

Inspire your mind.

Digital Audio Recording



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OLYMPUS

Your Vision, Our Future

OLYMPUS EUROPA HOLDING GMBH
www.olympus-europa.com

OLYMPUS

Your Vision, Our Future

Relive
the moment.

Life is full of special moments, valuable thoughts and great ideas. Sometimes it is hard to keep all the good things in mind.

Olympus Digital Recorders help you to capture, save and share with others what really matters. Think about any important information, professional dictations, meetings or even lectures – Olympus Digital Voice Recorders are the perfect companion in modern lifestyle.

Moreover with Olympus latest audio technology you can settle back and listen to your favourite music, podcast or audiobook, anywhere and anytime.



Digital Notetaking, Audio Entertainment Dictation & Transcription.

*Smart pieces of leading
audio technology
you won't want to miss.*



DIGITAL NOTETAKER
VN-5500 / VN-6500

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DIGITAL NOTETAKER WITH CONNECTION TO PC
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Never forget!

Thoughts constantly come and go wherever you are. The Olympus pocket-sized VN-5500 and VN-6500 help you hold on to them.

Collect and preserve your thoughts, impressions and ideas – they might just be a flash of genius.

VN-5500 / VN-6500

The VN-Series is stylish and compact. You can rely on it for anything you want or need to remember. It is the ideal tool for a quick note-to-self, keeping to-do lists or recording valuable ideas. With its many flexible features, the VN-Recorders make sure you never forget a thing.

VN-5500 / VN-6500

Unbeatable ease
of use.



VN-5500

VN-6500

Introducing two ideal companions for everyday notetaking and message recording: the VN-5500 and VN-6500. Their one large, centrally-located button provides quick access to the most frequently used functions, and their clear LCD displays all important file information.

The VN-5500 and VN-6500 combine high recording and playback quality with easy operation at exceptional value. Other features include:

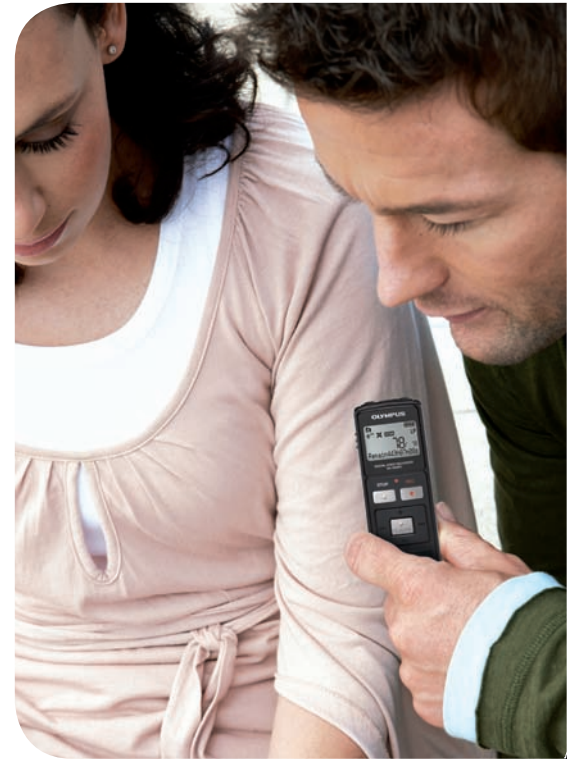
- Up to 600 hours recording in LP mode (VN-6500)
- Easy to use: large LCD, operation by one large central button
- Three different recording qualities (HQ/SP/LP)
- Integrated loudspeaker
- Long battery life: 39 h with included alkaline batteries (SP Rec. Mode)

