



For even
more
performance.

OLYMPUS
Your Vision, Our Future

OLYMPUS IMAGING EUROPA GMBH
www.olympus-europa.com



Discover
Simplicity.

Digital Audio Recording

OLYMPUS
Your Vision, Our Future

Discover the simplicity in your life.

Life is full of discoveries, and your most interesting ideas pop up at all times and in various places. Now, it doesn't matter where your busy schedule takes you; recording your valuable thoughts, keeping spontaneous notes and taking professional dictation has never been easier than with an Olympus Digital Voice Recorder.

The Olympus collection of digital recorders has been designed with you in mind, and each range contains a variety of features especially suited to your individual needs.

Digital recording is the smartest way to make sure that you have more time for the essential things in life. Olympus Digital Recorders – discover the simplicity of digital audio recording.

Digital Notetaking, Audio Entertainment, Dictation and Transcription.

Digital Notetaker VN-5500	06
Digital Notetakers with connection to PC VN-3500PC / VN-5500PC / VN-6500PC	10
Digital Notetakers with direct connection to PC WS-110 / WS-110 DNS Version / WS-210S	14
Digital Voice Recorders / Voice & Music WS-311M / WS-321M / WS-331M	18
Digital Voice Recorders / Audio & Music DS-55 / DS-65 / DS-75	22
Dictation and Transcription System DS-2400 / AS-2400	26
Box Contents	30
Accessories	31
Glossary	32

VN Range

Small recorder, perfect form.

The affordable VN range of digital notetakers combines renowned Olympus recording and playback quality with outstanding versatility. These digital notetakers are ideal for anyone who wants a convenient way to save their thoughts without the need for pen and paper. The VN series makes sure that when you take a note, you can take it easy!

VN-5500

No matter where or when your best ideas occur, the stylish and compact VN-5500 is there for you. It's perfect for everything from notetaking to recording valuable ideas or keeping to-do lists. With its many flexible features, the VN-5500 makes sure you never forget a thing.



Take it easy!



VN-5500

The VN-5500 offers unbeatable ease of use and is perfect for everyday notetaking and message recording. One large and centrally-located button provides access to the most frequently used functions, and a clear LCD displays important file information. The VN-5500 combines high recording and playback quality with outstanding versatility for exceptional value. Other features include:

- Over 300 hours' recording
- Long battery life: over 30 hours in recording mode
- 4 folders / 100 messages per folder
- Voice activation (VCVA) for hands-free use
- Index function (10 per file)

Specifications

File Management	4 folders / 100 files per folder
Erase Functions	One / All file(s)
File Move	Yes
Index Function	10 per file
Record Monitor	Yes
VCVA Recording	Yes
Mic Sensitivity	High / Low
Playback Speed Control	Yes (3 steps)
Audio Input / Output	Ear Jack, Mic Jack, Speaker

Storage / Recording Modes

Memory	512 MB
High-Quality (HQ)	20 h 05 m
Standard Play (SP)	53 h 40 m
Long Play (LP)	300 h 30 m

Power Supply / Dimensions

Power Supply	2x AAA batteries
Max. Battery Life (LR03)	30 h (Rec, SP-Mode) / 15 h (Play)
Dimension (L x W x T)	102 x 36 x 20.5 mm
Weight (incl. battery)	63 g

For box contents information and accessories please check page 30.



VN-3500PC VN-5500PC VN-6500PC

The three PC notetaker models combine ease of use with the added advantage of computer connectivity – now you can download files to your computer effortlessly. No matter where you are, make sure you can capture, save and share your best thoughts, lectures and once-in-a-lifetime moments.

The ultimate in digital recording simplicity.



VN-3500PC

VN-5500PC

VN-6500PC



With PC connection, the Olympus VN series increases versatility by allowing you to download files onto your computer for filing, archiving or sharing your digital voice files via email. In addition to sturdy design and high-quality recording and playback, the following features are also included with the VN range:

- High-Speed USB connection (Mass Storage Device)
- Recording in widespread WMA format
- 5 folders / 200 messages per folder
- Playback Speed Control
- Voice Filter and Low-Cut Filter (VN-6500PC only)

Specifications

	VN-3500PC	VN-5500PC	VN-6500PC
PC-Interface	High Speed USB / Mass Storage Device		
File Format	WMA		
File Management	5 folders / 200 files per folder		
Erase Functions	One / All file(s) / File Lock		
Index Function	16 per file		
Record Monitor	Yes		
VCVA Recording	Yes		
Mic Sensitivity	High / Low		
Voice Filter	-	-	Yes
Recording LowCut Filter	-	-	Yes
Playback Speed Control	Yes (3 steps)		
Repeat Playback	-	-	Yes
Audio Input / Output	Ear Jack, Mic Jack, Speaker		
Other Features	Multi Language (EN, DE, FR, ES, IT)		

