB  
DPM8500 : micro SD Memory Card up to 32GB

## 1.6. Audio Recording File Type

Recording Format: DSS, DSS Pro, MP3, PCM

Recording mode	Bit rate	Sampling rate	Recording Time (4GB SD Card)
DSS SP (*.dss mono)	13,7kbit/s	12kHz	700 hours (~29days)
DSS QP (*.ds2 mono)	28kbit/s	16kHz	350 hours (~14 days)
MP3 (*.mp3 stereo)	192kbit/s	44,1kHz	50 hours
PCM Voice (*.wav mono)	353kbit/s	22,05kHz	27 hours
PCM Stereo (*.wav stereo)	705kbit/s	22,05kHz	13 hours

## 1.7. Sound

Built-In round dynamic speaker with 28mm diameter, 200mW output power.

## 1.8. Headphone Output

RL (Ohm)	Pout max (mW)
32	6,4 mW
16	8,35 mW

## 1.9. Power

Philips Li-Ion rechargeable battery type ACC8100. 3,7V 1000mAh 3,7Wh

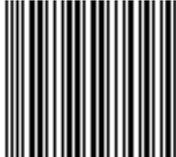
## 1.10. Security

Real time AES 256bits File encryptions.  
Device security with PIN and PUK Code

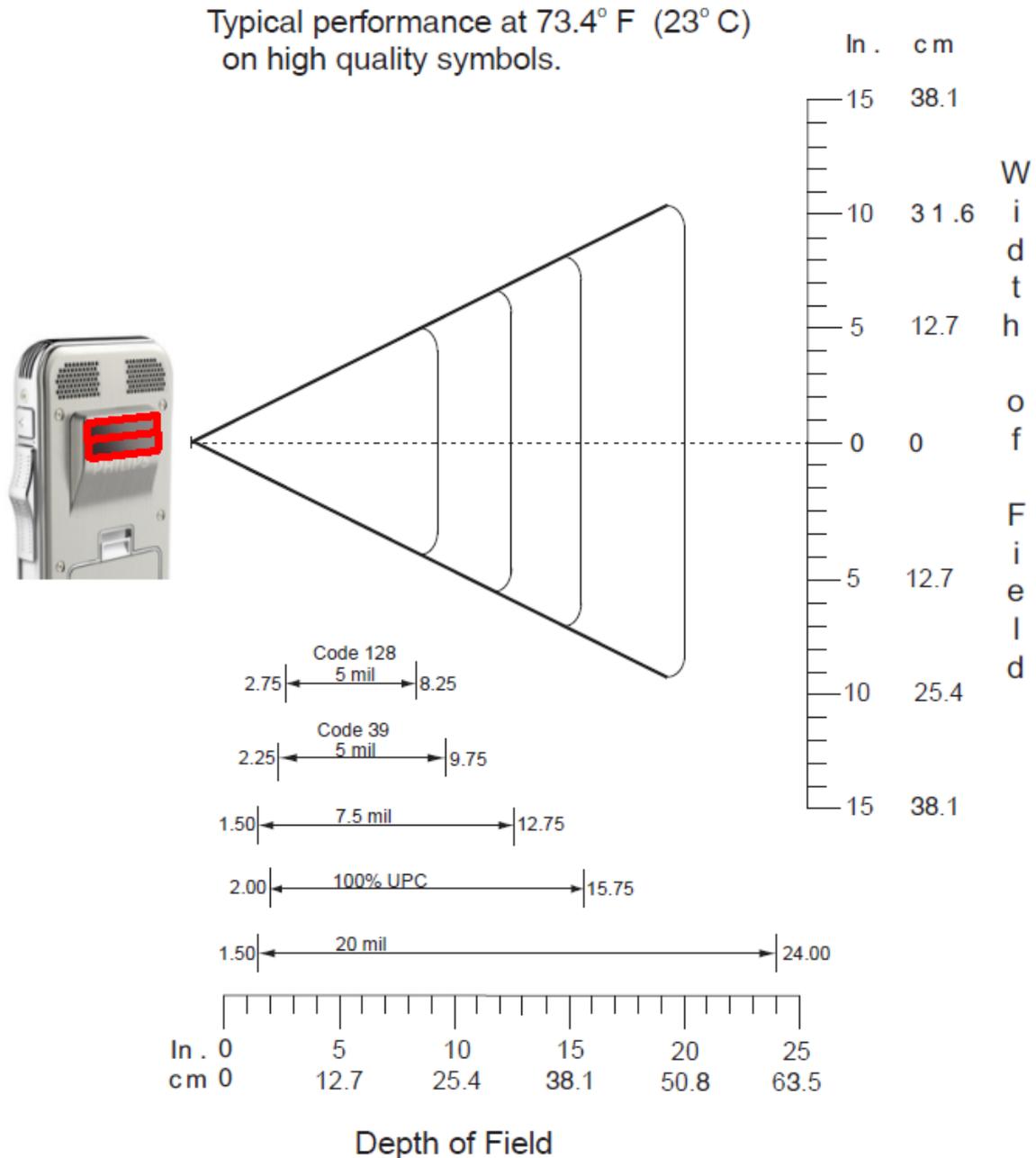
## 1.11. DPM8500 Barcode scanner

Scan Engine: CCD-based single line.

Barcode type	Barcode
UPC-A	 0 20133 06144 0
UPC-E	 0 201302 0
EAN-8	 2013 0220
EAN-13	 2 013022 210393

Code 39	 C O D E 3 9
Code 128	 Speech Processing Solutions GmbH
GS1-128	 (01) 01234567890128 (15) 051231
GS1 Databar	 (01)20130222111407
Matrix 2of5	 0 1 2 3 4 5 6 7 8 9
ISBT 128	
Interleaved 2of5	 02013058
Inverse 1D	

## 1.12. DPM8500 Scanner decode range



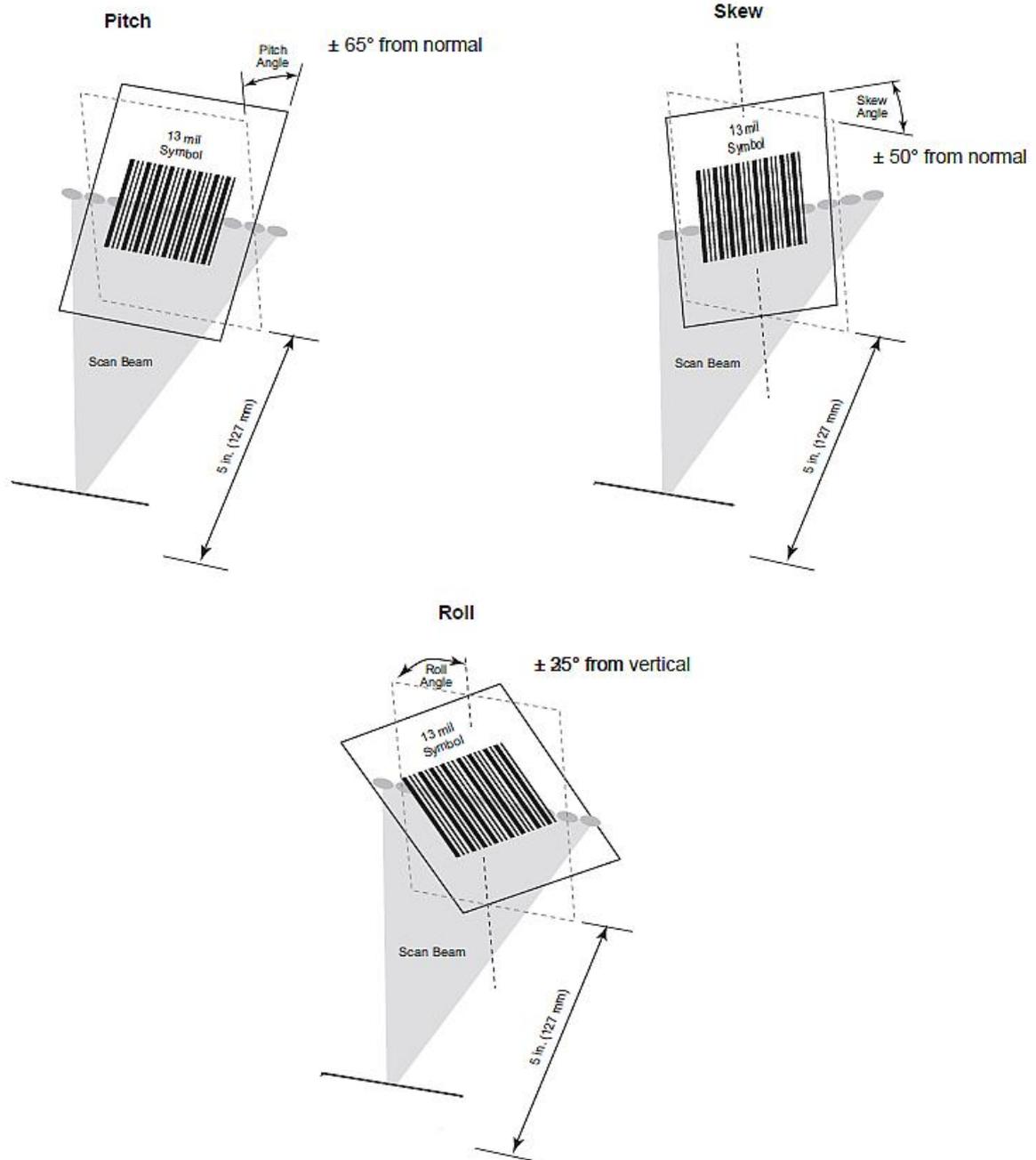
\*Minimum distance determined by symbol length and scan angle

Barcode type	Distance	Typical	Guaranteed
Code 128 / 5mil	Near	2,75 in. / 70 mm	3,90 in. / 99 mm
	Far	8,25 in. / 210 mm	6,25 in. / 159 mm
Code 39 / 5 mil	Near	2,25 in. / 57 mm	3,15 in. / 80 mm
	Far	9,75 in. / 248 mm	8,00 in. / 203 mm
UPC-A	Near	2,00 in. / 51 mm	2,25 in. / 57 mm
	Far	15,75 in. / 400 mm	11,00 in. / 279 mm

Notes:

- Distances are measured from the front flange surface of the image lens
- Symbols are to be mounted with a pitch of 15 +/- 3° away from the engine.
- Maximum allowable roll angle of symbols relative to the engine to the engine mounting base plane is +/- 3°.

**NOTE** This diagram is for reference only. The scan engine pictured is not a facsimile.



### 1.13. DPM8500 Scanner – Ambient Light Immunity

Light Source	Intensity (lux)
Fluorescent	4845 ±5%
High efficiency fluorescent	4845 ±5%
Incandescent	4845 ±5%
Mercury Vapor	4845 ±5%
Sodium Vapor	4845 ±5%
Sunlight	9690 ±5%

### 1.14. Operation conditions

Temperature: 5°-45° C / 41°-113° F  
Humidity: 10% - 90%, non condensing

### 1.15. Dimensions and weight

53x123x15mm / 2,1x4,8x0,6 inches (WxDxH), 117g /4,1 oz incl battery.