Digital Notetaker

Specifications

	VN-5500	VN-6500
Storage Media	512 MB internal memory	1 GB internal memory
Display	24.8 x 24 mm / 1.36" Segment Display	
Playback formats	Sub Band Codec CELP	
Recording format	HQ+SP: Sub Band Codec LP: CELP	
Recording modes & times	HQ: 20 h SP: 53 h LP: 300 h	HQ: 40 h SP: 107 h LP: 604 h
Sampling frequency	HQ: 17.6 kHz / 55 kbps SP: 10.6 kHz / 21 kbps LP: 6.6 kHz / 3.7 kbps	
Frequency response	HQ: 200 – 7,900 Hz SP: 300 – 4,700 Hz LP: 300 – 2,900 Hz	
Data organisation	4 folder voice 100 files per folder Erase: single / all files	
Record function	VCVA recording	
Index function	Up to 10 per file	
Playback functions	Speed Control (slow / normal / fast), Forward / Reverse Skip, Fast forward and rewind, Alarm Playback	
Input / Microphones	Built-in mono Microphone jack 3.5 Ø mm impedance 2 kΩ or more	
Menu languages	English	
Power Supply	2x AAA batteries Alkaline battery life 39 h (recording SP) 15 h (playback)	
Dimensions	102 x 36 x 20.5 mm (W x H x D without protrusions) weight 63 g (incl. batteries)	

For box contents information and accessories please check page 26.



Connected at once.

Wherever you meet, your data is with you – and with your associates: The Olympus VN-Series easily connects to your PC for quick and flexible voice data transfer. Simply record, listen to and email your information to anyone you want to share with – all 100% hassle-free.

VN-5500PC
VN-5500PC DNS
VN-6800PC
VN-7800PC

VN-Notetakers are not only perfectly easy to use, they also provide you with the advantages of PC connectivity: Transfer files to your computer effortlessly, capture, save and share your best thoughts, lectures and once-in-a-lifetime moments – in only one instant. That way you never lose a single moment.

VN-5500PC / VN-5500PC DNS / VN-6800PC / VN-7800PC

The „ultimateasy“ in digital notetaking.



The Olympus VN series is all about ease of use. PC connectivity allows you to download digital voice data onto your computer for filing, archiving or sharing your files via email. In addition to its sturdy design and high-quality recording and playback, the VN range also offers the following features:

- Hi-Speed USB connection (Mass Storage Device)
- Long battery life: 39 h with included alkaline batteries (LP Rec. Mode)
- High sound quality in popular: WMA file format
- VCVA: Record activation by sound
- 5 folders, 200 messages per folder
- VN-5500 PC DNS Version includes speech recognition software
- Only VN-7800PC: Voice Filter, Low Cut Filter and Segment Repeat Playback function.

*External microphone and earphone included.

Digital Notetaker with connection to PC

Specifications

	VN-5500PC	VN-6800PC VN-7800PC
Storage Media	512 MB internal memory	1 GB internal memory
USB functionality	2.0 High Speed USB Storage Class	
Display	19 x 28 mm / 1.33" Segment & Dot Matrix Display	
Playback format	WMA	
Recording format	WMA	
Recording modes & times	HQ: 35 h SP: 69 h LP: 221 h	HQ: 70 h SP: 139 h LP: 444 h
Sampling frequency	HQ: 44.1 kHz / 32 kbps SP: 22 kHz / 16 kbps LP: 8 kHz / 5 kbps	
Frequency response	HQ: 200 – 13,000 Hz SP: 200 – 7,000 Hz LP: 200 – 3,000 Hz	
Data organisation	5 folder voice 200 files per folder Erase: single / all files	
Record function	VCVA recording	
Playback functions	Speed Control (slow / normal / fast), Forward / Reverse Skip, Fast forward and rewind	
Input / Microphones	Built-in mono sensitivity: HI/LO Microphone jack 3.5 Ø mm, impedance 2 kΩ or more	
Menu languages	English / German / French / Spanish / Italian	
Power Supply	2x AAA batteries Alkaline battery life 37 h (recording LP) 16 h (playback)	
Dimensions	102 x 37 x 18.8 mm (W x H x D without protrusions) weight 64.8 g (incl. batteries)	

For box contents information and accessories please check page 26.

VN-5500PC DNS Version

For those wanting to save time or work more conveniently, the VN-5500PC DNS Version bundles Dragon NaturallySpeaking 10 Recorder Edition speech recognition software to help get things done. Languages supported are EN, FR, IT, DE, ES, NL. For further information please visit www.olympus-europa.com



For further information concerning minimum requirements of PC or Mac please check: www.olympus-europa.com



From business to leisure. And back.

It's ultra-slim, lightweight, super-stylish and as multifaceted as your life: The WS series is the perfect fusion of versatility and functionality, designed to suit the needs of your busy, modern lifestyle. And to help you keep track of it.



