

User Guide

PUMA 3 Digital Recorders



Versatile Information Products, Inc.

8/19/2010

Power supply

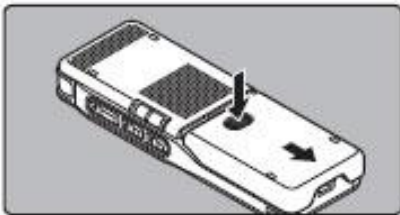
Inserting batteries

This recorder can be used with either Ni-MH Rechargeable Batteries or AAA Alkaline Batteries.

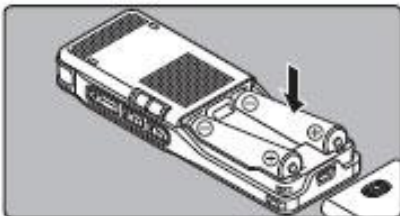
1

Power supply

- Slide the battery cover open while lightly pressing the battery cover release button.



- Insert battery, observing the correct + and - polarities.

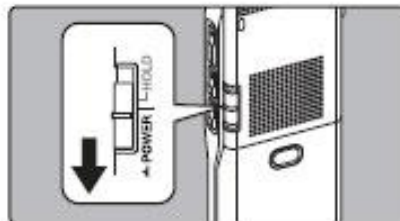


- When charging the recorder, be sure to use the supplied specified Ni-MH rechargeable (BR401) batteries.
- The supplied rechargeable batteries are not fully charged. Before using the unit the first time or after long periods of disuse, it is recommended that you charge them until full

- Close the battery cover completely by pressing to the direction (A), then sliding to the direction (B).



- Slide the POWER/HOLD switch in the direction indicated by the arrow, and turn the power on.



- If the "hour" indicator flashes in the display, see "Setting time and date [Time & Date]"

Battery indicator

The battery indicator on the display changes as the batteries lose power.



- When [] appears on the display, replace the batteries as soon as possible. When the batteries are too weak, [] and [Battery Low] appears on the c recorder shuts down.

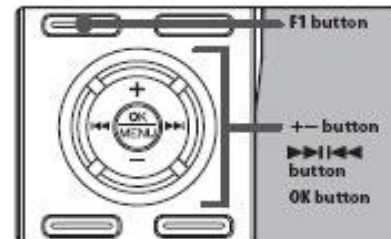
Setting time and date [Time & Date]

If you set the time and date beforehand, the information when the file is recorded is automatically stored for each file. Setting the time and date beforehand enables easier file management.

1

Setting time and date

When you use this recorder for the first time after purchasing, or when you switch it on after removing the batteries for more than 15 minutes when exchanging batteries, etc, the [Set Time & Date] will appear. When the "hour" is flashing, conduct the setup from Step 1.



- Press the >>> or <<< button to select the item to set.

- Select the item from the "hour", "minute", "year", "month" and "day" with a flashing point.



- Press the + or - button to set.

- Follow the same steps by pressing the >>> or <<< button to select the next item, and press the + or - button to set.
- You can select between 12 and 24 hour display by pressing the F1 button while setting the hour and minute. Example: 10:20 P.M

10:20 PM (Initial setting) ←→ 22:20

- You can select the order of the "month", "day" and "year" by pressing the F1 button while setting them. Example: April 15, 2009

4m 15d 2009y (Initial setting) ←

15d 4m 2009y

2009y 4m 15d

- Press the OK button to complete the setting.

- The clock will start from the set date and time. Press the OK button according to the time signal.



Setting time and date [Time & Date]

Notes

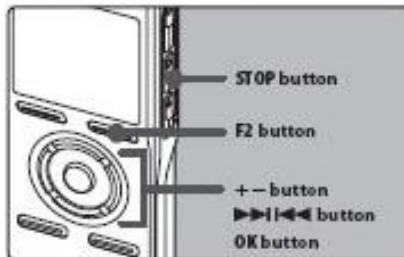
- If you press the OK button during the setup operation, the recorder will save the items that were set to that point.
- After setup, a message will sound saying that if the guidance is not required, select [Off], and the screen goes into [Voice Guide]. If you don't want the guidance feature, select [Off].



- 2** Press the F2 or STOP button to close the menu screen.

Changing the time and date

While the recorder is during stop mode, press and hold the STOP button to display the [Time & Date], and [Remain]. If the current time and date is not correct, set it using the procedure below.



- 1** Select [Time & Date] from the menu in [Device Menu].

- [Time & Date] will appear on the display.
- The "hour" will flash on the display, indicating the start of the Time and Date setup process.