### 1.16. USB Driver Specification

Vendor ID 0911  
Product ID 1F40

#### 1.16.1. USB Drivers – example Windows 7 64Bit

Driver Information taken from Windows 7 64Bit Enterprise operating system with Service pack 1as an example

Windows Version: 6.1.7601 Service Pack 1 Build 7601  
Driver Provider: Microsoft  
Created at: 14.05.2013

**Device type: Sound, video and game controllers**

Driver: DPM4 Audio Control  
Driver Date: 19.11.2010  
Driver Version: 6.1.7601.17514  
Inf name: wdma\_usb.inf  
Inf section: USBAudio  
Included Infs: ks.inf  
wdmaudio.inf  
Class installer: mmci.dll

Driver files: C:\WINDOWS\system32\drivers\drmk.sys  
Provider: Microsoft Corporation  
File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
Driver files: C:\WINDOWS\system32\drivers\ksthunk.sys  
Provider: Microsoft Corporation  
File version: 6.1.7600.16385 (win7\_rtm.090713-1255)

Driver files: C:\WINDOWS\system32\drivers\portcls.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
 Driver files: C:\WINDOWS\system32\drivers\USBAUDIO.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7601.17514 (win7sp1\_rtm.101119-1850)  
 Driver files: C:\WINDOWS\system32\SysFxUI.dll  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
 Driver files: C:\WINDOWS\system32\WMALFXGFXDSP.dll  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)

**Device type: Portable Devices**

Driver Date: 21.06.2006  
 Driver Version: 6.1.7600.13385  
 Inf name: wpdfs.inf  
 Inf section: Basic\_Install  
 Class installer: wpd\_ci.dll

Driver files: C:\WINDOWS\system32\UMDFWpdFs.dll  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
 Driver files: C:\WINDOWS\system32\drivers\WUDFRd.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)

**HID-compliant device**

Driver Date: 21.06.2006  
 Driver Version: 6.1.7601.17514  
 Inf name: input.inf  
 Inf section: HID\_Raw\_inst

**USB Input Device**

Driver Date: 21.06.2006  
 Driver Version: 6.1.7601.17514  
 Inf name: input.inf  
 Inf section: HID\_inst

Driver files: C:\WINDOWS\system32\DRIVERS\hidclass.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7601.17514 (win7sp1\_rtm.101119-1850)  
 Driver files: C:\WINDOWS\system32\DRIVERS\hidparse.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
 Driver files: C:\WINDOWS\system32\DRIVERS\hidusb.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7601.17514 (win7sp1\_rtm.101119-1850)

**Philips DPM4-Harddisk USB Device**

Driver Date: 21.06.2006

Driver Version: 6.1.7600.16385  
 Inf name: disk.inf  
 Inf section: disk\_install

Driver files: C:\WINDOWS\system32\DRIVERS\disk.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
 Driver files: C:\WINDOWS\system32\drivers\partmgr.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7600.16385 (win7\_rtm.090713-1255)  
 Driver files: C:\WINDOWS\system32\DRIVERS\stdcfltn.sys (position sensor)  
 Provider: ST Microelectronics  
 File version: 1.00.00.08

#### **USB Composite Device**

Driver Date: 21.06.2006  
 Driver Version: 6.1.7600.16385  
 Inf name: usb.inf  
 Inf section: Composite.Dev

Driver files: C:\WINDOWS\system32\drivers\usbccgp.sys  
 Provider: Microsoft Corporation  
 File version: 6.1.7601.17586 (win7sp1\_gdr.110324-1501)

#### **USB Mass Storage Device**

Driver Date: 21.06.2006  
 Driver Version: 6.1.7601.17577  
 Inf name: usbstor.inf  
 Inf section: USBSTOR\_BULK

Driver files: C:\WINDOWS\system32\drivers\USBSTOR.SYS  
 Provider: Microsoft Corporation  
 File version: 6.1.7601.17577 (win7sp1\_gdr.110310-1504)

### **1.16.2. USB Drivers – example Windows 8 64Bit**

Driver Information taken from Windows 8 Pro 64bit operating as an example

Windows Version: 6.2.9200 Build 9200  
 Driver Provider: Microsoft  
 Created at: 14.05.2013

#### **Device type: Sound, video and game controllers**

Driver: DPM4 Audio Control  
 Driver Date: 25.07.2012  
 Driver Version: 6.2.9200.16384  
 Inf name: wdma\_usb.inf  
 Inf section: USBAudio  
 Included Infs: ks.inf  
 wdmaudio.inf  
 Class installer: mmci.dll

Driver files: C:\WINDOWS\system32\drivers\drmk.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16433 (win8\_gdr.121010-1704)  
 Driver files: C:\WINDOWS\system32\drivers\ksthunk.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
 Driver files: C:\WINDOWS\system32\drivers\portcls.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
 Driver files: C:\WINDOWS\system32\drivers\USBAUDIO.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
 Driver files: C:\WINDOWS\system32\SysFxUI.dll  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
 Driver files: C:\WINDOWS\system32\WMALFXGFXDSP.dll  
 Provider: Microsoft Corporation  
 File version: 6..2.9200.16433 (win8\_gdr.121010-1704)

**Device type: Portable Devices**

Driver Date: 21.06.2006  
 Driver Version: 6.2.9200.16384  
 Inf name: WpdFs.inf  
 Inf section: Basic\_Install  
 Class installer: wpd\_ci.dll

Driver files: C:\WINDOWS\system32\DRIVERS\UMDFWpdFs.dll  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
 Driver files: C:\WINDOWS\system32\drivers\WpdUpFltr.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
 Driver files: C:\WINDOWS\system32\DRIVERS\WUDFRd.sys  
 Provider: Microsoft Corporation  
 File version: 6.2.9200.16384 (win8\_rtm.120725-1247)

**HID-compliant device**

Driver Date: 21.06.2006  
 Driver Version: 6.2.9200.16579  
 Inf name: input.inf  
 Inf section: HID\_Raw\_inst

**USB Input Device**

Driver Date: 21.06.2006  
 Driver Version: 6.1.7601.17514  
 Inf name: input.inf  
 Inf section: HID\_RAW\_Inst.NT

**Philips DPM4-Harddisk USB Device**

Driver Date: 21.06.2006  
 Driver Version: 6.2.9200.16384

Inf name: disk.inf  
Inf section: disk\_install.NT

Driver files: C:\WINDOWS\system32\DRIVERS\disk.sys  
Provider: Microsoft Corporation  
File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
Driver files: C:\WINDOWS\system32\drivers\partmgr.sys  
Provider: Microsoft Corporation  
File version: 6.2.9200.16384 (win8\_rtm.120725-1247)  
Driver files: C:\WINDOWS\system32\drivers\EhStorClass.sys  
Provider: Microsoft Corporation  
File version: 6.2.9200.16384 (win8\_rtm.120725-1247)

#### **USB Composite Device**

Driver Date: 21.06.2006  
Driver Version: 6.2.9200.16384  
Inf name: usb.inf  
Inf section: Composite.Dev.NT

Driver files: C:\WINDOWS\system32\drivers\usbccgp.sys  
Provider: Microsoft Corporation  
File version: 6.2.9200 (win8\_rtm.120725-1247)

#### **USB Mass Storage Device**

Driver Date: 21.06.2006  
Driver Version: 6.2.9200.16384  
Inf name: usbstor.inf  
Inf section: USBSTOR\_BULK.NT

Driver files: C:\WINDOWS\system32\drivers\USBSTOR.SYS  
Provider: Microsoft Corporation  
File version: 6.2.9200.16384 (win8\_rtm.120725-1247)

### 1.16.3. USB Data Transfer Rate

Product Type	Random access	Average read
DPM2 (LFH94XX series)	2,6ms	0,6 MB/s
DPM3 (LFH96XX series)	2,4ms	0,5MB/s
DPM4 (LFH8000 series)	1,0ms	8,8MB/s

Test environment:

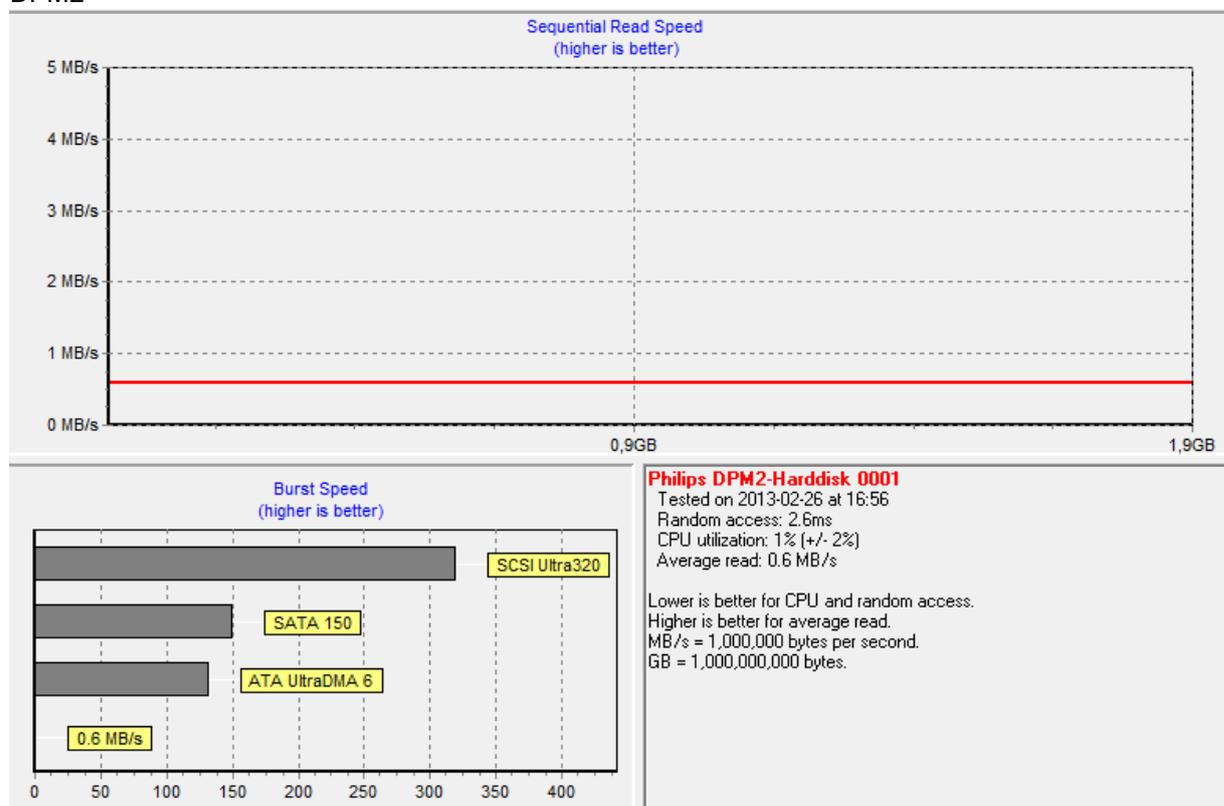
OS: Microsoft Windows 7 Ultimate 64 Bit

Software for testing: HD Tach version 3.0.4.0

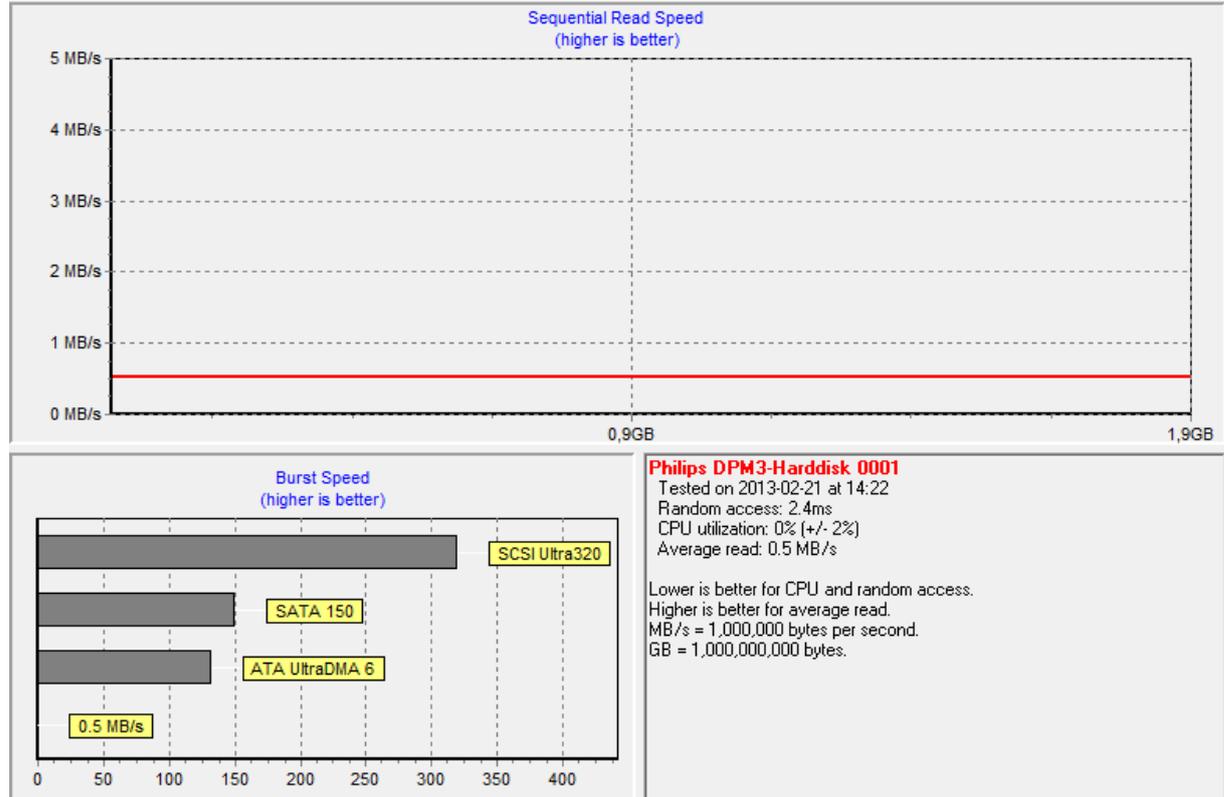
Run in Windows XP compatibility mode

Select long bench – 32MB zones, on 2GB SD Philips memory card

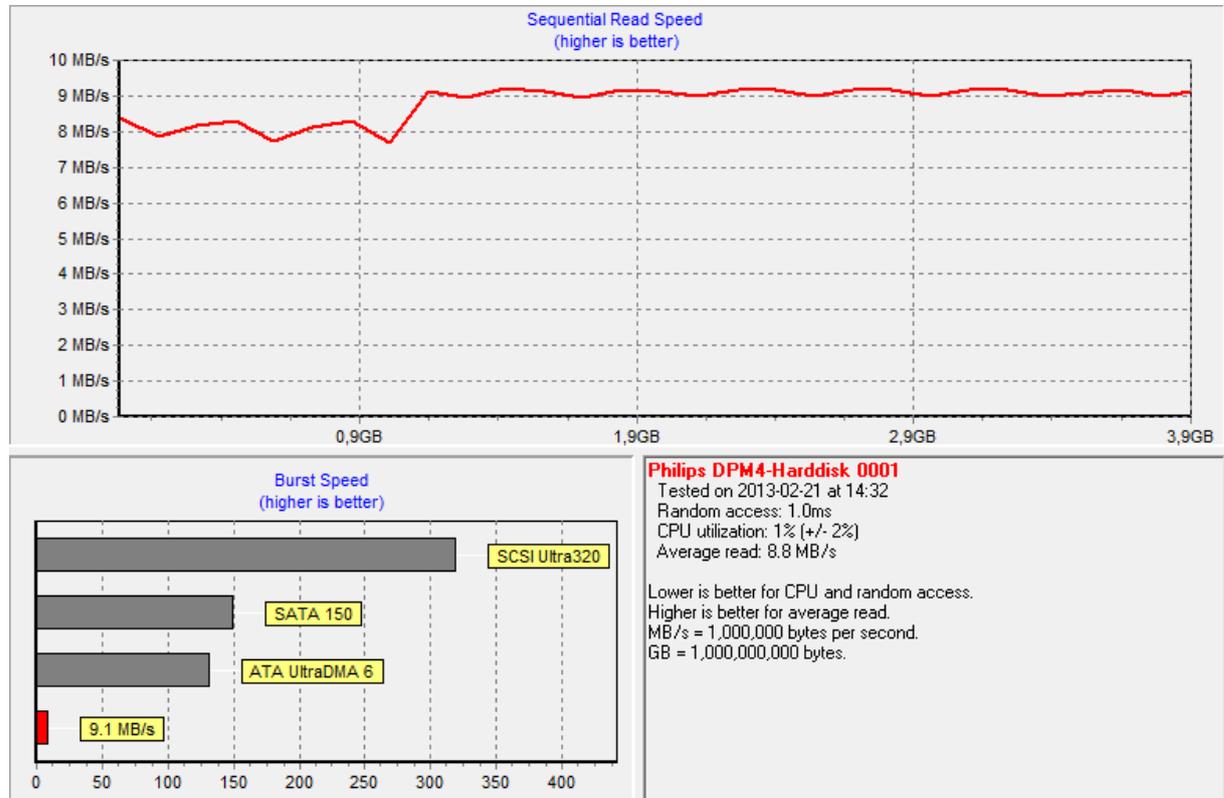
#### DPM2



DPM3



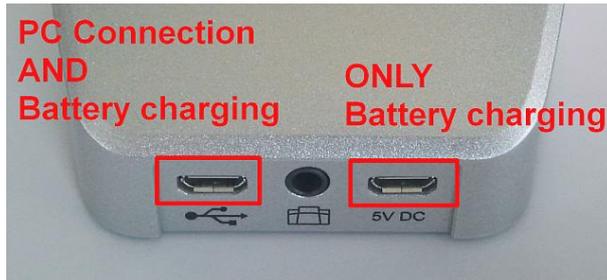
DPM4



## 1.17. Power Supply and charging

Battery type:	Philips rechargeable Li-ion battery ACC8100
Battery Voltage:	3,7V
Battery Capacity:	1000mAh
Battery lifetime:	up to 23 hours of recording (DSS Pro mode) up to 200 hours standby
Charging time:	3 hours (Full Charging)

Options to charge the DPM through the docking station?



Insert the micro USB plug of the cable into the Docking station's **5V DC** Power supply port



Insert the other end of the cable into the any USB power adapter or simply to your computer's USB port.

Blackberry power adapter



iPhone power adapter



Computer/Netbook/Tablet with powered USB port



### 1.17.1. Directly charge the DPM8000 series through the Micro-USB socket.

Take the supplied or any standard Micro-USB to USB cable.



Insert the micro USB plug into the USB port on the recorder



Connect the other end of the cable to any USB power adapter or simply to your computer's USB port.

Blackberry power adapter



iPhone power adapter



Computer/Netbook/Tablet with standard or powered USB port



Also a USB car charger (12V to 5V USB adapter) can be used to charge the device while on the go



### 1.17.2. Charge the DPM8000 series over night when switching off the Notebook.



Many modern notebooks provide power through USB even when the notebook is switched off. On the picture you can see a 'flash' icon right beside the USB icon. This 'flash' icon indicates that this particular USB port (often one of the available ones) will provide power even when the notebook is fully turned off. Connecting to this USB port will make sure the DPM will be charged even when the computer is fully switched off.



Yellow USB Port with Always-ON function.

Please check also the BIOS Settings



You can set security options for protecting the files as well as the DPM8000 series devices. Open the SpeechExec Pro Software, select Settings and General Settings. Select “Enabled”

For details of your PC or Laptop please refer to the technical specification and user manual.

## 2. DPM8000 Menu Structure

File	Description
Delete file	You can delete individual files from the device while the recorder is in STOP mode.
Delete section	Using the play, forward or rewind functions, navigate to the beginning of the section to be deleted, press the F3 Button (MARK), using the play, forward or rewind functions, navigate to the end of the section to be deleted. The section is marked in red. Press F2 Button to confirm the erasing of the marked section.
Priority normal / high	With the priority-setting option, urgent recordings can be prioritized during transcription. You can select High (the symbol <b>!</b> is displayed) or Normal. The default value is Normal.
Lock / EOL	Use the file lock function to prevent important files from being accidentally deleted and mark them as finished
Index set	Index marks can be used to mark certain points in a recording as points of reference
Delete all	Delete all files from the device
File information	Display information about the current file, such as file number, file name, assigned keywords, barcode information, recording date and time
Record	Description
Profile	<p>The recording profile presets recording parameters such as recording quality and file format, microphone sensibility and the microphone mode to suit the recording conditions. The profile's symbol is displayed in the information bar at the top of the Display.</p> <p><b>Meeting:</b> optimized for the recording of multiple sound sources, such as meetings and conferences with a small number of people  <b>Dictate:</b> optimized setting for the recording of a sound source close to the device  <b>Speech recognition:</b> optimized for subsequent editing using speech recognition software  <b>Personal:</b> customize all settings</p>
Line-in	<p>If you connect an external microphone to the device, the recording source will switch automatically and the device's microphones will be turned oT. Set the line-in option depending on the external source: <b>OFF</b> connect an external mono or stereo microphone.  <b>On:</b> connect an amplified recording source (e.g. a stereo system)</p>
Record notification beep	Enable/disable a beep tone indicating recording is about to begin.
Edit mode	You can edit an existing recording by overwriting a part of it or inserting additional recording.
Voice Activation	When voice-activated recording is enabled, recording will start when you begin speaking. When you stop speaking, the device will automatically pause recording after three seconds of silence, and resume only when you begin speaking again.

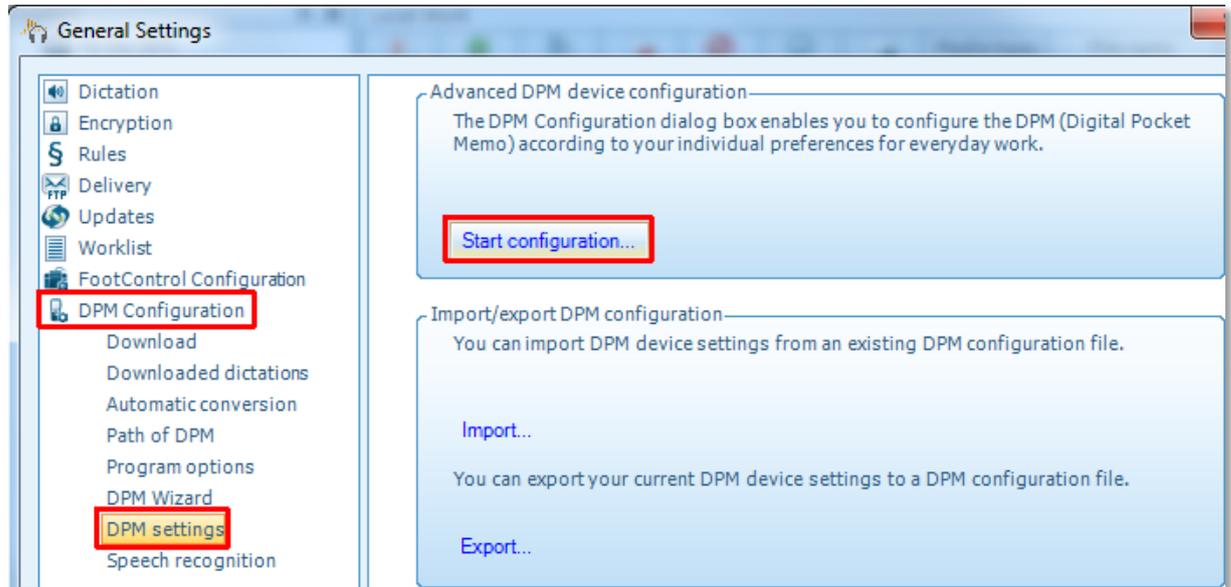
Display		Description																									
Brightness	Adjust the brightness of the display in 9 steps. The brightness level of the display will affect how quickly the device consumes battery power.																										
Backlight	Set the length of time the device waits before turning o: the display's backlight: <b>Auto:</b> adjusts the brightness of the display automatically and turns o: the display's backlight after 8 seconds. <b>8 sec (default), 20 sec, On</b>																										
Appearance	Select a display mode: Advanced (default), Classic																										
Record lamp	Enable/disable the LED light.																										
Language	Set the language for the device's user interface: English, Deutsch, Français, Español, and Italiano.																										
Device		Description																									
Beep	Enable/disable key and signal tones.																										
Acoustic feedback	Allows you to listen to the recording while forwarding or rewinding.																										
Power save	Set the length of time before the recorder will enter into powersave mode: 1 min, 5 min (default), 10 min, 15 min, Off																										
Date & time	The date and time are saved with each recording as the recording time.																										
Slide switch	<p>You can customize the functionality of the slide switch</p> <table border="1"> <thead> <tr> <th>Position</th> <th>Interna- tional</th> <th>Philips</th> <th>Philips classic*</th> <th>German</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>●</td> <td>◀◀</td> <td>◀◀</td> <td>◀◀</td> </tr> <tr> <td>2</td> <td>■</td> <td>▶/●</td> <td>▶/●</td> <td>■/Ⓞ</td> </tr> <tr> <td>3</td> <td>▶</td> <td>■/Ⓞ</td> <td>■/Ⓞ</td> <td>▶/●</td> </tr> <tr> <td>4</td> <td>◀◀</td> <td>▶▶</td> <td>▶▶</td> <td>▶▶</td> </tr> </tbody> </table> <p>* EOL and REC STANDBY buttons switch functionality.</p>		Position	Interna- tional	Philips	Philips classic*	German	1	●	◀◀	◀◀	◀◀	2	■	▶/●	▶/●	■/Ⓞ	3	▶	■/Ⓞ	■/Ⓞ	▶/●	4	◀◀	▶▶	▶▶	▶▶
Position	Interna- tional	Philips	Philips classic*	German																							
1	●	◀◀	◀◀	◀◀																							
2	■	▶/●	▶/●	■/Ⓞ																							
3	▶	■/Ⓞ	■/Ⓞ	▶/●																							
4	◀◀	▶▶	▶▶	▶▶																							
Auto backspace	Move the slide switch briefly to the ◀◀ <b>REW</b> position to jump back the configured number of seconds in the recording: Off (default), 1 sec, 2 sec, 3 sec, 4 sec.																										
Device information	Display information about the device, such serial number, model number and firmware version.																										
Format card	Deletes all recordings and files saved on the device.																										
USB charge	Change the charging option of the device. If the USB port of your computer does not supply enough power capacity (500 mA), charging may not be successful. Set the USB charge option to Slow [100 mA] or O+ and use an (optional) power supply. • Fast [500 mA] (default) • Slow [100 mA] Off																										
USB audio	When set to On, the device can be used as audio output device for the computer when it is connected via the USB cable.																										
External spaker	<p>Factory default Off, which means the audio output signal is routed to the internal speaker if no headphone is connected and to the headphone-jack if a headphone is connected.</p> <p>By changing this setting to On, the audio output signal is routed to the internal speaker and to the headphone-jack at the same time (no matter if a headphone is connected or not).</p> <p>The remote control (only available for DPM8900) can't be detected reliably if this setting is changed to "On".</p>																										

Hands free mode	The recorder can be used for hands-free recording and transcription by connecting the optional Philips foot switch LFH2210 to the docking station. In this operating mode, you can control the recording and playback functions with the foot switch.
Diagnosis file	Save a diagnosis file for error analysis and a file with all device configuration settings on the memory card.
Reset settings	Reset your settings to the factory default values.
Noise reduction	Turn on the noise reduction function for better playback quality.