WS-450S
WS-550M
WS-560M

The WS range is the ideal companion for anyone with a busy life or a passion for smart technology. These devices allow you to travel light, record for longer, and enjoy premium audio quality. They reliably record your notes, seminars or lectures. And having all your important data safely stored, you can sit back and relax while listening to your favorite tunes.

WS-450S / WS-550M / WS-560M

Minimised size,
maximised functionality.



It's amazing how many possibilities fit inside these lightweight, super-slim devices. The WS series lets you record notes, interviews and small meetings in outstanding audio clarity while the smart built-in USB plug turns it into a flash drive with 4 GB memory. So no matter where you go, your music, business presentations or images are always in the palm of your hand. Other features include:

- Super lightweight pocket fit design (46 g incl. battery)
- High-quality WMA recording and playback, WS-550M & WS-560M feature also enhanced music playback of MP3/WAV formats.
- Up to 4GB memory for over 1000h recording (WS-560M, LP mode)
- Built-in retractable Hi-Speed USB connection
- Mass storage device for data files (voice files, music, images and data)
- Battery recharge function via USB (WS-550M & WS-560M)

Digital Multi Function Voice Recorder

Specifications

	WS-450S	WS-550M	WS-560M
Storage Media	1 GB internal memory	2 GB internal memory	4 GB internal memory
USB functionality	2.0 High Speed / Storage Class Retractable USB connector		
Display	18.7 x 24.4 mm / 1.21" Backlit Full Dot Matrix Display		
Playback formats	WMA	PCM (WAV) / MP3 / WMA	
Recording format	WMA		
Recording formats	STXQ: 17 h STHQ: 34 h STSP: 69 h HQ: 69 h SP: 137 h LP: 272 h	STXQ: 34 h STHQ: 69 h STSP: 139 h HQ: 139 h SP: 274 h LP: 544 h	STXQ: 69 h STHQ: 139 h STSP: 278 h HQ: 278 h SP: 547 h LP: 1088 h
Sampling frequency	STXQ: 44.1 kHz STHQ: 44.1 kHz STSP: 22 kHz HQ: 44.1 kHz SP: 22 kHz LP: 8 kHz		
Frequency response	STXQ: 50 – 19,000 Hz STHQ: 50 – 15,000 Hz STSP: 50 – 9,000 Hz HQ: 50 – 13,000 Hz SP: 50 – 7,000 Hz LP: 50 – 3,000 Hz		
Data organisation	5 folder voice (A/B/C/D/E) 200 files per folder File move, Erase single / all files		
Record function	VCVA recording / Low-cut filter Voice filter		
Index function	Up to 16 per file		
Playback functions	Speed adjustable 50 – 200 % / WOW XT Effect (only WS-550M / WS-560M) Cue / Review, Forward / Reverse Skip, Fast forward and Rewind – Noise canceling function		
Input / Microphones	Sensitivity: dictation, conference Microphone jack 3.5 Ø mm		
Menu languages	English / German / French / Spanish / Italian		
Power Supply	1x AAA Ni-MH rechargeable batteries or AAA batteries Alkaline battery life 21 h (recording LP)		
Dimensions	94.8 x 38 x 11 mm (W x H x D without protrusions) weight 46 g (incl. battery)		

For box contents information and accessories please check page 26.

For further information concerning minimum requirements of PC or Mac please check: www.olympus-europa.com



High performance for high performers.

When every thought, every word and every minute counts, count on the Olympus DM range. It has been developed especially for business users and anyone who needs the very latest technology in audio processing. With these state-of-the-art devices, meetings, personal notes and lectures can be captured and reviewed with outstanding quality and ease.



DM-450 / DM-550

The DM range combines elegance with excellence – stylish metal bodies, packed with advanced technology. These devices make file management as easy as it gets while their sound quality makes sure you don't miss even the smallest detail. And even when you are done performing, the DM series keeps serving you: It plays your favourite music, audiobooks or podcasts for feeling still comfortable in a challenging professional life.

DM-450 / DM-550

State of the Art Audio Processing.