The following steps are the same as Step 1 through Step 3 of "Setting time and date [Time & Date]"

1

Setting time and date

1

Notes on the folders

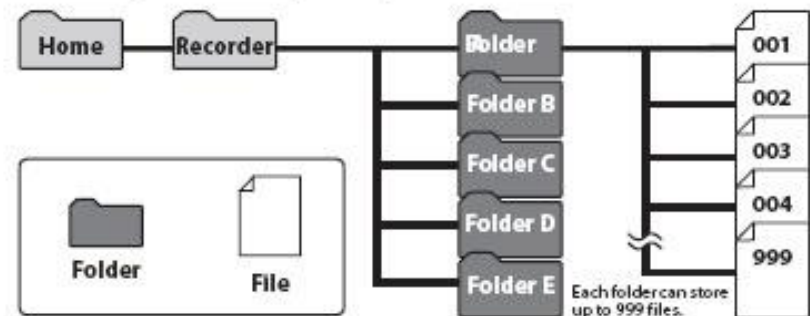
Notes on the folders

Note

- Files or folders located under the folder [Home] or [Recorder] will not be indicated on the recorder.

About the folders for voice recordings

[Folder A] - [Folder E] within the [Recorder] folder are the folders for voice recordings. When recording with this recorder, select any one of the five folders and then record.



File names will be automatically created for files recorded by this recorder.

DM52 0001 .WMA

① ② ③

① User ID:

The user ID name that has been set on the Digital Voice Recorder. The user ID can be changed in the Olympus Sonority.

② File number:

A serial number automatically assigned by a Digital Voice Recorder.

③ Extension:

These are the file name extensions for the recording format when recording with this device.

- Linear PCM format .WAV
- MP3 format .MP3
- WMA format .WMA

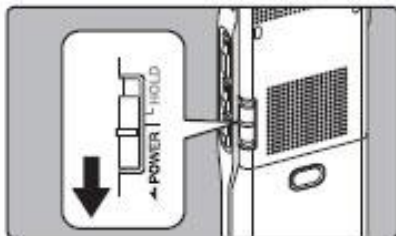
Power supply

Turning on/off the power

When the recorder is not being used, turn the power off to reduce battery consumption to a minimum. Even if the power is turned off, existing data, mode settings, and clock settings will be maintained.

Turning on the power

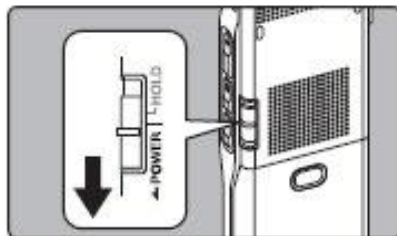
While the recorder's power is off, slide the POWER/HOLD switch in the direction indicated by the arrow.



- The display will turn on, and the power will be turned on.

Turning off the power

Slide the POWER/HOLD switch in the direction indicated by the arrow for 0.5 seconds or longer.



- The display shuts off, and the power will be turned off.
- The resume function remembers the stop position before the power is turned off.

Power save mode

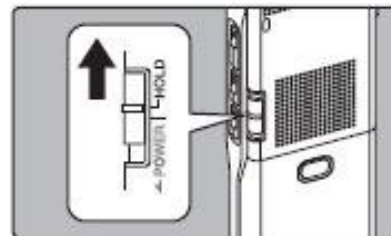
If the recorder is on and stops for 10 minutes or longer (default), the display shuts off and it goes into power save mode. You can set the time to enter power save mode from among [5minutes], [10minutes], [30minutes], [1hour] and [Off]. To exit power save, press any button.

HOLD

If you bring the POWER/HOLD switch to the HOLD position, the current conditions will be preserved, and all buttons and switches will be disabled. This feature is useful when the recorder has to be carried in a bag or pocket. Also, you can stop to prevent accident during recording.

Set the recorder to HOLD mode

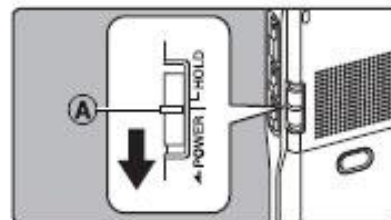
Slide the POWER/HOLD switch to the HOLD position.



- After [Hold] appears on the display, the recorder is set to HOLD mode.

Exit HOLD mode

Slide the POWER/HOLD switch to the **A** position.



Notes

- If you press any button in HOLD mode, the clock display flashes for 2 seconds, but it will not operate the recorder.
- If HOLD is applied during playback (recording), operation is disabled with the playback (recording) state unchanged (When playback has ended and the recording has ended due to the remaining memory being used up, it will stop).
- This recorder can be effectively operated via the connected exclusive remote control set RS30W (optional), even when it is in HOLD mode.

1

Power supply

1

HOLD

Inserting and Ejecting a microSD card

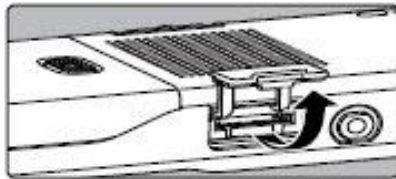
The "microSD" indicated in the instruction manual refers to both microSD and microSDHC. This recorder can be used with commercially available microSD cards as well as the built-in memory.