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### 3. DPM8000 Advanced Recorder Configuration.

The SpeechExec Pro Dictate Advanced Recorder Configuration wizard enables you to configure your recorder according to your individual preferences.  
To start the Advanced Recorder Configuration wizard, click **SETTINGS**, select **DPM Configuration** and click on **DPM settings**.



The wizard consists of the following pages

- Display
- Downloading
- Buttons
- Keywords
- Security
- Advanced

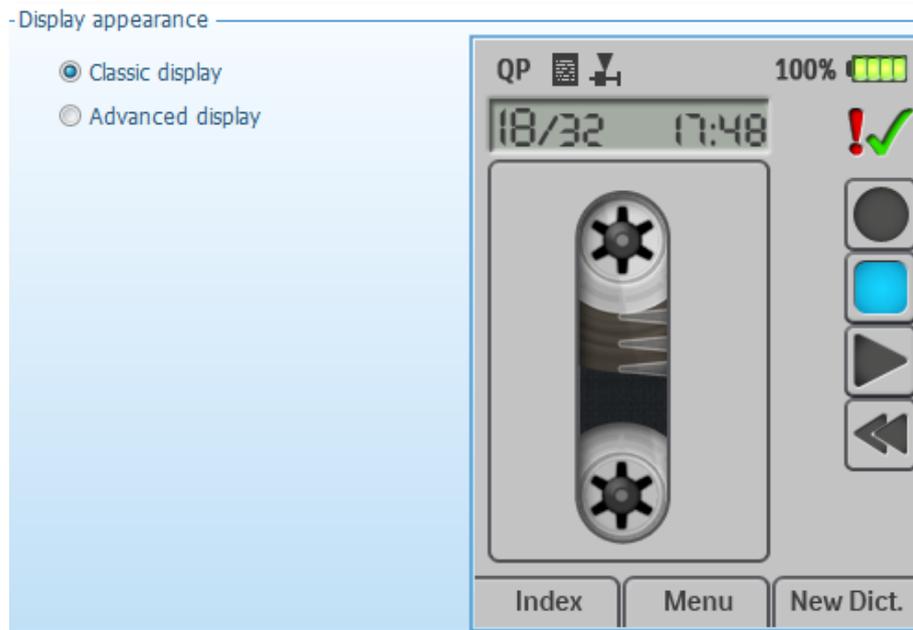
**Display:** Enables users to customize the display of the recorder.  
**Downloading:** Enables users to make device-specific settings for the file transfer between the recorder and the computer.  
**Buttons:** Enables users to customize the functions of the buttons on their recorder.  
**Keywords:** Enables users to create keywords with strings for their displayed name and selectable values.  
**Security:** Enables users to set security options for their recordings and for the recorder as well.  
**Advanced:** Provides advanced options and settings for the behavior of the recorder.

## 3.1. Display

Here you can customize the display of the recorder.

### 3.1.1. Classic Display

Classic Display - this option uses larger symbols. The image of the tape-based recorder is used here as an illustration.

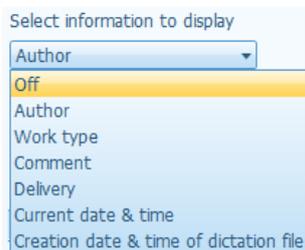


### 3.1.2. Advanced Display

This option uses smaller symbols and shows more detailed information about the current dictation. A group-box enclosing four combo boxes are displayed here.

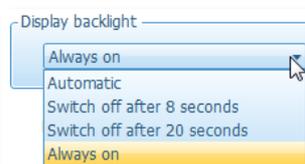


You can also specify what kind of additional information you would like to see about your dictation file:



Available values of keywords:  
 Off  
 Author  
 Work type  
 Comment  
 Delivery  
 Current date & time  
 Creation date & time of dictation file

### 3.1.3. Display backlight



This setting enables you to control the switch-off time of the recorder display by selecting one of the following values:

Automatic – Light sensor  
 Switch off after 8 seconds  
 Switch off after 20 seconds  
 Always on

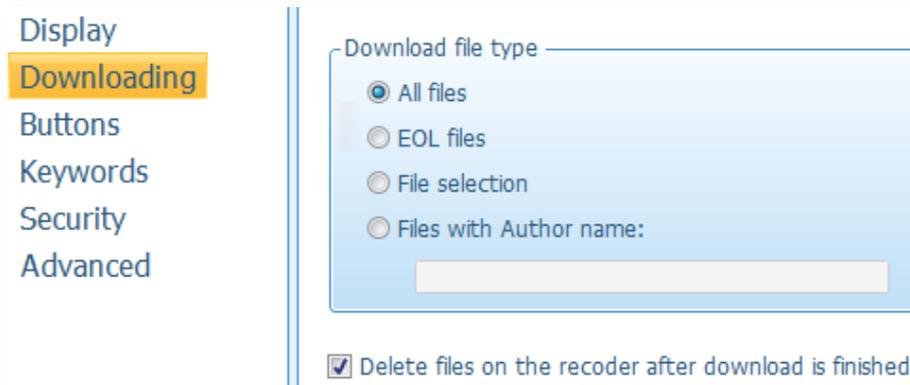
### 3.1.4. Time Format

This setting defines that the time is displayed in the 12-hour time format with AM/PM symbols on the recorder. Otherwise, the time is displayed in the standard 24-hour format.

**Note:** The date is always displayed in the YYYY-MM-DD format.

## 3.2. Downloading

This page provides various options for device-specific settings for the file transfer between the recorder and the computer.



Download file type:

Note: This setting is ignored when performing manual download in SpeechExec. In this case, all the files on the recorder are displayed and can be selected individually for download.

### All files

Downloads all files from the recorder to the computer. This is the default setting.

### EOL files

Downloads all files with the EOL indication.

### File selection

Instructs the download application to display the list of files on the recorder. This dialog enables you to select individual files for downloading.

### Files with Author name

Downloads all files with a specific author name (1st keyword). The maximum number of characters is 30.

### Delete files on the recorder after download is finished

Deletes the downloaded dictation files on the recorder after they have been transferred to the computer.

## 3.3. Buttons and slide-switch configuration



On the right-hand side of the group-box, an animation related to the currently selected slide switch configuration is played.

The following slide-switch types are available:

### 3.3.1. Philips classic switch



### 3.3.2. Philips slide switch



### 3.3.3. International slide switch



### 3.3.4. Grundig slide switch



### 3.3.5. Programmable smart button

Here you can customize the role and behaviour of the Smart buttons 1-3 on the selected recorder to meet your personal requirements in **Stop New**, **Stop**, **Record**, **Record Standby** and **Playback** mode.

**Note:** In case of International slide switch configuration, the smart buttons cannot be customized in **Record Standby** mode.

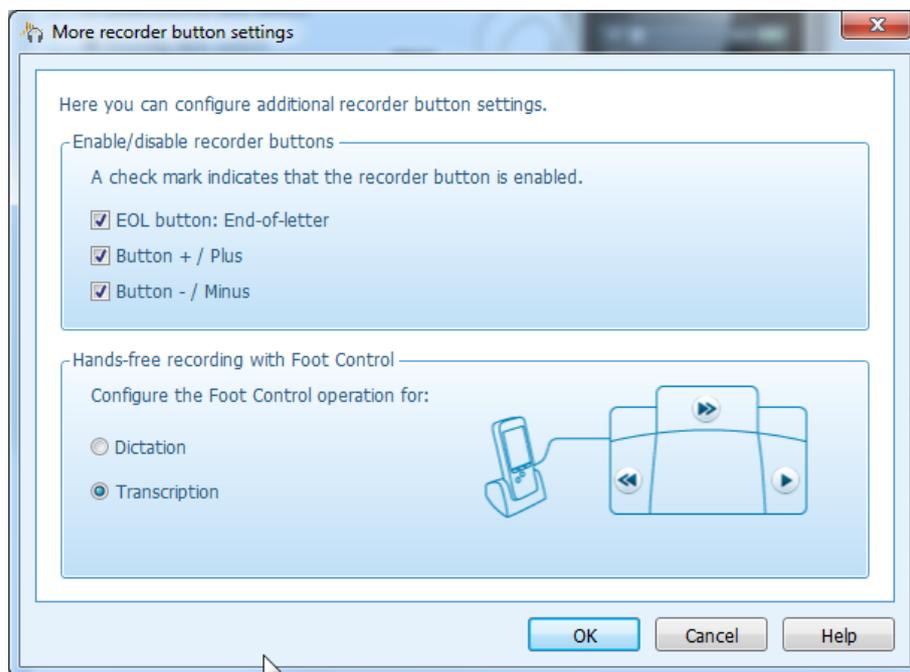
Mode	Smart button 1	Smart button 2	Smart button 3
Stop New - empty file	Show 'customer' values	Main menu	Recording profile
Stop	Show 'customer' values	Main menu	Create new file
Record	Set index	<Disabled>	Set instruction
Record Standby	Set index	File information	Create new file
Playback	Set index	Mute speaker	Playback speed

Pocket Memo Mode	Smart Button 1	Smart Button 2	Smart Button 3
Stop New – empty file	Show “Author” values	Main menu	Show “Author” values
	Show “Work type” values		Show “Work type” values
	Show “Comment” values		Show “Comment” values
	Show “Delivery” values		Show “Delivery” values
	Toggle priority		Toggle priority
	File information		File information
	Recording profile		Recording profile
	Disabled		Disabled
Stop	Set index	Main menu	Set index
	Change edit mode		Change edit mode
	Show “Author” values		Show “Author” values
	Show “Work type” values		Show “Work type” values
	Show “Comment” values		Show “Comment” values
	Show “Delivery” values		Show “Delivery” values
	Toggle priority		Toggle priority
	File information		File information
	Delete file		Delete file
	Toggle EOL		Toggle EOL
	Create new file		Create new file
	Disabled		Disabled
Record	Set index	Set index	Set index
	Set instruction	Set instruction	Set instruction
	Disabled	Disabled	Disabled

Pocket Memo Mode	Smart Button 1	Smart Button 2	Smart Button 3
<p>Record Standby</p> <p>This functionality is not available for the International slide-switch configuration</p>	Show "Author" values	Show "Author" values	Show "Author" values
	Show "Work type" values	Show "Work type" values	Show "Work type" values
	Show "Comment" values	Show "Comment" values	Show "Comment" values
	Show "Delivery" values	Show "Delivery" values	Show "Delivery" values
	File information	File information	File information
	Set index	Set index	Set index
	Create new file	Create new file	Create new file
	Disabled	Disabled	Disabled
<p>Playback</p>	Mute speaker	Mute speaker	Mute speaker
	Playback speed	Playback speed	Playback speed
	Set index	Set index	Set index
	Disabled	Disabled	Disabled

### 3.4. Hands-free recording with Foot Control

Here you can configure additional recorder button settings.



Enable / Disable recorder buttons

- EOL button
- Button +
- Button -

Hands-free recording with Foot Control

To the right of the radio buttons, a picture related to the currently selected radio button is displayed. Here you can configure the Foot Control operation for the followings:

### Dictate

In this operating mode, you can control the dictation functions with the Foot Control to keep your hands free for your work.

1. Connect the plug of the Foot Control to the Foot Control socket of the docking station.
2. Set the switch on the underside of the Foot Control to the T position.
3. Place the Digital Pocket Memo into the docking station. A Foot Control icon is displayed on the screen.
4. Press the middle pedal of the Foot Control to enter **Record standby** mode. To start recording, press the right pedal of the Foot Control. For short pauses, press the right pedal of the Foot Control again. To continue recording, press the right pedal of the Foot Control again.
5. To stop recording, press the left pedal of the Foot Control. To continue recording, repeat step 4.
6. Press and hold the left pedal of the Foot Control for fast rewind. When rewinding reaches the desired position, release the pedal.
7. When recording is stopped, press the right pedal of the Foot Control to start playback. Press the right pedal of the Foot Control again to stop playback.

