

DM high series

Olympus' goal was to produce a next-generation digital voice recorder to provide a full range of features to use those sound other than just recording. The new DM high series are equipped for the first time ever with Wi-Fi which enables a totally new recording style. You can link the recorder to a smartphone as a remote control to start recording as well as paste images taken by a smartphone into recorded data. In addition, we also offer models with Daisy playback and text-to-speech function for support of the visually impaired and those with dyslexia.



Remote control by smartphone



At events such as seminars and lectures where you have some distance from the speaker, you can achieve clearer recordings if you set the recorder close to the speaker. At such times, the remote control function by Wi-Fi is very helpful. You can easily start and stop recording by remote control from your smartphone or tablet PC. The dedicated smartphone application is offered free of charge.



Free and easy remote control by smartphone

Use photos taken by smartphone as a visual index



Images taken by your smartphone during recording can be used as a visual index by linking them to the timeline. The visual index makes it easier for you to search or manage your recording than relying simply on audio and text.



You can create a visual index.



The professional that takes advantage of the "sound"

NEW
DM-7



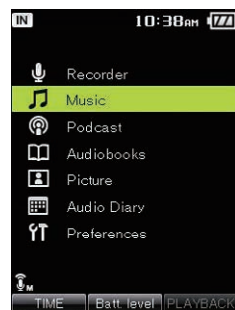
NEW
DM-901



New GUI for the home screen



We have redesigned the GUI from text-based UI to an icon-based UI. Having the scrolling of icons working in the same way as the arrow keys, operations are more intuitive. The color screen offers better visibility for the on-screen information helping users with easier operation.



Previous model



New model

Improved voice recognition and text-to-speech capability



The voice command function for the previous model only worked for a limited number of features such as "recorder" on the home screen, calling up folders, or setting the clock. Now with the new DM-7, you can use the voice command to set the menu (ex. Rec Mode) offering an even better usability than before. In addition, the format for the text-to-speech function had been added supporting not only the txt format but also html, doc, and docx.



DM-7

Combination of high functionality and user-friendliness.

The 2 inch color LCD model can be operated by voice.



White



*1. Requires optional remote control (RS30W).

Accessories

Lithium-ion rechargeable battery (LI-50B)	
AC adaptor (A-514)	
Canal earphones	
USB cable	
USB plug adaptor	
Carrying case	
strap	
CD-ROM	

Specifications

- Built-in Memory 4GB (Max. recording time : approx. 850 hours)
- External memory SD / SDHC / SDXC (up to 64GB)
- Number of folders 5 folders + max. 6,000 music folders
- Max. number of recordings 999 files per folder + 6,000 music
- Recording format Linear PCM / MP3 / WMA
- Highest audio quality mode Linear PCM 48kHz/16bit
- Frequency response ... 40 – 23,000Hz (Mic jack performance)
- LCD size 2 inch (176 x 220 dot)
- Battery life Approx. 29 hours (When recording at PCM 44.1kHz/16bit)
- Speaker Ø20mm (Max. working output : 280mW)
- Dimension 115 x 51 x 17.9mm
- Weight 105g (including batteries)
- Languages EN, CS, DA, DE, ES, FR, IT, NL, PL, RU, SV

Features



SD card slot
Support SD cards up to 64GB

Function buttons
Many functions can be assigned to the 3 buttons, yet easy to use by the display on screen.

Home button
Home button enables you to return to the home screen at once.

High quality microphone unit.
Equipped with a mic unit with outstanding S/N ratio, noise reduction, and sensitivity

Voice button
Can be controlled by voice with the voice recognition function

Volume button
Independent volume button to support frequent use

Recommended uses



DM-901

Model compatible with smartphones
with advanced Wi-Fi capability



Black



*1. Requires optional remote control (RS30W).

Accessories



DM
high
series

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Features



Recommended uses



DM high is Wi-Fi enabled.

The new concept recorder from Olympus for the era of smart devices.



& Smartphones

& Tablet PCs

The DM high models are equipped with Wi-Fi function that can be used in combination with smartphones or tablet PCs which is now commonly used in business scenes.