Storage / Recording Modes

Memory	128 MB	512 MB	512 MB
High-Quality (HQ)	8 h 40 m	35 h 20 m	35 h 20 m
Standard Play (SP)	17 h 10 m	69 h 35 m	69 h 35 m
Long Play (LP)	54 h 40 m	221 h 30 m	221 h 30 m

Power Supply / Dimensions

Power Supply	2x AAA batteries
Max. Battery Life (LR03)	37 h (Rec) / 16 h (Play)
Dimension (L x W x T)	102 x 37 x 18.8 mm (without protrusions)
Weight (incl. battery)	65 g

For box contents information and accessories please check page 30.

WS Range

Stylish and ultra-compact.

The WS range of digital voice recorders offers an elegant, ultra-compact and effective solution for today's demands. And, with a WS recorder, no extra software or cables are necessary – just plug the device directly into your computer to simply download voice files, documents or music.

WS-110 WS-210S

Ultra-slim, lightweight and super-stylish, the WS series combines versatility with impressive functionality. This range is perfectly designed to suit the needs of every modern lifestyle.



Versatility looks stylish.



These ultra-slim, lightweight devices enable you to record notes, interviews and meetings with terrific audio clarity. Plus, you can use them as USB mass storage devices. This means that no matter where you're going, presentations, images and documents can be easily taken with you. Other features include:

- Lightweight design with large LCD screen and integrated USB connector
- Direct, software-free full-speed USB connection to PC or Mac
- Choice of three or six recording qualities, including stereo recording (WS-210S)
- High quality WMA format
- Long battery life, with only one AAA battery needed

Specifications

	WS-110	WS-210S
PC-Interface	Direct High Speed USB / Mass Storage Device	
File Format	WMA	
File Management	5 folders / 200 files per folder	
Erase Functions	One / All file(s) / File Lock	
Index Function	Yes	
Record Monitor	Yes	
VCVA Recording	Yes	
Voice Filter	Yes	
Recording LowCut Filter	Yes	
Playback Speed Control	Yes	
Audio Input /Output	Ear Jack, Mic Jack, Speaker	

Storage / Recording Modes

	256 MB	512 MB
Memory		
Stereo Extra Quality (ST XQ)	-	8 h 50 m
Stereo High Quality (ST HQ)	-	17 h 40 m
Stereo Standard Play (ST SP)	-	35 h 25 m
High-Quality (HQ)	17 h 35 m	35 h 25 m
Standard Play (SP)	34 h 40 m	69 h 40 m
Long Play (LP)	69 h 00 m	138 h 30 m

Power Supply / Dimensions

Power Supply	1x AAA battery
Max. Battery Life (LR03)	21 h (Rec) / 21 h (Play)
Dimension (L x W x T)	94.7 x 37 x 10 mm
Weight (incl. battery)	47 g

For box contents information and accessories please check page 30.

WS-110 DNS Version

For those wanting to save time or work more conveniently, the WS-110 DNS Version bundles Dragon NaturallySpeaking 9 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





WS-311M WS-321M WS-331M

These recorders build on the concept of smartness and flexibility in the WS range. However they also invite you to combine business with pleasure. With the WS series you can travel light, record for longer, and take advantage of the latest audio technology to settle back and listen to your favourite tunes. It's the perfect balance for your busy life at the office, on the road or at home.



Mobile versatility: For data of all kinds.



Smart, sleek and versatile. These recorders let you capture and playback audio notes, lectures and interviews, and with their amazing memory capacities, you'll never have to worry about running out of disk space. These devices also store a variety of other digital media so that you can carry everything you need in one hand and listen to your favourite music at the same time. Features include:

- Mass Storage Device with direct software-free High-Speed USB connection to PC or Mac
- Ample memory for more than 555 hours' recording (WS-331M, 2 GB)
- Choice of six recording qualities including 3 stereo recording modes
- Large, clear backlit LCD
- WMA/MP3 music and variable-speed playback functions
- SRS "WOW" and TruBass for brilliant audio enhancement

Specifications

	WS-311M	WS-321M	WS-331M
PC-Interface	Direct High Speed USB / Mass Storage Device		
File Format	WMA		
Playback	WMA / MP3 (Music Mode)		
LCD	backlit		
File Management	5 folders / 200 files per folder		
Erase Functions	One / All file(s) / File Lock		
Index Function / Temp Mark	16 per file / Yes		
Record Monitor		Yes	
VCVA Recording		Yes	
Voice Filter		Yes	
Recording LowCut Filter		Yes	
Playback Speed Control		Yes (9 steps)	
Repeat Playback		Yes	
Continuous Playback		Yes	
Noise Cancel Playback		Yes	
Audio Input / Output	Ear Jack, Mic Jack, Speaker		