Inserting a microSD card

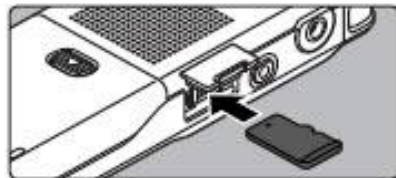
1

Inserting and Ejecting a microSD card

- 1 While the recorder is during stop mode, open the card cover.

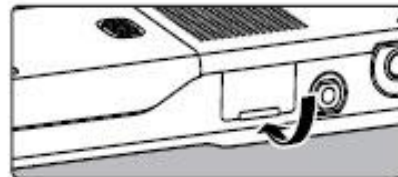


- 2 Face the microSD card the correct way and insert it into the card slot as shown in the diagram.



- Insert the microSD card keeping it straight.
- The microSD card stops with a click when it is inserted all the way.
- Inserting the microSD card the wrong way or at an angle could damage the contact area or cause the microSD card to jam.
- If the microSD card is not inserted all the way, data may not be written to the microSD card.

- 3 Close the card cover securely.



- When you insert the microSD card, the recording media changeover display will appear.

- 4 When you are recording to a microSD card, press the + or - button and select [Yes].



- 5 Press the OK button to complete the setting.



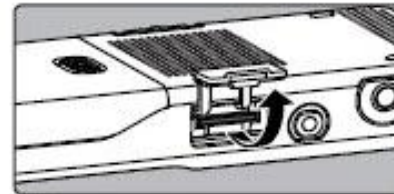
Notes

- It is possible to switch the recording media over to the built-in memory
- In some cases microSD card which have been formatted (initialized) by another device, such as a computer, cannot be recognized. Be sure to format them with this recorder before using

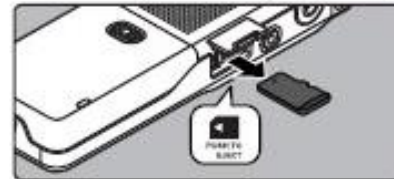
Inserting and Ejecting a microSD card

Ejecting a microSD card

- 1 While the recorder is during stop mode, open the card cover.



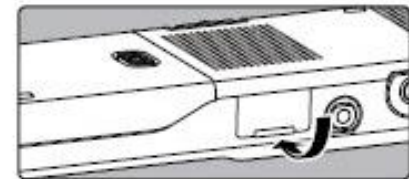
- 2 Push the microSD card inward to unlock it, and let it eject partially.



- The microSD card is visibly out of the slot and can be removed safely.
- When [Memory Select] is set to [microSD Card], [Built-In Memory Selected] will appear.



- 3 Close the card cover securely.



Notes

- Releasing your finger quickly after pushing the microSD card inward may cause it to eject forcefully out of the slot.
- Before inserting the microSD card, turn off the write protection function. Check the Olympus website regarding microSD cards which are confirmed operation with this recorder.
- This recorder may not recognize correctly on some microSD cards which are not compatible with this recorder.
- In the case when the microSD card cannot be recognized, remove the microSD card then put it in again to see if this recorder recognizes the microSD card.
- The processing performance reduces in a microSD card when you repeat writing and delete. In this case, format the microSD card

1

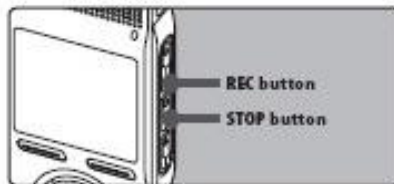
Inserting and Ejecting a microSD card

Recording

Before starting recording, select a voice recording folder between [A] to [E] in the [Recorder] folder. These five folders can be selectively used to distinguish the kind of recording; for example, Folder [A] might be used to store private information, while Folder [B] might be dedicated to holding business information.

2

Recording



1 Select the recording folder

How to change folders:

- Pressing the LIST button at the file display while stopped will return you to the next higher level. Pressing the LIST button repeatedly will bring you to the folder list display.
- Pressing the + or - button at the folder list display will select the folders for voice recordings. Newly recorded audio will be saved as the last file in the selected folder.

2 Press the REC button to start recording.

- The recording indicator light glows and [●] will appear on the display.
 - Turn the microphone in the direction of the source to be recorded.
- (A) Recording mode
 (B) Remaining memory bar indicator
 (C) Elapsed recording time
 (D) Remaining recording time
 (E) Level meter (change according to the recording level and recording function settings)



- [Rec Mode] cannot be changed in the recording standby mode or while recording. Configure this while the recorder is stopped

3 Press the STOP button to stop recording.

- [■] will appear on the display.
- (1) File length



Notes

- When a microSD card is inserted in the recorder, be sure to confirm the recording media as either [Built-In Memory] or [microSD Card] so that there is no mistake
- If you select a folder other than [A] through [E] and press the REC button, a [Cannot record in this folder] message will flash. Select a folder from [A] through [E] and start recording again.
- To ensure recording from the beginning, start speaking after you see the recording indicator light on.
- When remaining recording time is less than 60 seconds, the recording indicator light starts flashing. When the recording time is decreasing to 30 or 10 seconds, the light flashes faster.