In order to support the business scenes, nowadays having greater demand for higher speed and quality, we have implemented a function to provide further benefit. Olympus is committed to creating and providing smarter recording solutions.

Smartphone apps are available free of charge.

You can download and use free apps. iOS users can download from the App Store, and Android users can get their downloads from Google Play.



Link to a smartphone to increase the potential of the voice recorder anytime and anywhere.

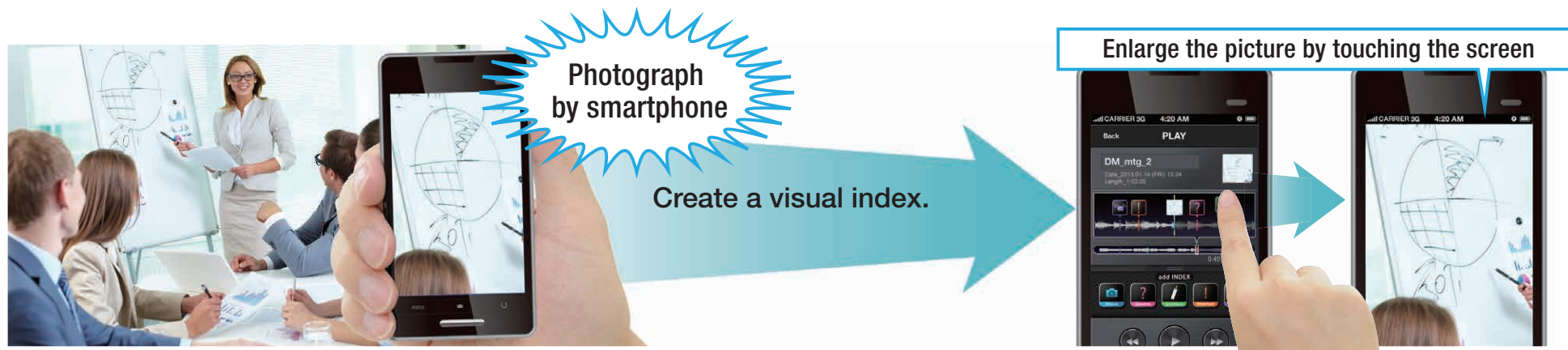
Since it's Wi-Fi enabled, you can control the recorder in a distance by a single touch.

At events such as seminars and lectures where you have some distance from the speaker, you can achieve clearer recordings if you set the recorder close to the speaker. At such times, the remote control function by Wi-Fi is very helpful. You can easily start and stop recording by remote control from your smartphone or tablet PC. The dedicated smartphone application is offered free of charge.



Customize it to feature an original screen made from photos you took.

During recording, Images such as presentation or documents taken by your smartphone camera can be used as a visual index by linking them to the timeline. The visual index makes it easier for you to search or manage your recording than relying simply on audio and text. The images and the recording will be linked sequentially in a timeline, thus making it even more useful for business.



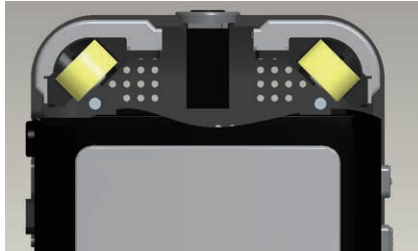


High quality recording

The microphone units delivers stereo recordings with a natural-sounding ambiance supported by high resolution recording format.

The microphone unit enables high quality recording

Thanks to the low noise microphone design, we have achieved vast improvements on signal-to-noise ratio. Meanwhile, the 90° outward orientation of the microphone units delivers stereo recordings with a natural-sounding ambiance. By increasing the size of the openings around the microphones, the phase difference of sound from both the front and rear can now be more efficiently captured for higher quality recordings.



DM-7 DM-901

48kHz/16bit linear PCM recording

Linear PCM
MP3
WMA

Three different types of format can be chosen to record and playback by DM-Hi: The linear PCM format employs a sampling rate of 48 kHz to surpass even CD-quality audio; extreme versatility is guaranteed by MP3; and WMA combines high quality with small file sizes.