Storage / Recording Modes

Memory	512 MB	1 GB	2 GB
Stereo Extra Quality (ST XQ)	8 h 45 m	17 h 40 m	35 h 30 m
Stereo High Quality (ST HQ)	17 h 40 m	35 h 25 m	71 h 00 m
Stereo Standard Play (ST SP)	35 h 25 m	70 h 55 m	142 h 05 m
High-Quality (HQ)	35 h 25 m	70 h 55 m	142 h 05 m
Standard Play (SP)	69 h 40 m	139 h 40 m	279 h 35 m
Long Play (LP)	138 h 30 m	277 h 35 m	555 h 45 m

Power Supply / Dimensions

Power Supply	1x AAA battery
Max. Battery Life (LR03)	21 h (Rec) / 15 h (Play)
Dimension (L x W x T)	94.8 x 38.6 x 11 mm
Weight (incl. battery)	47 g

For box contents information and accessories please check page 30.

DS Range

Next-generation technology.

The DS range is primarily aimed at 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.

DS-55
DS-65
DS-75

Each model features an elegant metal casing that houses advanced technology. With these recorders, file management is a breeze, and their unbeatable stereo sound quality makes them ideal for capturing every detail. But they're also great for life when you're off the job. These devices are perfect for relaxing to your favourite music, audiobooks or podcasts between appointments.

High-Quality Audio Processing.



Plug-in stereo microphone included.

High-Quality audio processing at your fingertips. Designed in conjunction with the RNIB*, these recorders are easy to navigate with their tactile buttons and an optional Voice Guidance feature. High storage capacity means there is plenty of room for storing dictation, music, podcasts or other recordings. In addition to high-quality recording and playback of WMA files, this range enables you to listen to MP3 and AA (audible content) files. Furthermore, the DS-75 boasts PCM recording capabilities. Features include:

- Versatile recording quality options including high-quality stereo and PCM** recording
- High storage capacities: up to 4 GB**
- USB 2.0 connection with Mass Storage Device functionality
- Audiobook (.aa), Podcast functions with bookmarking for easy stop-and-go listening
- Latest sound enhancement technology: DVM and Euphony

*RNIB: Royal National Institute for the Blind is a UK based charity offering information, support and advice to people with sight loss. **Only DS-75.

Specifications

	DS-55	DS-65	DS-75
PC-Interface	High Speed USB / Mass Storage Device		
File Format	WMA	WMA	WMA/WAV
Playback	WMA/MP3	WMA/MP3	WMA/MP3/ WAV
LCD	Backlit, record monitor		
File Management	5 folders / 200 files per folder + music		
Erase Functions	One / All file(s) / File Lock		
Index Function / Temp Mark	16 per file / Yes		
Voice Filter / LowCut Filter	Yes / Yes		
VCVA Recording	Yes		
Manual Rec. Level Control	-	-	Yes
Continuous Recording	-	-	Yes
Mic Sensitivity	Dict / Conf / Lecture		
Zoom Mic (DVM technology)	Zoom / Narrow / Wide / Off		
Playback Speed Control	Yes (0.5x-2.0x)		
Playback Functions	Alarm- / Repeat- / Continuous- / Noise Cancel / Skip Playback		
Audio Input / Output	Ear Jack, Mic Jack, Speaker		
Other Features	Audible (.aa) and Podcast Support, Voice, Guidance, EUPHONY, DVM, DSS Player Software, Remote Control (DS-65/-75 included / DS-55 optional)		

Storage / Recording Modes

	1 GB	2 GB	4 GB
Memory	1 GB	2 GB	4 GB
PCM (44.1kHz - 16bit)	-	-	6 h 10 m
Stereo Extra Quality (ST XQ)	16 h 30 m	33 h 50 m	67 h 50 m
Stereo High Quality (ST HQ)	33 h 10 m	67 h 40 m	135 h 40 m
Stereo Standard Play (ST SP)	66 h 20 m	135 h 30 m	271 h 30 m
High-Quality (HQ)	66 h 20 m	135 h 30 m	271 h 30 m
Standard Play (SP)	130 h 50 m	266 h 50 m	534 h 30 m
Long Play (LP)	260 h 20 m	530 h 50 m	1062 h 50 m

Power Supply / Dimensions

Power Supply	2x AAA batteries / AC Power Supply
Max. Battery Life (LR03)	32 h (Rec) / 28 h (Play)
Dimension (L x W x T)	111 x 37.5 x 16 mm
Weight (incl. battery)	80 g (with microphone)

For box contents information and accessories please check page 30.