- When [Folder Full] appears, the recorder will not be able to record anymore. Delete any unnecessary files before recording any further
- Recorder will not be able to record anymore when [Memory Full] appears. Delete any unnecessary files before recording any further
- We recommend formatting the record media in the recorder before recording

To quickly check on the recorded contents

While the recorder is during recording mode, press the PLAY button.



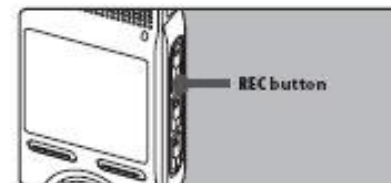
- [▶] will appear on the display.
- Stop recording and the file that was just recorded will be played back.

2

Recording

Pause

While the recorder is during recording mode, press the REC button.



- [||] will appear on the display.
- The recorder will time out after 120 minutes when left in "Rec Pause".

Resume Recording:

Press the REC button again.

- Recording will resume at the point of interruption.

Listening while audio is recorded

If you start recording after inserting the earphone into the EAR jack on the recorder, you can hear the sound being recorded. The recording monitor volume can be adjusted by pressing the + or - button.

Connect the earphone to the EAR jack on the recorder.



- After recording has started, you can hear the sound being recorded through the earphone.

Notes

- Recording level cannot be controlled using the volume button.
- When using the earphones, do not set the volume too high. Listening at very high volume may lead to hearing loss.
- Do not place earphones near a microphone as this may cause feedback.
- When the external speaker is connected while recording, there is a risk that audio feedback will occur.

2

Recording

Recommended settings by recording condition

The recorder is initially set to the [ST XQ] mode so that you can make high quality stereo recordings immediately after purchasing it. The various functions relating to recording can be configured in detail to suit the recording conditions. The following table shows the standard recording settings with the recording environment as an example.

Recording condition	Recommended Settings			
	[Rec Mode] (see P.47)	[Mic Sense] (see P.47)	[Low Cut Filter] (see P.48)	[Zoom Mic] (see P.48)
Recording for conferences and other large groups.	[PCM]: [44.1kHz] [ST XQ] [MP3]: [320kbps]	[High]		[Wide]
Meetings and business negotiations with a small number of people.	[ST XQ] [ST HQ] [MP3]: [256kbps] [MP3]: [192kbps]	[Middle]	[On]	[Wide]
Dictation with a lot of background noise.	[HQ]	[Low]		[Off]
Music playing, wild birds singing, and railway sounds.	[PCM]: [48kHz] [PCM]: [44.1kHz]	Set the microphone sensitivity according to the volume being recorded.	[Off]	[Off]
Dictation in a quiet environment	It can be used in any type of setting. Select a setting for recording.			

Recording from external microphone or other devices

The external microphone and other devices can be connected and the sound can be recorded. Connect as follows by the device to be used.

- Do not plug and unplug devices into the recorder's jack while it is recording.

Recording with external microphone:

Connect an external microphone to the MIC jack of the recorder.



Applicable external microphones

2 channel microphone (omni-directional): ME30W

These are highly sensitive omni-directional microphones supported by plug-in power which are well-suited to recording musical performances.

Highly sensitive noise-cancellation monaural microphone (unidirectional): ME52W

This microphone is used to record sound at a distance while minimizing surrounding noise.

Compact Gun Microphone (unidirectional): ME31

The directional microphones are useful for recordings such as outdoor recording of wild birds singing. The metal-cut body provides a sturdiness to the high rigidity.

Tie clip microphone (omni-directional): ME15

Small concealing microphone with a tie-clip.

Telephone pickup: TP7

Earphone type microphone can be plugged into your ear while phoning. The voice or conversation over the phone can be clearly recorded.

Notes

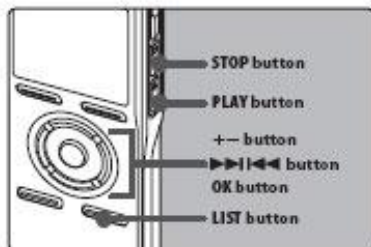
- Use the connecting cord sold separately for dubbing (KA333) to connect the recorder with other devices.
- The detailed input levels cannot be adjusted with this recorder. When you connect the recorder to an external device, execute a test recording and adjust the output level of the external device.
- The built-in microphone will become inoperable when an external microphone is plugged into the recorder's MIC jack.
- Microphones supported by plug-in power can also be used.
- When an external monaural microphone is used while [Rec Mode] is set to a stereo recording mode, it enables recording only with the L channel microphone

2

Recording

Playback

The recorder can playback WAV, MP3 and WMA format files. To playback a file recorded with other machines, you need to transfer (copy) it from a computer.



1 Select the folder which contains the files to be played back

How to change folders:

- ① Pressing the LIST button at the file display during playback or while stopped will return you to the next higher level. Pressing the LIST button repeatedly will bring you to the folder list display.
- ② Press the + or – button at the folder list display to select folder, and then press OK or <=> button.

