

The speed of speech.



**OLYMPUS**

Your Vision, Our Future



Your Vision, Our Future

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## 5 high-quality essentials.

Our system is based on five pillars and meets your every need with the highest level of quality. It has been developed to advance your business effortlessly. For over 40 years, Olympus has been a trusted partner to the medical, legal and other sectors, providing superb Professional Dictation Systems that can be adapted to your individual needs and make your workflows more efficient.

### **1 Usability**

Olympus voice recorders are designed with exceptional ergonomics in mind: their shape, button placement and weight distribution have been carefully engineered for hours of comfortable use. You have the choice of slide-switch or push-button control, which can be combined with various features to precisely meet your professional needs.

### **2 Security**

Olympus offers by far the most reliable hardware and systems, featuring data security and back-up functionality. Tried-and-tested Olympus software provides total security for recorded files, and the voice-recording devices also provide protection features to ensure that only you and authorised persons have access to sensitive data.

### **3 Reliability**

To ensure you have a device that is always ready for every meeting or dictation situation, Olympus voice recorders have been specially engineered to feature a robust body design. The excellent overall durability of the slide switch, buttons and cable makes these devices ideal for hours of use over many years, which makes them a safe investment.

### **4 Expandability**

A busy professional lifestyle calls for a flexible dictation system. That's why Olympus offers advanced Device Configuration Manager software, which is compatible with voice recognition software. What's more, the range of accessories available lets you improve your user experience and enjoy even more voice recording possibilities.

### **5 Compatibility**

Olympus Professional Dictation Systems support a wide range of IT systems, including desktop PCs and notebooks, thin clients, client/server architecture, audio codecs, Mac and Windows, to name just a few. Compatibility with speech recognition software such as Dragon NaturallySpeaking easily turns words into writing.



**Stationary dictation**

Your audio files can be integrated and protected within any existing workflow system. All authorised persons are connected online and able to mark significant parts or organise the recordings in folders. All microphones have been designed for prolonged and comfortable use.



Speed up your process.

Olympus understands professional business needs – regardless of size. That’s why we deliver individual business solutions, such as mobile dictation for perfect flexibility and saving notes while on the go, or stationary dictation for complex systems to boost your work efficiency. Particularly for big companies, an Olympus Professional Dictation System is the perfect tool for bringing together the whole team.



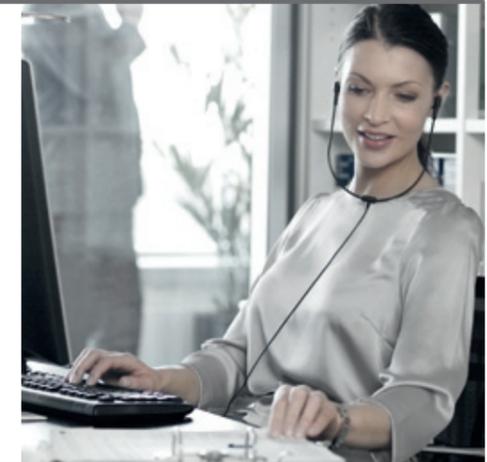
**Mobile dictation**

Speak your notes – receive a written document. Our flexible system supports any existing workflow and allows you to review, insert or overwrite segments. Highlight important facts, organise in folders – anything is possible. Smart buttons and a big display, combined with the ODMS software, optimise your workflow (for details see page 6).