### Notes:

The right pedal can be configured via a switch on the back side of the foot pedal to either Normal- or Toggle-mode.

Double click the left pedal of the Foot Control during recording to finish/lock (EOL) the current recording and create a new file.

### Transcribe

In this operating mode, you can control the transcription functions with the Foot Control to keep your hands free for your work.

1. Connect the plug of the Foot Control to the Foot Control socket of the docking station. The foot control has three pedals, from left to right: fast rewind, fast forward and playback.
2. Press and hold the left pedal for fast rewind. When rewinding reaches the desired position, release the pedal.
3. Press and hold the middle pedal to fast forward. When forwarding reaches the desired position, release the pedal.
4. Press the right pedal to start playback.

The behavior for starting and stopping playback depends on the setting of the playback switch on the underside of the foot control:

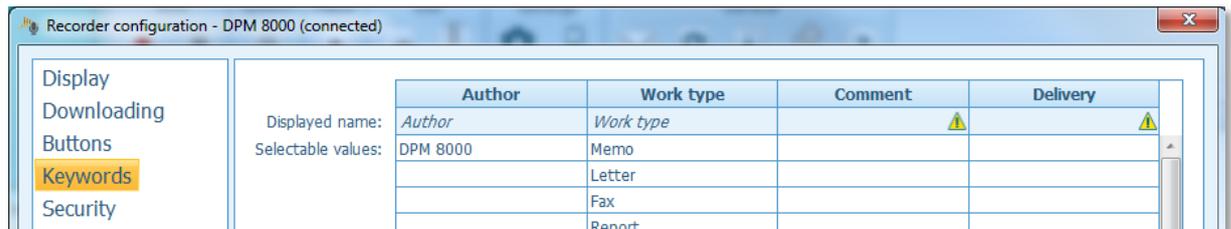
**N (Neutral) position:** Press and hold the right pedal for playback. When the pedal is released, playback is stopped.

**T (Toggle) position:** Press and release the right pedal to start continuous playback. Press the right pedal again to stop playback.

## 3.5. Keywords

The definition of recorder keywords enables authors to personalize their dictations via these predefined keywords. The keywords are a combination of a displayed name and several content strings. This information is transferred to the recorder where the predefined keywords become available to the authors. You can configure the displayed name and the selectable values for keywords.

The authors can select from the predefined entries and assign them to their dictations. These entries are saved together with the dictation. They can, for example, be used by the transcriptionist for filtering the dictations.



### 3.5.1. Definition of a Keyword

The definition of a recorder keyword involves the following steps:

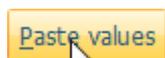
- Definition of displayed name.  
The maximum number of characters for each usage entry is **30**. For example, the usage for the second keyword can be Worktype, the usage for the third keyword Comment.
- Definition of **Selectable values** strings.  
Each Keyword can have up to 40 content entries; the maximum number of characters for each content entry is 30. For example, the content entries for the keyword with usage Worktype can be a selection of possible subject areas, such as Memo and Letter.

### 3.5.2. Transfer keywords



Click this button to transfer the keyword definitions immediately to the connected recorder. Configuring the author's name as a keyword is particularly useful when configuring many recorders at the same time.

### 3.5.3. Paste values



Click this button to insert custom property values of a specified keyword among the recorder keyword entries from the clipboard.

### 3.5.4. Import values



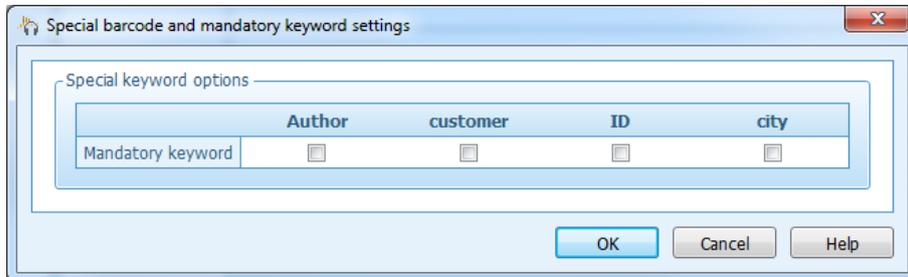
Click this button to import custom property values of a specified keyword among the recorder keyword entries from a previously saved text file.

**Note:**

The maximum length of a keyword value can be 30 characters, longer strings will be truncated.

### 3.5.5. Special barcode and mandatory keyword settings

This window enables you to define input options for keywords. You can assign the keywords for the input options listed below. Activate the checkboxes of those Keywords you want to set the selected input option for. If you do not want to set an input option, make sure that all checkboxes are deactivated.



### 3.5.6. Mandatory keyword

This setting defines the keyword selection as mandatory. This means that you have to provide the required keyword input before you can start recording.

### 3.5.7. Barcode into keyword

This setting enables you to scan information into keyword fields using the barcode scanner on the 8500 recorder. You have to provide the required input via barcode scanning; the Digital Pocket Memo automatically displays the barcode scanning screen.

If the recorder has been configured to work with Linked Keywords, manually changing the values of keywords 'KW2Usage' to 'KW4Usage' is not allowed.

If the recorder has been configured to work with a PIN code Author list, manually changing the values of keyword 'KW1Usage' is not allowed.

If the recorder is configured to work with a PIN code Author list, a barcode scan or mandatory polling of Keyword1 is not possible when working with pre-defined Author PIN code assignment. To deactivate this specific configuration you need to reset the recorder back to factory defaults.

**Note:**

This setting is available with Pocket Memo 8500 only.

### 3.5.8. Find csv data-list entry with barcode scanner

The barcode scanner of a DPM8500 can be used to search for a data-set in the data list.



When the top right button (above the slider) is pressed while the data list is displayed (see picture above), the scanned result will be used to search for the scanned string in the data list.

The search inside the data list is not limited to a specific row in the data list. All available list entries are browsed until the scanned string is found as a data list entry. If the entry is found, the data list cursor is placed at this data list entry. The user must still select this entry by pressing "OK" smart button. Only the cursor is moved by this advanced search with the barcode scanner.

However, the data list display will show only the first two columns for each data list-row, even if the string is found in the eg.: 3<sup>rd</sup> column.

If a barcode is scanned successfully, the DPM8500 will search in the data list for this string and will set the cursor in the data-list to the first entry matching this string. In addition a short confirmation beep is audible. The entry is not selected automatically. The user has still to confirm the found entry. If the scanned string can't be found in the data-list, the DPM8500 will not move the cursor and will generate 3 beep tones as a warning.

Example:

This data list is loaded into the DPM4:

```
name,gender,ID,birthdate
Williams,f,328426,06.06.1975
Jones,m,322426,07.06.1975
Brown,m,428426,08.06.1975
Davis,f,328726,09.06.1975
Miller,m,23423,10.06.1975
Wilson,m,528426,11.06.1975
Moore,f,256426,12.06.1975
Taylor,f,323456,13.06.1975
Anderson,f,234426,14.06.1975
Thomas,m,675426,15.06.1975
Jackson,m,234234,16.06.1975
White,m,234526,17.06.1975
Harris,f,748426,18.06.1975
```

The user enters the data list display:



The user can activate the barcode scanner by pressing the top right button (above the slider).

Assuming this barcode is scanned:



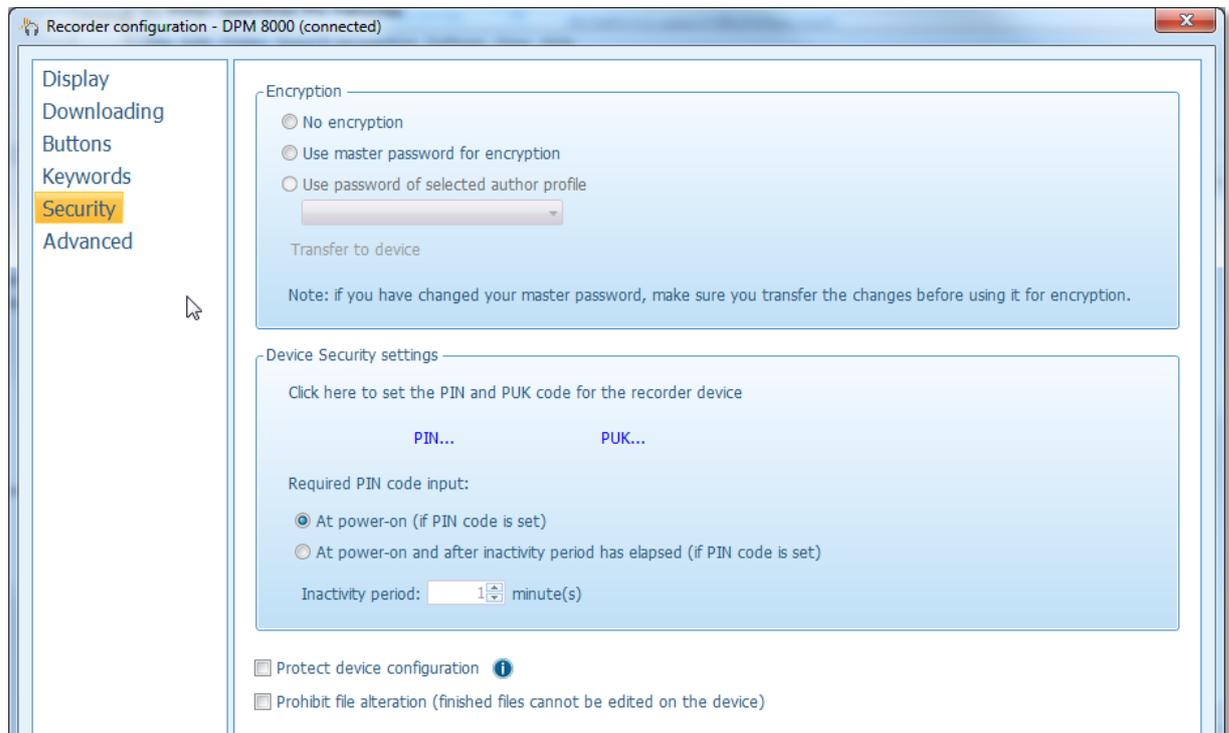
The device would make an ascending beep sound and the display would change to the representation below because the string "234426" was found in this line of the data list:  
Anderson, f, 234426, 14.06.1975

The user has now the option to either confirm this selection by pressing "OK" smart button, to change the selection with the PLUS/MINUS buttons or to exit the data list by pressing "Back" smart button.



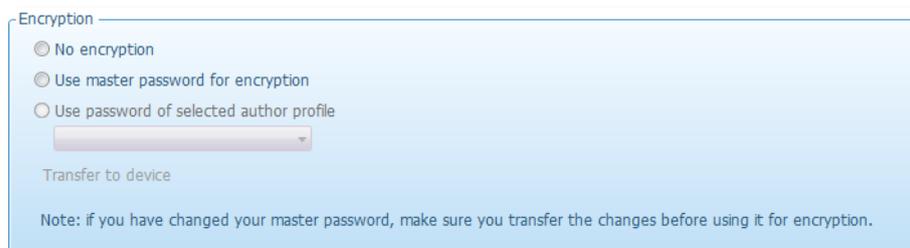
## 3.6. Security

Here you can set security options for protecting the files as well as the recorder devices.



### 3.6.1. Encryption

Encryption enhances the protection and safety of your dictations.



#### No encryption

This option means that your recordings are not protected from third-parties.

#### Use master password for encryption

With this option, you can use your predefined master password from SpeechExec for encrypting the dictation of an author, even if there is a different password set in the corresponding author's profile. This option is generally used when only one author uses SpeechExec and, therefore, it is insignificant to set different passwords for different authors.

#### Use password of selected author profile

This option automatically uses the password in the author's profile for encrypting dictations. This means that if more than one author uses SpeechExec at the same time for working on dictations, then each of them uses her own password for encryption.

**Note:**

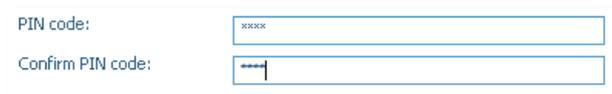
If you have changed your master password, make sure you transfer the changes before using it for encryption.

### 3.6.2. Device security settings

By setting the PIN and PUK codes, you can protect the recorder itself by prohibiting others from turning the device on.