2 In the File list display, press the + or – button to select the file that you want to playback.

- In the File display, press the <=> or <=> button to select a file.

3 Press the PLAY > or OK button to start playback.

- [▶] will appear on the display.



- ⓐ File name
- ⓑ Folder indicator
- ⓒ Playback position bar indicator
- ⓓ Elapsed playback time
- ⓔ File length

4 Press the + or – button to adjust to a comfortable listening volume.

- The volume can be adjusted within a range from [00] to [30].

5 Press the STOP ■ button at any point you want to stop the playback.

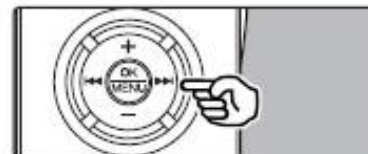
- [■] will appear on the display.
- This will stop the file being played back midway. When the resume function is activated the stopped location will be registered, even if the power is turned off. The next time the power is turned on, playback may be resumed from the registered stopped location.

3 Playback

3 Playback

Forwarding

While the recorder is during stop mode in the file display, press and hold the <=> button.



- [▶▶] will appear on the display.
- If you release the <=> button, it will stop. Press the PLAY > or OK button to start playback from where it was stopped.

While the recorder is during playback mode, press and hold the <=> button.

- When you release the <=> button the recorder will resume normal playback.
- If there is an index mark or temp mark in the middle of the file, the recorder will stop at that location
- The recorder stops when it reaches the end of the file. Continue pressing the <=> button to proceed with the cue from the beginning of the next file.

Dewinding

While the recorder is during stop mode in the file display, press and hold the <=> button.



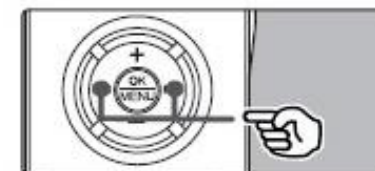
- [◀◀] will appear on the display.
- If you release the <=> button, it will stop. Press the PLAY > or OK button to start playback from where it was stopped.

While the recorder is during playback mode, press and hold the <=> button.

- When you release the <=> button the recorder will resume normal playback
- If there is an index mark or temp mark in the middle of the file, the recorder will stop at that location
- The recorder stops when it reaches the beginning of the file. Continue pressing the <=> button to proceed with the review from the end of the previous file.

Locating the beginning of the file

While the recorder is during stop mode or playback mode, press the <=> button.



- The recorder skips to the beginning of the next file.

While the recorder is during playback mode, press the <=> button.

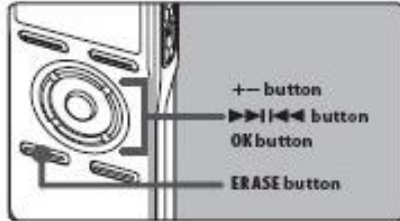
- The recorder skips to the beginning of the current file.

While the recorder is during stop mode, press the <=> button.

- The recorder skips to the beginning of the previous file. If the recorder stop the midway of the file, return to the beginning of the file.

Erasing

A selected file can be erased from a folder. Also, all files in a folder can be erased simultaneously.



3

Erasing

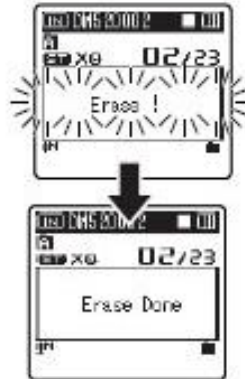
- 1 Select the folder or file you want to erase
- 2 In the File list display, press the + or – button to select the file you want to erase.
 - In the File display, press the ►|◄ or ◀◀ button to select a file.
- 3 While the recorder is during stop mode, press the ERASE button.
- 4 Press the + or – button to select [Erase In Folder] or [File Erase].



- 5 Press the OK button.
- 6 Press the + button to select [Start].



- 7 Press the OK button.
 - The display changes to [Erase!] and erasing will start. [Erase Done] is displayed when the file is erased.

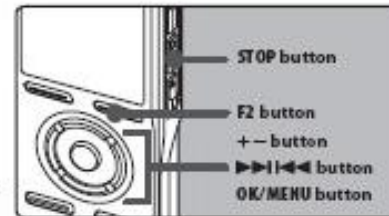


Notes

- The locked files and files set as read-only cannot be erased
- If an action is not selected within 8 seconds, the recorder will return to stop status.
- It may take over 10 seconds to complete processing. Never remove batteries during this time because data may be corrupted. In addition, replace the batteries with new ones in order to ensure that the batteries will not run out while processing.

Menu setting method

Items in menus are categorized by tabs, so select a tab first and move to a desired item to quickly set it. You can set each menu item as follows.



4

Menu setting method

- 1 While the recorder is recording, playing or stopped, press the MENU button for 1 second or longer.