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

DS-2400 & AS-2400

The perfect business solution.

The Olympus DS-2400 digital voice recorder and the AS-2400 Transcription Kit are especially designed for small enterprises. This range puts you in complete control to guarantee that you never miss a thing.

DS-2400 AS-2400

The elegant DS-2400 provides maximum mobility and is ideal for every business setting. Professional one-touch operation puts you in control, and allows recordings and adjustments to be made with extraordinary ease. It features the DSSPro standard to enhance all aspects of professional dictation, including efficient file management.

For even more versatility when it comes to transcribing voice files, adding the optional AS-2400 Transcription Kit creates the perfect combination to keep your business running smoothly.



Enhance organisation and efficiency.



DS-2400



Working hand in hand with the DS-2400 is the AS-2400 transcription kit.



The DS-2400, with its sleek silver body, offers flexible mobility and high-performance recording and playback. Up to 200 files can be saved in each of the device's five folders, and an SD Card slot provides more than ample storage capacity. Recordings are saved in the high-quality DSSPro format. Files can be downloaded to a PC or Mac, and then easily transferred or played back thanks to the included DSS Player software. Features include:

- Recording in Digital Speech Standard Pro (DSSPro)
- A SDHC card slot that allows almost endless recording capacity: e.g. over 157 hours recording with the supplied 1 GB SD Card
- Ergonomically designed: large backlit LCD, NEW button and three Smart Buttons
- Professional editing functions such as Insert or Overwrite dictation and Partial Erase
- User ID setting possible via software

Specifications

PC-Interface	Hi-Speed USB interface (USB Storage Class, USB AudioClass (Full Duplex), USB HID Storage Class)
File Format	DSSPro (Digital Speech Standard Pro)
File Management	5 folders / 200 files per folder, Pending File, Individual Folder Names
Erase Functions	One / All file(s) / Partial Erase / File Lock
Index Function	32 per file
VCVA Recording	Yes
Insert / Overwrite Dict	Yes / Yes
Voice Filter / LowCut Filter	Yes / Yes
Mic Sensitivity	Dict / Conf
Playback Speed Control	Fast / Slow
Quick Review / Cue Review	Yes / Yes
Audio Input/Output	Ear Jack, Mic Jack, Speaker
Other Features	DSS Player Standard Software

Storage / Recording Modes

Memory	SDHC Card Slot (1 GB SD Card supplied)
Quality Play (QP)	77 h 00 m (1 GB)
Standard Play (SP)	157 h 50 m (1 GB)

Power Supply / Dimensions

Power Supply	2x AAA batteries
Max. Battery Life (LR03)	32 h (Rec, SP Mode) / 13 h (Play)
Dimension (L x W x T)	113.5 x 50 x 17 mm
Weight (incl. battery)	105 g

AS-2400 Transcription Kit

The AS-2400 guarantees easy transcriptions of any DSSPro recordings. It allows easy transfer from the voice recorder to the secretary's office. Data can be labelled according to importance or priority and files can be viewed at any time. It is supplied with a headset and footswitch. USB and serial adapter cable are also included.

For box contents information and accessories please check page 30.

Box Contents

	VN-5500	VN-3500PC/-5500PC/-6500PC	WS-110/-210S	WS-311M/-321M/-331M	DS-55/-65/-75	DS-2400	AS-2400
Battery	■	■	■	■	■	■	
Case, Leather Case					■	■	
DSS Player Software					■	■	■
Footswitch (R-28) / Headphones (E-102)							■
Noise cancelling Microphone (ME-52W)		■					
Remote controller (RS-29)					■		
Stereo earphones		■	■	■	■		
Connection Cable / Extension Cable		■	■	■	■	■	■
1 GB SD Card						■	

■ DS-55/DS-65 Case, DS-75/DS-2400 Leather Case ■ AS-2400 Transcription Modul
 ■ only VN-6500PC ■ DS-75/DS-65 ■ only WS-210S ■ USB Extension Cable

DSS Player Software

DSS Player Software is the perfect tool for downloading and organising the playback of audio files on a computer. The software manages DSSPro, DSS, WAV, WMA, and MP3



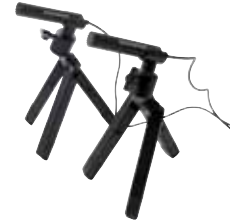
audio files. For an easy transcription process the software features e.g. Author ID Setting, Intro Scan and Playback Speed Control.