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Manual recording level setting

Manual Rec Level

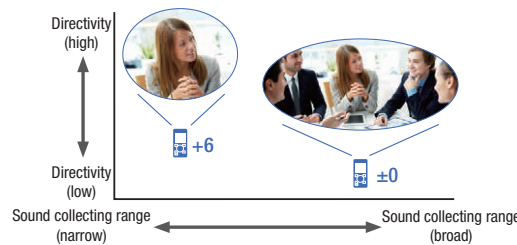
By fine-tuning the recording level to match the volume of the audio source, you are able to achieve high quality recording that makes the most of the dynamic range.

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Zoom microphone mode supports recording from a distance.

Zoom

With the latest directional quality control technologies, switching to directional microphone mode unleashes the power of proximity recording in noisy environments, such as at lectures or when recording from a distant position. You can adjust the directivity by operating with "-" and "+" button. The new zoom microphone mode adjusts the recording level higher according to the zoom.



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A rich array of playback functions

The DM high supports wide range of playback functions such as reading out file names or downloaded text data.

Text-to-speech

Text Speech

The recorder is equipped with a text-to-speech engine which can read out downloaded text data. It also reads the menu settings of the recorder, file name and tag information in the files helping users who are visually impaired with great convenience.



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Daisy playback function

daisy

It also supports Daisy audio book content, which makes it even more versatile. The format it supports is Daisy2.0/2.02.

DM-7 DM-901

Noise cancel

Noise Cancel

Voice Playback

Voice Playback

Voice balancer

Voice Balancer

DM-7 DM-901

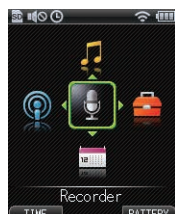
Usability Usability

With user-friendliness in mind, we have renewed the GUI and the LCD for better visibility, making operation to be more intuitive.

2.0-inch large color LCD



As the high definition 2.0-inch color LCD provides greater resolution and a contrast ratio than the average black and white display of conventional voice recorders, the visibility of the screen is much better. Also, the color-coded information has improved the visibility dramatically.



The display of the DM-high series

DM-7 DM-901

Text-to-speech menu items and file information



As these digital voice recorders can read out the names of menu items on the screen, you can operate them with confidence by touch alone, even from inside your pocket. And as file tag information can also be announced, searching becomes a much smoother process.



DM-7 DM-901

Improved buttons

On the previous models the arrow keys were also used as volume buttons, but the volume buttons are now independently located on the device. It is now possible to change the volume even when operating the menu. And there is also a new dedicated home button to return back to the home screen at once.

Dedicated volume buttons



Dedicated home button

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Scene Select for fail-safe recording



By simply selecting from the recording menu, you can set the optimum recording settings according to the scenes. Anyone can easily make fail-proof high-quality recordings, even in a situation requiring quick response. The DM-901 also has a dedicated button making it even easier.

Recording scene button (DM-901 only)

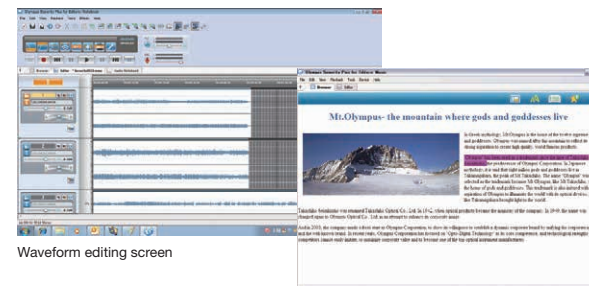


DM-7 DM-901

Olympus Sonority Powerful tools for further processing your recordings.



Olympus Sonority is a file editing and management application that manages files and enables anybody to simply enjoy sound creation. This encompasses everything from simple waveform editing at a glance to 6-channel multi-track editing and seven kinds of one-touch sound effects. It can also be used for archive management and playback control for DAISY.



Waveform editing screen

Daisy use screen

DM-7 DM-901

Operate menu and schedule by voice recognition



The voice recognition function makes it possible to control the recorder simply by speaking to it. Since items in the menu can be operated directly, you can speedily control the device with fewer button touches.



Control menu by voice command

DM-7 DM-901