#### 3.6.2.1. PIN activate



Here you can set the PIN code for the recorder device. The following options can be defined for PIN code usage:  
At power-on (if PIN code is set):

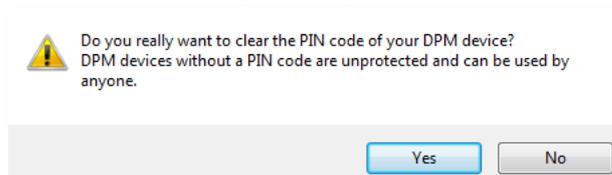
- The PIN code must be entered when turning on the recorder.
- At power-on and after inactivity period has elapsed (if PIN code is set): The PIN code must be entered when turning on the recorder and when the specified time during which no action has been taken with the device has elapsed. Possible values for the inactivity period range between 1-99 minutes.

PIN protected device will be not recognized on USB before you type the right PIN Code. All the dictation files can be transferred to the PC with external SD-Card reader.

#### 3.6.2.2. PIN deactivate



Clear the PIN code field and Confirm PIN code field areas and click on OK. You see the Warning Message, click on YES and your Device is open.



### 3.6.2.3. PUK...

PUK code:

Confirm PUK code:

Here you can set the PUK code for the recorder device. With PUK code you protect the PIN Code. If you will change the PIN Code, then the PUK code is needed.

**Note1:**

**If you define the PUK code for the device, an you enter a wrong PIN code 10 times, then the device is locked and you will be asked to enter PUK2**

**Note2:**

**If you define the PUK code for the device you can't reset the connected device to defaults factory setting with the Software SpeechExec. Please use the MENU / DEVICE / RESET SETTINGS to restore the standard settings.**

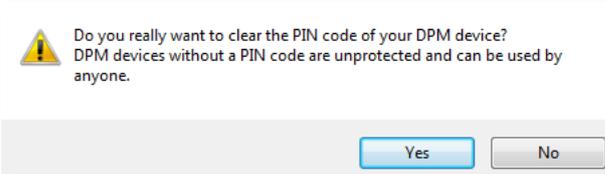
### 3.6.2.4. PIN deactivate with PUK

PIN code:

Confirm PIN code:

PUK code:

Clear the PIN code field and Confirm PIN code field put the PUK code and click on OK. You see the Warning Message, click on YES and your Device is open.



### 3.6.2.5. PIN / PUK is lost, how to recover?



To recover a PIN/PUK the PUK2 is needed . PUK2 can only be created by Service and Support Group in Vienna.

The user needs to contact his local dealer who then needs to create a ticket in consol. In order to unlock the device with the PUK2 we need the serial number of the device which can be found uderneath the rechargeable battery – open the battery cover, remove the Li-Ion battery and you see the full serial number.

(see picture) to ensure that the user is the owner of the device therefore a purchase receipt needs to be attached to the tickes if this is not available we need n declaration on oath from the user.

#### 3.6.2.6. Protect device configuration

By selecting this option, the settings for the recorder which have been made with the SpeechExec Pro Dictate program cannot be changed by users when they are working with the recorder.

#### 3.6.2.7. Prohibit file alteration

By selecting this option, you cannot modify the recordings on the recorder. Such modifications include the deletion of a file or insertion into an existing recording.

#### 3.6.2.8. USB Mass Storage write protection

### 3.7. Advanced configuration

Here you can configure the active recording profile of the recorder and change the settings of each profile.

Recording profiles

Here you can configure the active recording profile of the recorder and change the settings of each profile.

Currently used recording profile:

**Personal**

	Mic directivity in hand	Mic directivity on desk	Recording quality	Mic sensitivity
<input type="radio"/> Dictate	Directional	360° meeting	DSS QP	Standard
<input type="radio"/> Speech recognition	Directional	360° meeting	DSS QP	Low
<input type="radio"/> Meeting	360° meeting	360° meeting	MP3 stereo	High
<input checked="" type="radio"/> Personal	Directional	360° meeting	DSS QP	Standard

Discard changes

#### 3.7.1. Recording profiles

The following recording profiles are available:

<input checked="" type="radio"/> Dictate	Dictate
<input type="radio"/> Speech recognition	Speech recognition
<input type="radio"/> Meeting	Meeting
<input type="radio"/> Personal	Personal

#### 3.7.2. Mic directivity in hand / Mic directivity on desk

Directional
360° meeting

Here you can set how the recorder uses its microphones while that is hold in hand or put on a desk.

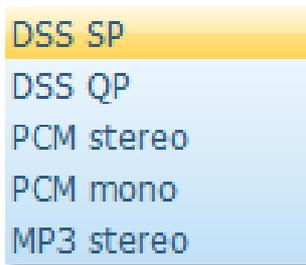
The following two options are available:

**Directional:** This option is used for focused recording.

**360° meeting:** This option is used for recording overall ambient sound equally with two active microphones.

### 3.7.3. Recording format

Here you can define what sound format is used for recording dictations on the recorder



**DSS SP:** This recording format provides excellent audio quality. It is recommended when the dictation sound files are used, for example, for speech recognition.

**DSS QP:** This recording format provides you with the best quality for your recordings.

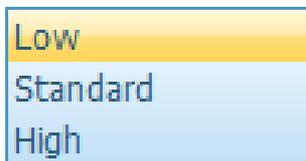
**PCM** (mono or stereo format): This recording format provides uncompressed data.

**MP3:** This recording format provides high audio quality.

File type	Sample/sec	Bit rate	Channels	Average bytes/s	Codec
DSS SP	12kHz	13,7 kbps	1	1750	dss
DSS QP	16kHz	28 kbps	1	3563	ds2
MP3 Stereo	44,1 kHz	192 kbps	2	24000	MP3 CBR
PCM Voice	22,05 kHz	352 kbps	1	44100	PCM
PCM Stereo	22,05 kHz	705 kbps	2	88200	PCM

### 3.7.4. Microphone sensitivity

Here you can set the sensitivity level for the audio input via the built-in microphone.



**Low (Private):** This setting is recommended when recording dictations in a noisy environment. To get a good quality recording it is important to speak close to the microphone

**Medium (Dictate):** This is the default setting and recommended when recording dictations in a normal environment.

**High (Conference):** This setting is recommended when, for example, recording at a conference.

### 3.7.5. File Name

This setting defines how the file names of recorder recordings are created.



**Author** option creates a file name based on the predefined author name.

**Prefix** enables you to define a prefix string with up to 4 characters.

**Example:** File name creation with author name

The entries for the keyword usage, this means the defined content strings, are a selection of author's names: Jones, Singh, Watson.

Author Watson selects the respective author name on the recorder. The recorder generates this file name: Wats001.dss

**Example:** File name creation with prefix string

Author Watson defines the prefix string john. The recorder generates this file name: john0001.dss, john0002.wav, john0005.ds2....

Media type	File name
 DS2	john0008.ds2
 DS2	john0007.ds2
 DS2	john0005.ds2
 WAV	john0002.wav

### 3.7.6. Edit Mode – Insert, Overwrite, Append.

**Insert** mode means that the newly recorded speech is inserted at the current position in the sound file. Any existing recorded speech is preserved.

**Overwrite** mode means that the newly recorded speech replaces existing recorded speech at that position in the sound file. The default setting is Overwrite mode.

**Append** mode means that the newly recorded speech is added to the end of the sound file. Any existing recorded speech is preserved.

### 3.7.7. Index / Spoken instructions

Depending on the recorder which is connected, this setting defines that the Index button on the recorder records a special instruction or a spoken instruction or sets an Index marker when it is pressed during recording.

**Note:**

If you press the button for a short time no spoken instruction is created. If you keep the button pressed, a spoken instruction with zero length is created; this means that an Index marker is set.

### 3.7.8. Device beep

The recorder provides an audio signal (beep) when certain operations are completed, for example after you played back a dictation. If the setting is not activated, the recorder only provides an audio signal when you receive a warning, such as when the batteries are low or when you press a button that does not have any function.

### 3.7.9. Voice-activated recording

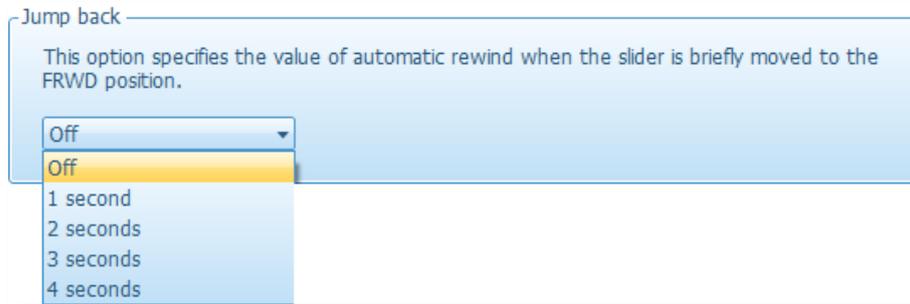
This setting defines that the voice-activated recording mode is used.

Voice-activated recording mode is a convenient feature for hands-free dictation. When voice-activated recording is enabled, the recorder is in Record Standby; recording will start automatically when the input level exceeds a certain threshold (this is usually when the author starts speaking).

Recording stops automatically a few seconds after the author stops speaking and restarts automatically when the author starts speaking again.

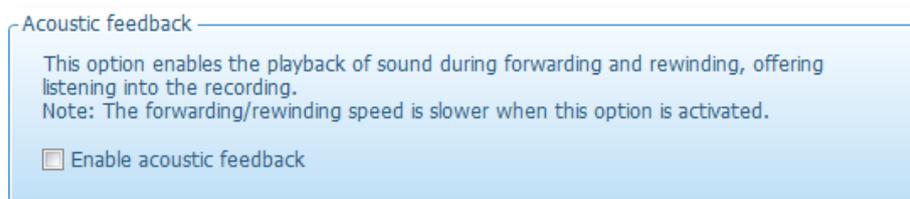
## 3.8. More recording settings

### 3.8.1. Jump back



Specifies the number of seconds to rewind a file when moving the slider to the FRWD position. To set this option, select the desired value (from 0 to 4) from the combo-box. After the device reset, this value will be set to **Off** (0).

### 3.8.2. Acoustic feedback



Enables you to listen to the recorded speech or easily find a specific position in the sound file.  
Enable acoustic feedback  
Activate this option to listen to the dictation file while forwarding or rewinding a recording on the recorder.

### 3.8.3. Dictation number

This setting defines the numbering sequence for dictation sound files on the recorder.



#### **Continue existing sequence:**

The current numbering sequence on the recorder remains unchanged.

#### **Example**

Author Watson selects this option to continue the current numbering sequence. There are already 15 files on the recorder, therefore the recorder continues the file numbering as follows: Wats016.dss, Wats017.dss, Wats018.dss, Wats019.dss and so on.

### Start new sequence:

The number which is entered in the field will be used for creating a new numbering sequence after the settings have been transferred to the recorder. This means that the next new file, and from that point on all subsequent files, will use the new numbering sequence.

Example

Author Watson selects this option to create a new numbering sequence and types the following number into the field: 100

The recorder generates file numbers as follows: Wats100.dss, Wats101.dss, Wats102.dss, Wats103.dss and so on.

#### 3.8.4. Record into one file only

- Record into one file only
- Record notification beep
- Enable noise reduction

This setting defines that only one dictation sound file is created. Activating this option changes the behavior of the recorder. Any recording you make is stored in a single file, instead of separate files for different subjects; this behavior is similar to recording on a tape with an analog device.

#### 3.8.5. Record notification beep

- Record into one file only
- Record notification beep
- Enable noise reduction

This setting defines that the recorder beeps when recording is possible. Activating this option means that you must wait until you hear a beep before you start recording; this behavior is similar to the behavior of standard voice mail machines.

In a Citrix environment, SpeechExec does not play such acoustic notifications even if this option is enabled.

#### 3.8.6. Noise reduction

- Record into one file only
- Record notification beep
- Enable noise reduction

If you activate this setting, the recorder reduces background noise while you are creating a new recording.

#### 3.8.7. Record from external sources Line-IN



**ON** will attenuate the recording sensitivity by 26dB in order to allow higher input levels from a line-out source. This attenuation is only enabled when an external device is connected to the mic-in jack.

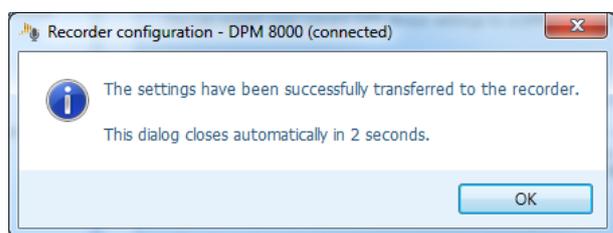
DPM8000 can't distinguish between an external microphone and an external line-out device. **Even the external microphone would be attenuated if Line-in is set to ON.**

As long as no external device is attached via the mic-in jack, the recording sensitivity is not changed.