- The menu will appear on the display.
 - Menu items can be set during a recording or playback
- 2 Press the + or – button to move to the tab that contains the item you want to set.
 - You can change the menu display by moving the settings tab cursor.



- 3 Press the OK or ►|◄ button to move the cursor to the item to set.



- 4 Press the + or – button to move to the item you want to set.



- 5 Press the OK or ►|◄ button.
 - Moves to the setting of the selected item.
- 6 Press the + or – button to change the setting.



7 Press the OK button to complete the setting.



- You will be informed that the settings have been established via the screen.
- Pressing the F1 or F2 button without pressing the OK button will cancel the settings and return you to the previous screen.

8 Press the F2 or STOP button to close the menu screen.

- When in the menu screen during recording or playback, pressing the F2 button will allow you to return to the playback screen without interrupting recording or playback.

Notes

- The recorder will stop if you leave it idle for 3 minutes during a menu setup operation, when a selected item is not applied.
- When entering menu settings during recording or playback, the menu settings will be cancelled if 8 seconds elapse with no buttons being pressed.

Setting menu during recording:

Function	Setting
Mic Sense	
Rec Level	
Zoom Mic	
Low Cut Filter	To menu item options
VCVA	
Backlight	
LED	

Setting menu during playback:

Function	Setting
Property	
Noise Cancel	
EUPHONY	
Voice Filter	
Play Mode	To menu item options
Play Speed	
Skip Space	
Backlight	
LED	

4

Menu setting method

4

Menu setting method

File Menu

Erase Lock

Locking a file keeps important data from being accidentally erased. Locked files are not erased when you select to erase all files from a folder

- [On]: Locks the file and prevents it from being erased.
- [Off]: Unlocks the file and allows it to be erased.

Rec Menu

MicSense

Microphone sensitivity is adjustable to meet recording needs.

- [High]: Highest recording sensitivity suitable for conferences with large crowds and recording audio at a distance or low volume.
- [Middle]: Suitable for recording meetings and seminars with a small number of people.
- [Low]: Lowest recording sensitivity suitable for dictation.
- When you would like to clearly record a speaker's voice, set [Mic Sense] to [Low] and hold recorder's built-in stereo microphone close to the speaker's mouth (5-10 cm) before recording.

Rec Mode

The recorder can record in the linear PCM format (For DM-520). High resolution recording at a high sampling rate and high bit rate equivalent or superior to that of a music CD is possible. Moreover, it also supports the MP3 and WMA formats.

1 Select the recording format.

- [PCM]: This is an uncompressed audio format which is used for music CDs and the like.
- [MP3]: MPEG is the international standard established by a working group of the ISO (International Organization for Standardization).
- [WMA]: This is an audio compression encoding method that was developed by the Microsoft Corporation in the US.

2 Select the recording rate.

- [PCM]: [48kHz/16bit] or [44.1kHz/16bit]
- [MP3]: [320kbps] to [128kbps]
- [WMA]: [ST XQ],[ST HQ],[ST SP], [HQ], [SP], [LP]
- To record a meeting and lecture clearly, set other than [LP] in Rec Rate.
- When the external monaural microphone is used while [Rec Mode] is set to a stereo recording mode, it enables recording only with the L channel microphone.

Set the method for adjusting the recording level [RecLevel]

You can set the device to automatically or manually adjust the recording level.

[Manual]:

Recording is performed by manually adjusting the recording level.

[Auto]:

Recording is performed by automatically adjusting the recording level. This is useful for when you will be recording right away.

Adjust the recording level:

Press the ►► or ◀◀ button while the recorder is recording or paused to adjust the recording level.

- The recording level will be automatically adjusted when the recording level is set to [Auto]. Set the recording level to [Manual] to use the recording level adjustment feature.
- When the unit is set to [Manual], the limiter function will be disabled. Distorted sound will be recorded during [OVER] is displayed. Adjust the recording level so that [OVER] is not displayed.
- [OVER] may be displayed even when the indicator of the recording level meter does not reach or is over to the right. If sound distortions do not disappear even after the recording level has been adjusted, change the setting for microphone sensitivity (P.47) and adjust the recording level again.
- Inputting a very loud sound may produce noise even when the recording level is set to [Auto].
- The level can be adjusted from [01] to [16]. The higher the number, the higher the level and the larger the indicator position on the level meter.

Zoom Mic

The directional microphone function utilizes DiMAGIC's (DiMAGIC Co., Ltd.) DiMAGIC Virtual Microphone (DVM) technology. DVM is an audio pickup system which allows you to record by focusing on sound from any direction. From expansive stereo recording to high directivity recording, DVM represents the latest in directional control methods that allow you to switch to a single exclusive microphone.

[Zoom]:

Recording with monaural, however you can record high directivity sound.

[Narrow]:

Recording by a directivity stereo sound.

[Wide]:

Recording by an expansive stereo sound.

[Off]:

Disables this function.

Low Cut Filter

The recorder has a Low Cut Filter function to minimize low-frequency sounds and record voices more clearly. This function can reduce noise from air conditioners, projectors and other similar noises.