DM-450

DM-550



Design Peter Marquardt



Thanks to the DM range high-quality audio processing has never been easier. Their design was initially developed in cooperation with the RNIB* and the result literally speaks for itself: Tactile buttons and optional Voice Guidance make navigation amazingly smooth and intuitive. And with Olympus Sonority, the included audio editing software with enhanced data management, you have all you need for high standard audio processing. Next to high-quality recording and playback of WMA files or even PCM (DM-550), the DM range also enables you to listen to music, podcast and audio books, in a most comfortable way. Features include:

- High storage capacities (built-in): 4 GB (DM-550), 2 GB (DM-450)
- Additionally MicroSD/microSDHC card slot for extendable memory
- Versatile recording quality for 1000 h (LP) or even CD quality recording (PCM 44.1/48 kHz 16 bit, DM-550 only)
- Outstanding battery life (51 h, LP mode) + battery charge function
- Scene modes and DVM technology – at once best result in various situations.
- Stereo low noise designed microphones
- EUPHONY MOBILE™ surround sound systems for outstanding realistic sound experience

Digital Audio Processing

Specifications

	DM-450	DM-550
Storage Media	2 GB internal memory	4 GB internal memory
	microSD / microSDHC card slot	
USB functionality	2.0 High Speed / Storage Class / Audio Class / HID	
Display	Backlit Full Dot Matrix Display	
Playback formats	PCM (WAV) / MP3 / WMA	
Recording modes & times (only a selection)	MP3 320 kbps: 13 h 128 kbps: 34 h	MP3 320 kbps: 27 h 128 kbps: 69 h
	WMA STXQ: 33 h LP: 522 h	WMA STXQ: 68 h LP: 1065 h
Sampling frequency	PCM: 44.1 – 48 kHz / 16 bit	
	MP3: 44.1 kHz / 128 – 320 kbps WMA: 8 – 44.1 kHz / 8 – 128 kbps	
Data organisation	5 folder voice + music (variable) / 1 folder Podcasts 1 folder Audible, 999 files per folder	
	Erase: single / all file(s) Partial (PCM mode)	
Record functions	VCVA recording / Voice filter / Zoom Mic. Setting (DVM) / Low-cut filter	
Index function	Up to 16 per file	
Playback functions	Random / Speed adjustable 50 – 200% / EUPHONY Cue / Review / Fast forward and rewind / Skip / Alarm / Continuous / Noise canceling	
Audible support	meta file information (author or title description), one file / bookmark function / chapter marks / speech optimized compression	
Other features	Podcast support / voice guidance / optional remote control (RS-30W)	
Input / Microphones	Built-in stereo / sensitivity: high, middle, low / Microphone jack 3.5 Ø mm, impedance: 2 kΩ	
Voice guidance languages	English / German / French / Spanish / Italian / Russian (Other languages available for download.)	
Power Supply	2x AAA Ni-MH rechargeable batteries or AAA batteries / Battery Charge Function inside / Alkaline battery life 51 h (recording LP), 19 h (playback) / USB connecting AC Adapter (optional)	
Dimensions	110 x 38.9 x 16 mm (W x H x D without protrusions) / weight 84 g (incl. batteries) / metal housing	

For box contents information and accessories please check page 26.

For further information concerning minimum requirements of PC or Mac please check: www.olympus-europa.com



100% dictation for professionals.

Efficiency is key to success. And here is your key to efficiency: The Olympus DS-2400 digital voice recorder and the AS-2400 Transcription Kit are especially designed for small and medium sized enterprises. Quick and easy handling combined with superior performance ensure an efficient and timesaving office workflow.

DS-2400 / AS-2400

Everyday business is often hectic enough. Here is the everyday solution that makes dictation and data handling perfectly easy: The DS-2400 features the DSS Pro standard to enhance all aspects of professional dictation, including efficient dictation management. Intuitive one-touch operation empowers you to record, adjust and manage your data with extraordinary ease. And to maximise convenience and mobility the DS comes in extraordinary ergonomical design.

DS-2400 / AS-2400

The perfect business solution.