This setting has no influence on the mono/stereo file property.

### 3.9. Settings transferred

When all changes have been made the configuration values can be transmitted to the device. The confirmation window closes automatically after 3 seconds.



## 4. Backup the DPM8000 Settings

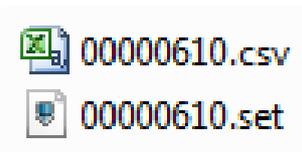


With the Diagnosis file you can create a backup file (\*.set) with complete device configurations settings. This is helpful for generating an exact set of same settings and can be used to clone customer's device.

**Note:** Rename the file to **dpm4.set** and copy it to another DPM8000 series device – it then will have the same configuration and settings as the device where the 00000610.set file has been generated.

In any case of problems with the device please create the diagnosis file and the device configuration file and send this via E-mail to your local Partner or Technical Manager.

### 4.1. Diagnosis file



With the diagnosis file (\*.csv) you have information about the last functions performed and a overview about the working conditions. This example 00000610.set file content following information:

Button	Value
Powerswitch	;0000000072
Side left	;0000000004
Side right	;0000000015
Soft left	;0000000324
Soft middle	;0000000254
Soft right	;0000000457
Plus key	;0000000298
Minus key	;0000001114
Pos1	;0000000031
Pos2	;0000000091
Pos3	;0000000064

## 5. CSV List

A csv list with patient or insurance issues can be transferred to the DPM4 by copying a file named 'list.csv' to the memory card of the DPM4. The device will validate the 'list.csv' file and when found valid will delete it from the memory card and write in to device. A valid list.csv file has one title-row and up to 40 content-rows with 4 columns each. Every string has a max. of 30 chars. The strings are not validated, they can even be empty.

### 5.1. Example of content

#### Example1 list.csv:

```
name,gender,ID,birthdate
John,m,34879,04.06.1970
Morris,m,487523,01.01.1940
Smith,f,237,23.02.2001
```

#### Example2 list.csv

```
car,insurance,driver,day
Ford,insur1,peter,Monday
Audi,insur2,martin,Tuesday
Mercedes,insur3,tim,Wednesday
Porsche,insur4, ,Sunday
```

### 5.2. Invalid list format recognition

An error message will be displayed if an invalid list.csv or authorPIN.csv has been uploaded to the DPM4-Pro. These invalid files are simply ignored if uploaded to a DPM4-Entry.

The warning message must be confirmed by pressing SMART2-button with caption "OK". The invalid \*.csv file remains on the card, so this error message will reappear if the device is restarted again.

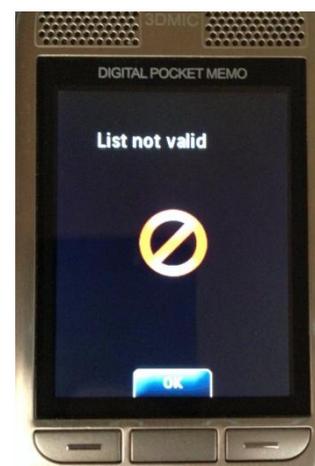
Example for wrong format:

```
car,insurance,driver,day
Ford,insur1,peter,Monday
Audi,insur2,martin,Tuesday
Mercedes,insur3,tim,Wednesday
Porscheinsur4Sunday
```

You can delete this list.csv file from the memory card or edit this file directly in the device.

 DPM 0001.DS2	22.01.2014 08:36	DS:
 DPM 0003.DS2	13.02.2014 11:09	DS:
 DPM 0003.MP3	17.01.2014 16:23	MP
 list.csv	13.02.2014 11:17	Mi

Type: Microsoft Excel Comma Separated Values File  
Size: 135 bytes  
Date modified: 13.02.2014 11:17



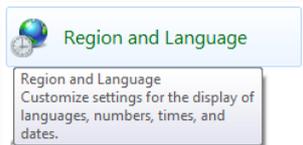


## 5.3. Create csv list with Microsoft Excel

This step-by-step instruction describe how to prepare a csv list with Microsoft Excel installed on Windows 7 and transfer a csv list to DPM8000 device.

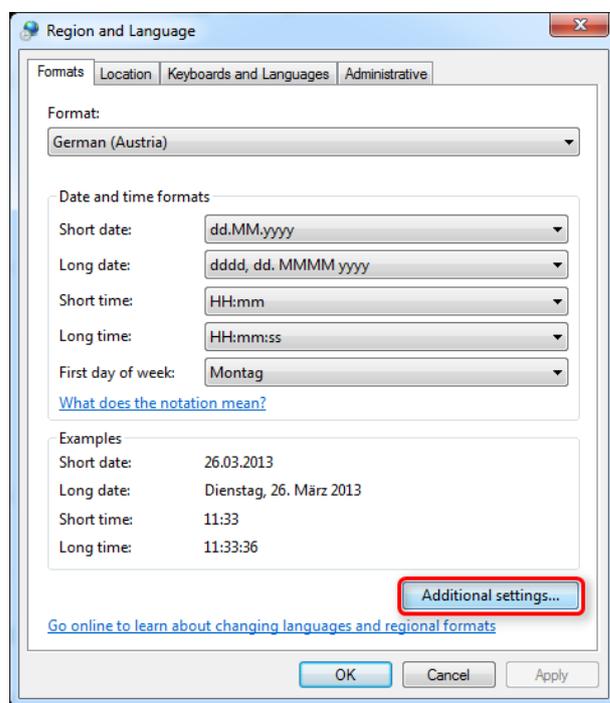
### 5.3.1. Region and Language settings

Click on Windows Start Button and select Control Panel.

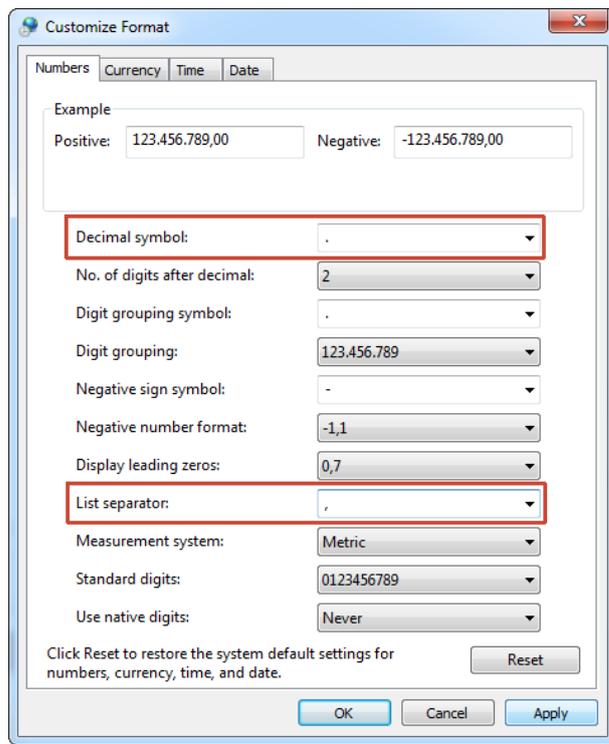


Open the Region and Language options

Click on Additional settings...



Check or set the characters for Decimal symbol and for List separator.  
For the decimal symbol is necessary . (dot) and for list separator , (comma).  
Click Apply, and OK, and leave the window.



### 5.3.2. Create list.csv with Excel

Open new Excel sheet and create a table with 4 columns, in our example named – customer, ID, city, insurance. The first row is the Title row.

	A	B	C	D
1	customer	ID	city	insurance

You can use up to 40 rows, for any cells up to 30 characters for content description.

	A	B	C	D
1	customer	ID	city	insurance
2	Mustermann	201303261022	Nürnberg	Allianz
3	Musterfrau	201303121855	Fürth	Provinzial
4	Müller	201212051535	Berlin	Generali
5	Maier	201302170955	Wien	Raiffeisen
6	Kowalski	201301171148	Dortmund	Uniq
7	Smith	201303171454	London	Aviva
8				

After the list is created, save this direct in to DPM8000 device or make a local copy for backup. Please don't click on Save, select the File ribbon, and click on Save As.

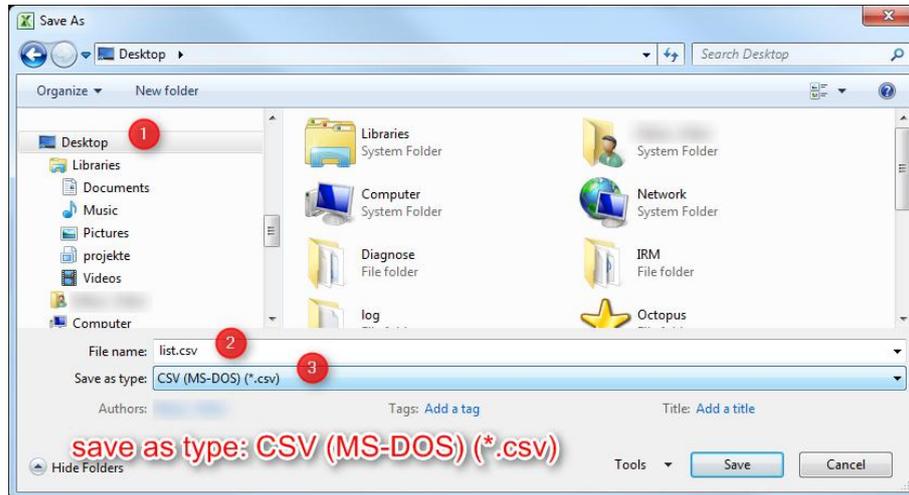


You can also prepare many list.csv files for different issues, and save this in folder with different naming.

In our example we save this list.csv file on the Desktop.

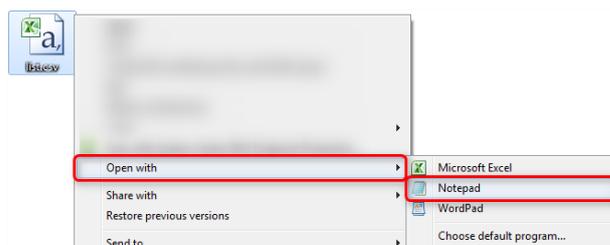
Please don't forget – DPM8000 accept only list.csv file name, any other file name like mylist.csv or privatelist.csv will be not recognized and imported in to the device.

Click on Save as type, and select the file type CSV (MS-DOS). With this File format the Digital Pocket Memo can recognize special country characters or letters like german öäüß or è à.

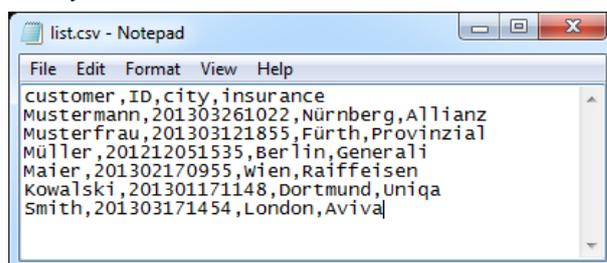


And finally we have list.csv file on the Desktop and we can transfer this in to Digital Pocket Memo 8000-series.

Also, you can check this file with Notepad, click on the list.csv file with right mouse button, and select Open with – Notepad.



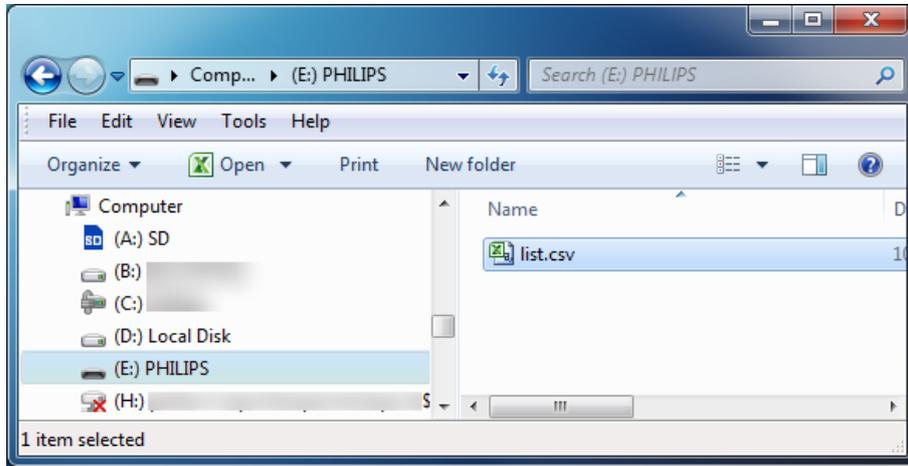
Now, you see the list.csv in the “raw” view.