[On]: Enables the Low Cut Filter function.

[Off]: Disables this function.

4

Menu setting method

4

Menu setting method

Play Menu**Noise Cancel**

If recorded audio is difficult to understand because of noisy surroundings, adjust the Noise Cancel setting level.

[High] [Low]:

Enables the Noise Cancel function. Noise will be reduced in the file when it's played back for better sound quality.

[Off]:

Disables this function.

- When [Noise Cancel] is set to [Low] or [High], [Voice Filter] [EUPHONY] and [Play Speed] functions will not function. To use these functions, set [Noise Cancel] to [Off].

Voice Filter

The recorder has a Voice Filter Function to cut low and high frequency tones during normal, fast, or slow playback, and enable clear audio playback.

[On]:

Enables the Voice Filter function.

[Off]:

Disables this function.

- When [Voice Filter] is set to [On], [Noise Cancel] and [EUPHONY] will not function. To use this functions, set [Voice Filter] to [Off].

Play Speed

The playback speed of the file can be changed between [0.5] and [2] times speed. Change the speed according to need such as listening to meeting content at a fast speed or reviewing spots that you couldn't catch in a language lesson at a slow speed. The tone will be automatically adjusted digitally without changing the voice so it sounds natural.

1 Select [Slow Playback] or [Fast Playback].**2 Set the playback speed.**

When [Slow Playback] is selected:
Speed at interval of 0.05 times can be selected between [x0.50] and [x0.95].

When [Fast Playback] is selected:
Speed at interval of 0.05 times can be selected between [x1.05] and [x2.00].

Change Playback Speed:**1 Press the PLAY ► or OK button to start playback.****2 Press the PLAY ► button to switch playback speed.**

- Every time the PLAY ► button is pressed, the playback speed will switch.
- Even if playback is stopped, the changed playback speed will be retained. The next playback will be at that speed.

Normal playback: Playback at normal speed.

Slow playback: Playback speed slows down, and [½] will appear on the display (default at 0.75 times as fast).

Fast playback: Playback speed becomes faster, and [2x] will appear on the display (default at 1.50 times as fast).

LCD/Sound Menu

Backlight

The display will remain lit for about 10 (Initial setting) seconds when a button on the recorder is pressed.

1 Select [Lighting Time] or [Brightness].

2 Set the lighting time.

- [Off]: Disables this function.
- [5seconds] [10seconds] [30seconds] [1minutes]: Enables the Backlight function.

3 Set the brightness.

- [High] [Low]: Sets the brightness of the backlight when lit.

LED

You can set it so the LED indicator light does not turn on.

- [On]: LED light will be set.
- [Off]: Disables this function. LED light will be cancelled.

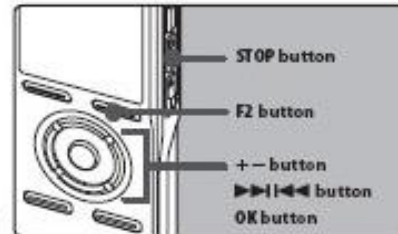
Beep

The recorder beeps to alert you to button operations or warn you of errors. System sounds may be turned off.

- [Volume3]: Increase the volume of beeps.
- [Volume2]: Return the volume of beeps to normal.
- [Volume1]: Decrease the volume of beeps.
- [Off]: Deactivate beeps.

Guidance [Voice Guide]

This feature gives audio announcements of recorder operating conditions. Adjust the speed and the volume of guidance announcements.



1 Select [Voice Guide] from the menu in [LCD/Sound Menu].

- Please refer to P.44, P.45 for details on menu settings.



2 Press the + or - button to select the item to set.

- Select items you want to set from among [On/Off], [Speed] and [Volume].



3 Press the OK or <=> button to move to the respective setting.

4

Menu setting method

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Menu setting method

[On/Off] setting:

- ① Press the + or - button to select between [On] and [Off].
[On]: Guidance will be provided.
[Off]: Guidance will be canceled.
- ② Press the OK button to exit [On/Off] selection.

7 Device Menu

Memory Select

When an microSD card is inserted you can select to record to either the built-in memory or to the microSD card (see P.22).
[Built-In Memory]: Built-in memory.
[microSD Card]: microSD card.

Changing Power Save [Power Save]

Forgetting to turn the power off can be prevented. If the recorder remains in stop mode for over 10 minutes (Initial setting) while the power is turned on, the power will be turned off.

- [5minutes] [10minutes] [30minutes] [1hour]: Set the length of time before the power will be turned off.
- [Off]: Disables this function.
- If any button is pressed, the elapsed time count before the power turns off will start over again.

Changing Folder Names [Folder Name]

You can change the folder names of Folder **A** to Folder **E** for audio recording into names preset in the template. You can also change folder names registered in the template with "Olympus Sonority".
[Settings]: Sets a folder name from the preset template.