DS-2400

AS-2400

Do you want a smooth dictation and transcription process at your office? Then look to this team: The DS-2400 Digital Voice Recorder and AS-2400 Transcription Kit. Used in combination they allow for quick and convenient data transfer directly to your secretary's office. And to make sure nothing gets lost along the way, you can label your files according to priority and double-check your recordings at any time. A headset and footswitch provide for extra convenience while the USB and serial adapters enhance connectivity. The DS-2400 features amongst others:

- Mobile dictation solution with metal body and 3 Smart Buttons
- Editing functions for professional dictation (overwrite/insert/delete/security lock)
- Recording in the high compression, high quality DSSPro format
- More than 300 hours recording with 2 GB SD Card*
- Up to 5 folders for file management (holding max. 200 files each)
- Up to 32 index marks possible per file
- Dictation management software included (DS-2400 Dictation Module, AS-2400: Transcription Module)

Dictation and Transcription System

Specifications

	DS-2400
Storage Media	SD / SDHC card slot (2 GB SD Card included)
USB functionality	2.0 High Speed / Storage Class / Audio Class / HID
Display	31.8 x 30.8 mm / 1.74", Backlit Full Dot Matrix Display
Data format	DSSPro (Digital Speech Standard Pro)
Sampling frequency	QP: 16 kHz / 28 kbps SP: 12 kHz / 13.7 kbps
Frequency response	QP: 200 – 7,000 Hz SP: 200 – 5,000 Hz
Data organisation	5 folder / 200 files per folder / Erase: partial / single / all files
Record function	New button / insert / overwrite / draft dictation VCVA recording / direct recording
Index function	Up to 32 per file
Workflow settings	Author ID
Playback functions	Speed Control (slow / normal / fast), Forward / Rewind / Quick Review / Cue / Review
Input / Microphones	Built-in mono / Sensitivity: dictation, conference / 3.5 Ø mm mini-jack
Menu languages	English / German / French / Spanish / Italian / Russian
Power Supply	2x AAA batteries / Alkaline battery life 32 h (recording SP)
Dimensions	113.5 x 50 x 17 mm (W x H x D) / weight 105 g (incl. batteries)

	AS-2400
Device operation	3 programmable buttons
Data organisation	Job status info (e.g. finished, pending, cancel)
Data formats	DSS pro / DSS / WMA / WAV / MP3
Interfaces Input	Connection via serial or USB port using accompanying adapter cable
Operating Systems & Requirements	For Operating System & Requirements of Olympus dictation management software please refer to the relevant software web pages

For box contents information and accessories please check page 26.

Starterkit: DS-2400 + AS-2400 bundle is now available.

For further information concerning minimum requirements of PC or Mac please check: www.olympus-europa.com

Box Contents

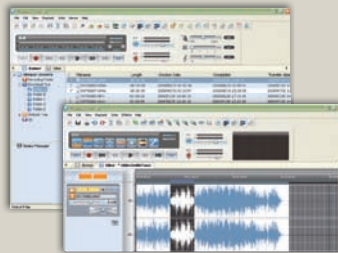
	VN-5500 / VN-6500	VN-5500PC / VN-6800PC	VN-7800PC	WS-450S	WS-550M / WS-560M	DM-450 / DM-550	DS-2400	AS-2400
Battery	■	■	■	■	1	1	■	
Case		2	■		3	4	5	
Footswitch (R28) / Headphones (E-102)								■
Noise cancelling Microphone (ME-52W)			■					
Earphones			■		■	■		
Connection Cable/ Extension Cable		■	■		6	■	■	■
2GB SD Memory Card							■	
DSS Player Software							7	8
Audio Management Software (Sonority)						■		

- 1 Rechargeable NiMH battery
- 2 VN-6800PC only
- 3 WS-560 only
- 4 DM-450-case / DM-550 case w. table stand

- 5 Leather
- 6 Extension Cable
- 7 Dictation
- 8 Transkription

Olympus Sonority

Olympus Sonority software provides a comfortable management of audio files, includes various editing functions and different web services like RSS information and podcast channels. The software improves the functionality of Olympus' DM-550 and DM-450 recorders:



Pictures show Olympus Sonority Plus Software.

Automatic updates, upgrades and downloads are possible with the included software. Additionally a Sonority Plus version can be purchased online and allows user to individualise the menu of DM-550 / DM-450, Audio CD and MP3 writing. More Music Editing Plug-ins are available, featuring more than 20 additional advanced effects and multiple tracks. Sonority is compatible with Windows and Macintosh computers. For more information please check Olympus website: www.olympus-europa.com

Accessories

ME 30W Conference Kit

It is perfect for recording multiple voices in large rooms – all and always in great stereo quality. Includes two omnidirectional microphones for 360°-coverage which can be positioned up to 5 m apart. Frequency response: 20 – 20.000 Hz.