### 5.3.3. Transfer to DPM8000 series

Open the Windows Explorer, select the DPM8000 external drive and copy the list.csv in to memory card.

In our example, the DPM8000 is recognize as Drive E:



After you remove the DPM8000 device from the Docking station, the device will recognize the list.csv file, validate this and import to the device.

Your Device is ready to use with the full content of list.csv file. Click on Function Button1 , open the list, select a value and record your message.



## 5.4. Sort column of the csv-data list

With the first firmware versions, sorting of the list was only possible with the 1<sup>st</sup> column of the list as sort key. From version 1.59 onwards, it is possible to select which list-column should be the sort key.



Cursor in list-overview

After pressing the SMART3-button “Sort A-Z” for  $\geq 2$ s, the cursor will jump from the upper list-overview to the bottom list-detail-view and the SMART3-button is disabled:



Cursor in list-detail-view

The cursor can be moved up/down with the PLUS/MINUS buttons. There is no wrap-around of the cursor if the cursor reaches the top-most or bottom-most position.

By pressing SMART1-button “Back” the cursor jumps back to the list-overview and the sort key is not changed. (SMART3-button is enabled again with the toggle-function “Sort A-Z” / “Sort Z-A” / “List”)

By pressing SMART2-button “OK” the cursor jumps back to the list-overview AND the sort key is active on the selected list column.

ie: if the cursor would highlight “328426” in the above screenshot, the sort-key would be column 3 of the data list.

## 5.5. Create Author/PIN list

A keyword1 PIN-list can be transferred to the DPM4 by storing an authorPIN.csv file on the Memory card of the DPM4. DPM4 will validate the authorPIN.csv file and delete it from Memory Card if it is valid.

### 5.5.1. Example of content authorPIN.csv

The name of the file needs to be ‘authorPIN.csv’

Limited up to 40 rows with 2 columns each

Every keyword string can have up to 30 characters

Every PIN must be a 4-digit number

A PIN must not be defined twice

As an example for the authorPIN.csv file:

John,1010

Morris,0202

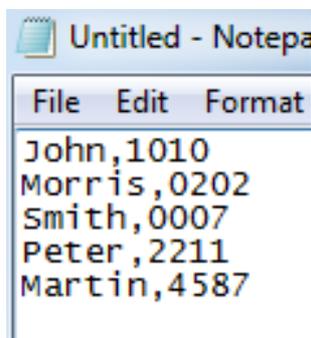
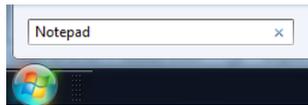
Smith,0007

Peter,2211  
Martin,4587

SpeechExec will grey out the keyword1 contents in the User Interface if the keyword1PIN-flag is set (the "TRANSFER" button will only transfer keyword2-4 in this case).

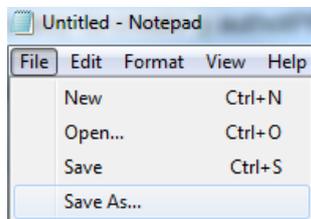
AuthorPin.csv can be created with Microsoft Excel or any other Editor, like a Notepad.  
We describe a simply way to create a authotPIN.csv with Microsoft Notepad.

Click on Windows Start Button, type Notepad in to - Search programs and files - field and confirm with ENTER



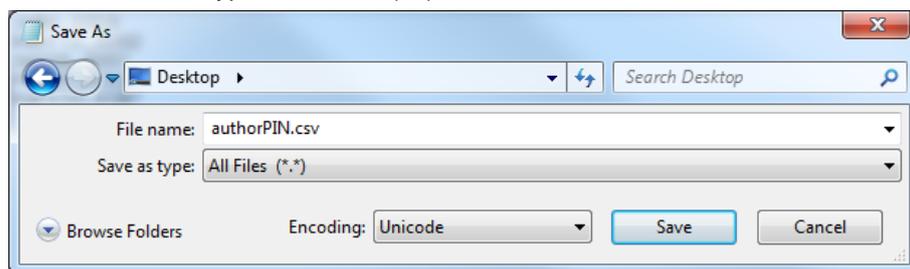
Crate a list with Name and PIN, delimited with , (comma).

Save the file on your Desktop as authorPIN.csv



Select Save as

Click on Save as type – All Files (\*.\*) and save the created File with File name authorPIN.csv



Transfer the file in to Memory card and remove the device from the Docking station.

Digital Pocket Memo recognizes the authorPIN.csv file and asks for PIN

PIN Code: 1010      Author: John      Pin Code: 4587      Author: Martin



**Note:**

Please make a local copy of the authorPIN.csv file. Digital Pocket Memo will be deleting this after import to internal memory and you can not recovery this file.

If the keyword1PIN-flag has been set (because a valid authorPIN.csv was found on the SD Memory Card), the only way to reset this flag again is to revert to factory default settings via DPM4-menu.

If a line in the authorPIN.csv file has a PIN but no author, or vice versa, the line is ignored.

The device will not accept an authorPIN.csv file if a PUK is configured for this device. The PUK must be reset via DPM4 menu with the factory default function in order to accept the authorPIN.csv file again.

## 6. Customize the start screen logo

You can create a custom start screen with Logo or other graphic elements.

Create a 200pixel x 50pixel 24-bit Bitmap file and save this as welcome.bmp in to root folder on the Memory Card.

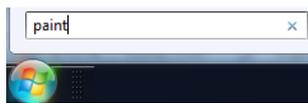
Example :



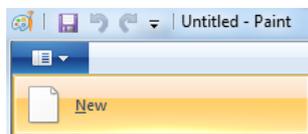
Whenever the Digital Pocket Memo is now switched on this welcome screen will be presented during startup time - that is roughly 3 seconds. We recommend using black background color as the surrounding display area on the Digital Pocket Memo.

### 6.1. Create Start screen picture with Microsoft Paint

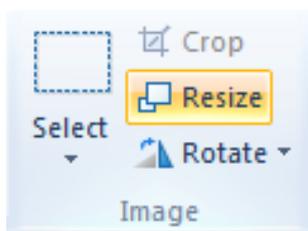
Click on Windows Start Button, type paint in to - Search programs and files - field and confirm with ENTER



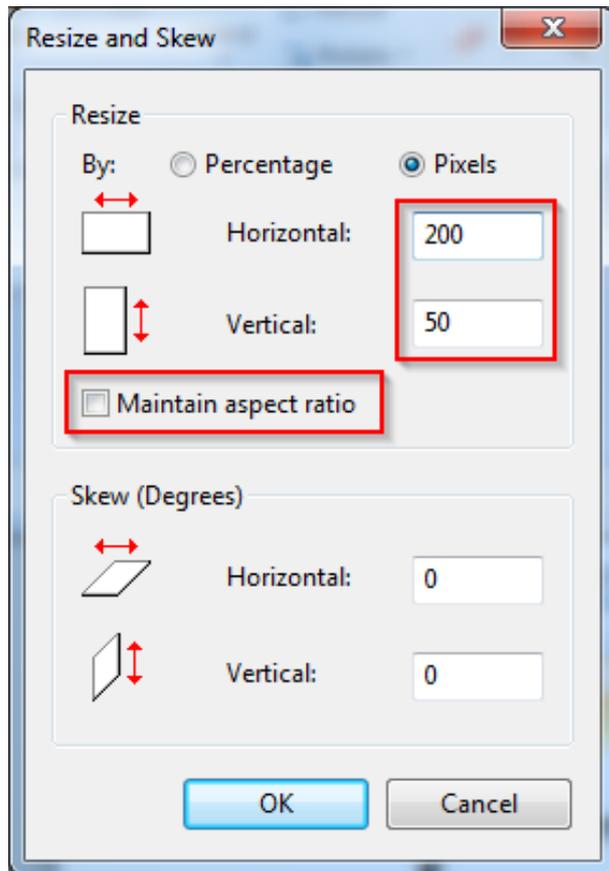
Create new file



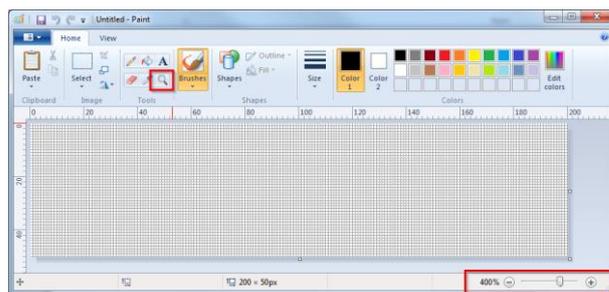
On Ribbon Image click on Resize



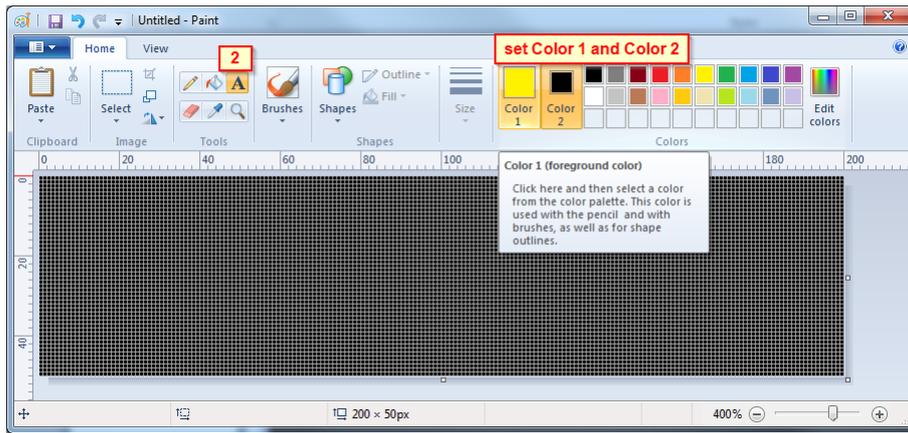
Select Pixel, deactivate the Maintain aspect ratio option and set the horizontal and vertical pixel size: Horizontal: 200, Vertical: 50. Click on OK and close the Resize and skew window.



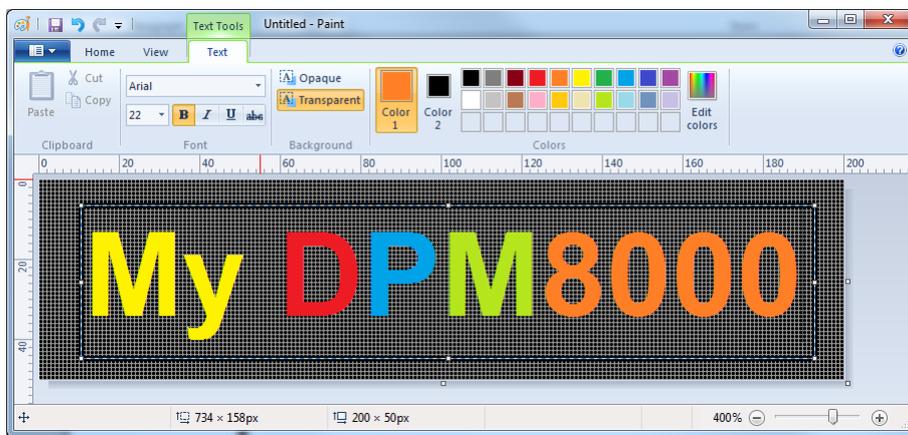
Click on the magnifier symbol or use the Zoom-Slider and make the picture bigger.



1. Set the Color1 for foreground and Color2 for background
2. Click on Text [2]



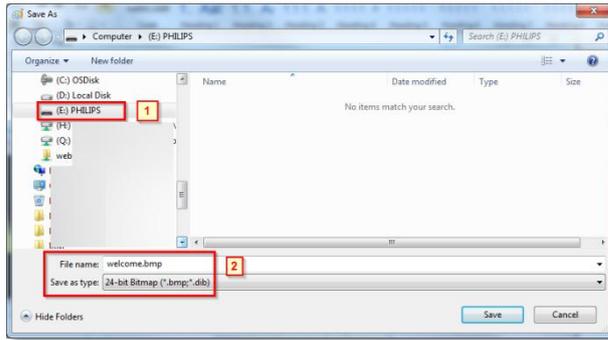
Create a text or paste a picture from clipboard, in our example we create a text.



If you have created the picture, then save this to your local folder (Desktop) and copy in the root folder of the Digital Pocket Memo. By way of example we save this file directly to the DPM.

Click on Paint [1] select Save as [2] and click on Other formats [3]





Select the Philips Drive, type on File name: welcome and select Save as type: 24-bit Bitmap. Click on Save and the picture is save on the DPM.

And finally, after restart the device we see our new logo as boot screen.



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February 2014

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