Time & Date

Refer to "Setting time and date [Time & Date]"

USB Class [USB Settings]

Refer to "Changing the USB Class [USB Settings]"

Reset Settings

This returns the functions back to their initial settings (factory default).

- [Start]: Returns the settings to their initial values.
- [Cancel]: Takes you back to the [Device Menu].
- After resetting the settings, the time settings and file numbers will be preserved from before the reset and will not return to their initial settings.

Menu settings after setting reset (initial settings):

1 Rec Menu:

[Mic Sense]	[Middle]
[Rec Mode]	
[Recording format]	[WMA]
[Recording rate]	[ST XQ]
[Rec Level]	[Auto]
[Zoom Mic]	[Off]
[Low Cut Filter]	[Off]
[VCVA]	
[On/Off]	[Off]
[Standby]	[Off]

2 Play Menu:

[Noise Cancel]	[Off]
[EUPHONY]	[Off]
[Voice Filter]	[Off]
[Play Mode]	
[Play Area]	[File]
[Repeat]	[Off]
[Random]	[Off]
[Play Speed]	
[Slow Playback]	[x0.75 Play]
[Fast Playback]	[x1.50 Play]
[Skip Space]	[File Skip]

LCD/Sound Menu:

[Backlight]	
[Lighting Time]	[10seconds]
[Brightness]	[Low]
[Contrast]	[Level 06]
[LED]	[On]
[Beep]	[Volume2]
[Language(Lang)]	[English]
[Voice Guide]	
[ON/OFF]	[On]
[Speed]	[Speed3]
[Volume]	[Volume3]
[Intro Play]	[Off]

Device Menu:

[Memory Select]	[Built-in Memory]
[Power Save]	[10minutes]
[Folder Name]	[Initial setting]
[USB Settings]	
[USB Connect]	[PC]
[USB Class]	[Storage Class]

Format

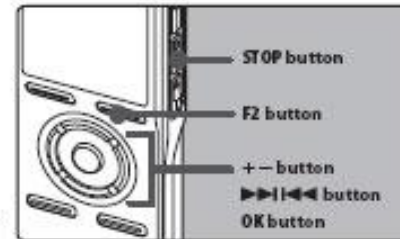
Refer to "Formatting the recorder [Format]"

4 Menu setting method

4 Menu setting method

Guidance [Voice Guide]

This feature gives audio announcements of recorder operating conditions. Adjust the speed and the volume of guidance announcements.



[On/Off] setting:

- ① Press the + or - button to select between [On] and [Off].
[On]: Guidance will be provided.
[Off]: Guidance will be canceled.
- ② Press the OK button to exit [On/Off] selection.

[Speed] setting:

- ① Press the + or - button to select from [Speed5], [Speed4], [Speed3], [Speed2], and [Speed1].
- ② Press the OK button to exit [Speed] selection.

[Volume] setting:

- ① Press the + or - button to select from [Volume5], [Volume4], [Volume3], [Volume2], and [Volume1].
- ② Press the OK button to exit [Volume] selection.

4 Press the F2 or STOP button to complete the setting.

1 Select [Voice Guide] from the menu in [LCD/Sound Menu].

- Please refer to P.44, P.45 for details on menu settings.



2 Press the + or - button to select the item to set.

- Select items you want to set from among [On/Off], [Speed] and [Volume].



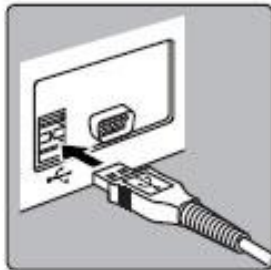
3 Press the OK or >>> button to move to the respective setting.

Connecting to Your PC

Connecting to your PC

Windows **Macintosh**

- 1 Turn the recorder's power ON.
- 2 Connect the USB connection cable to the USB port of the PC.



- [Remote (Storage)] is displayed on recorder if the USB cable is connected.
- When the recorder is using the USB connection setting, it will not be connected to the PC when [AC Adapter] is selected. Select [PC] in the USB connection setting

Windows:

When you connect the recorder to a Windows and open [My Computer], it will be recognized by the drive name of the product name. If a microSD card is inserted, [Removable Disc] will be displayed.

Macintosh:

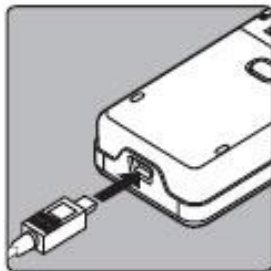
When you connect the recorder to a Mac OS, it will be recognized by the drive name of the product name on the desktop. If a microSD card is inserted, [Untitled] will be displayed.

Notes

- Be sure to use the included dedicated cable for the USB connecting cable. If any other company's cable is used, it will be the cause trouble. Also, please do not connect this dedicated cable to any other company's product.
- When connecting the recorder through an USB hub the operation may become unstable. In such cases, refrain from a USB hub.

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Connecting to Your PC



- 3 Make sure that the recorder is stopped, and then connect the USB cable to the connecting port on the bottom of this recorder.