ME-32 (Directional Microphone)

A sophisticated zoom microphone, for recording high quality sound at a distance. Thanks to its foldable, light-weight design it provides perfect portability. It comes with a foam windshield to reduce noise interference where required. Frequency response 70 – 15.000 Hz.



Microphones



ME-51S Stereo microphone
High-quality SHQ recordings
Frequency 100–15,000 Hz



ME-52W Noise Cancellation
Microphone
Frequency 100–15,000 Hz



ME-12 Noise Cancellation
Microphone
Reduces background noise
Frequency 200–5,000 Hz



ME-15 Tiny tie-clip
microphone
Frequency 100–12,000 Hz



TP-7 Telephone pick-up,
captures both sides of a
telephone conversation.

Earphones



E-20 Monaural Earphones
Compact dual mono earbud
for mono recorder.



KA-333 Dubbing Cable
Connects microphone socket
to other devices, ideal for
dubbing of recordings

Power-Supply



BC-400 Quick charger for
Ni-MH batteries
incl. 4 AAA Ni-MH batteries

Cases



CS-122 This case (optional for
DS & WS series) can be used
as a table stand and a carrying
case and is equipped with a belt
clip and a tripod hole.



CS-126 Carrying case equipped
with a belt clip and a tripod hole
can also be used as a table stand
(for DM-xx series, device not
included)

Remote Control



RS-30W Remote Control
for DM-450 / DM-550

Glossary

Alarm Playback. A tone sounds at the scheduled time. And after pressing any button the recorder starts playing a preselected file.

Continuous Playback. Listen to your recordings of one folder without any stop.

DSS Pro (Digital Speech Standard Pro). (.ds2) is a special format for professional dictation and transcription with reduced file sizes for speech recordings. Thereby DSS Pro improves sound playback quality with a better fidelity, ideal for speech recognition.

DVM™ technology. See Zoom Mic / DVM technology.

Euphony Mobile™. Surround sound system which combines bandwidth correction, expansion technology, and virtual acoustical source processing technology. Modes are Power (focuses more on lower sound registers), Natural (achieves natural bandwidth correction and acoustical field expansion) and Wide (for an even more expansive feel).

Index Marks. If they are placed, you can quickly find a location you want to listen to.

LowCut Filter function minimize low-frequency sounds and records voices more clearly.

Noise Cancel Playback. If recorded audio is difficult to understand because of noisy surroundings the noise cancel setting can improve sound quality.

PCM (Pulse Code Modulation). It is an uncompressed recording format, which can exceed even CD-quality.

Repeat Playback. The recorder repeatedly plays back to the point where the user defined a segment.

For more information please check Olympus website: www.olympus-europa.com

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Skip Playback. Skipping or reverse skipping into one played file. It is convenient for quickly skipping to other playback positions or for repeating short phrases.

Smart Buttons. Allows automatically change to displayed function depending on the mode set.

Timer Recording. It is a function to execute a recording at a set time.

USB. An interface for fast data transfers up to 480 Mbps (= high speed USB / USB2.0). With *USB Audio Class* your digital voice recorder works as a microphone or loudspeaker while it is linked with the PC. And with *USB Mass Storage Class* the recorder is mounted as an external drive.

VCVA (Variable Control Voice Actuator). When the microphone senses that sound has reached a preset volume, the built-in VCVA starts recording automatically, and stops it when the volume drops.

Voice Filter. It cuts low and high frequencies. This enables clear audio playback.

Voice guidance. A voice guided menu ensures that all users, even visually impaired, will find operation easy. The audio notification is available in different languages.

WOW XT. A combination of three advanced sound technologies from SRS. It restores the width and depth of sound, adjusts the bass and elevate the sound to the correct level.

Zoom Mic / DVM technology. The directional microphone function utilises DIMAGIC Virtual Microphone (DVM) technology. DVM is an audio pickup system for recording the focused sound from any direction (Zoom, Narrow, Wide).