An upgrade to DSS Player Plus version will offer the opportunity to integrate voice recognition software and is available to download online. For Olympus voice recorders with podcast functionality (e.g. DS-75 / DS-65 / DS-55) the DSS Player Software manages to subscribe, download and organise podcasts.

Please visit our website to download, and for compatibility information.
www.olympus-europa.com

ME-30W Conference Kit

For meetings, conferences and concerts, with the ME-30W Conference Kit, it is easier than ever to capture sounds in large gatherings, all in high quality stereo. This professional solution includes two omnidirectional microphones engineered by Olympus for seamless compatibility. With 360° coverage, you'll never miss a contribution – no matter where the speaker is sitting. The ME-30W Conference Kit is compatible with Olympus Digital Voice Recorders which have a stereo function, particularly recommended for use with the DS-75.



Microphones



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



ME-52W Microphone
Plug-in microphone
Frequency 100–15,000 Hz



ME-12 Microphone
Reducing background noises
Frequency 200–5,000 Hz



ME-10 Microphone
Tiny lightweight tie-clip
Frequency 100–7,000 Hz



ME-15 Microphone
Captures both sides of the
telephone conversation for
recording



TP-7 Telephone pick-up
Captures both sides of the
telephone conversation for
recording

Earphones



E-20 Monaural Earphones
One-ear earphones



KA-333 Recorder cable
for easy dubbing



BC-400 Battery charger
Ni-MH-Akku quick charger incl.
4 AAA Ni-MH Akkus

Cases



CS-115 Leather Case
for WS-331/-321/-311M



CS-122 Leather case for
DS-75/-65/-55. Easily converts
to a table-top stand

Remote Control



RS-29 Remote control

Alarm Playback. The alarm tone of the recorder sounds at the scheduled time and by pressing any button the recorder starts to playback a preselected file.

Continuous Playback. This function allows you to listen to all your recordings of one folder in one go without any stop between the files.

Continuous Recording. Recording will continue onto the next recording file if the maximum file size is reached.

DSSPro (Digital Speech Standard Pro). DSSPro (.ds2) is the file format for professional dictation and transcription. Its technology reduces both the file size and transfer volume for speech recordings. Thereby DSSPro improves sound playback quality with a wider frequency range and better fidelity, ideal for speech recognition.

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

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

MP3. Digital audio compression algorithm that achieves a high compression. It does this by optimising the compression according to the range of sound that people can actually hear.

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). PCM is an uncompressed recording format which depending on the sampling frequency and bit rate matches or beats CD quality (16bit / 44.1kHz).

Pending File. You can set-up that only finished files are transferred to the PC. Then pending files will not be transferred until their status is changed to "finished".

Repeat Playback. The recorder repeatedly plays back a by the user defined segment.

Skip Playback enables you to skip (forward) or reverse skip (rewind) a file being played for a set period (e.g.

10 sec.). This function is convenient for quickly skipping to another playback position or repeatedly playing back short phrases.

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

Temp Marks. Unlike index marks temp marks can be placed to temporarily remember desired locations on files created on machines other than Olympus IC recorders.

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

USB. USB offers faster data transfers at 1.5 Mbps (Low-speed), 12 Mbps (full-speed or USB 1.1) or 480 Mbps (high-speed or USB 2.0).

USB Audio Class compatibility means that the digital voice recorder also functions via the computer as USB microphone or loudspeaker.

With USB Mass Storage Class, the device is automatically displayed 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. The Voice Filter Function cuts low and high frequency tones during normal, fast, or slow playback, and enables clear audio playback.

WAV. A audio format which is compatible with Windows and MAC operating systems and typically used for uncompressed audio recordings like PCM.

WMA. Windows Media audio file (WMA) is a compression standard that archives CD quality at only half the size of comparable MP3 files.

Zoom Mic / DVM technology. The directional microphone function utilises DiMAGIC Virtual Microphone (DVM) technology. DVM is an audio pickup system which allows you to record by focusing on sound from any direction (Zoom, Narrow, Wide).

IBM and PC/AT are the trademarks or registered trademarks of International Business Machines Corporation. Microsoft, Windows and Windows Media are registered trademarks of Microsoft Corporation. WOW XT, SRS and symbol are trademarks of SRS Labs, Inc. WOW XT technology is incorporated under license from SRS Labs, Inc. MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson. The product was developed based on noise-canceling technology under license from NEC Corporation. EUPHONY MOBILETM is a trademark of DiMAGIC Corporation. DVMTM is a trademark of DiMAGIC Corporation. Other product and brand names mentioned herein may be the trademarks or registered trademarks of their respective owners.