**Transcription**

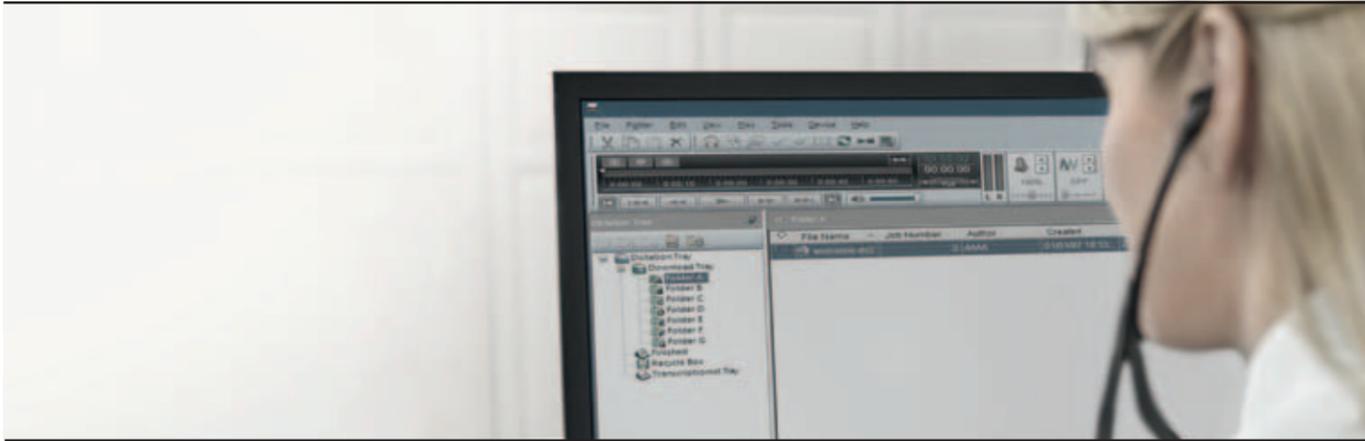
Transform your words into documents. Easy, fast and comfortable with easy-to-use software and a lot of ergonomic accessories – our footswitch and state-of-the-art headsets allow you hands-free operation. No matter which system you use, our ODMS software with or without speech-recognition software is the easy way to produce transcriptions.



**Administration**

Install an easy and secure audio system that fits your individual needs. Rely on our data encryption and decryption for real data safety and backup compatible with any system and security architecture. We have your individual solution with our ODMS software (for details see page 7) and tools for a centralised and easy-to-control system. Supported by our growing Olympus audio system range, you can achieve even greater effectiveness, and maybe even business growth.





# Professional dictation management

With the latest software Olympus Dictation Management System (ODMS) you have a complete solution to create your daily business documents quickly, easily and more efficiently. Olympus' many years of experience in audio and dictation resulted in ODMS. You can now choose between three ways of turning speech into text: classic, automatic and advanced transcription.



### Let your voice work for you

Don't worry about who can transcribe your dictations: professional workflow solutions simplify the collaboration between authors, typists, typist pools and speech-recognition engines<sup>1</sup>.

### Easy installation and administration

No matter what size your organisation is, it will receive the right tools to implement a professional dictation workflow and set up a sophisticated central administration.

### Seamless interface to speech recognition<sup>1</sup>

It is no longer necessary to have someone do your typing. ODMS provides a seamless interface to Dragon NaturallySpeaking. This makes it possible to use background and real-time speech recognition<sup>1</sup> in combination with a workflow solution. No matter whether you or your typist train the speech recognition<sup>1</sup> software – both of you will have more time to do other things.

### Scalability due to the modular software architecture

The modular architecture of ODMS allows you to create an Olympus dictation network and extend it step-by-step and year-by-year. You just have to decide how many authors (dictation module) and typists/secretaries (transcription module) will join the dictation network.

### Virtualisation and private cloud computing

The support of virtual environments with Citrix and Windows terminal servers allows you to keep your IT infrastructure costs as low as possible. For further information about the virtualisation of ODMS please contact your authorised dealer.

### Designed for excellent usability

New and improved interface design for excellent usability. The user interface is an important component of professional dictation hardware and can boost your productivity and efficiency.

### Automated dictation distribution

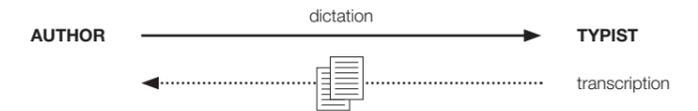
Mobile and desktop dictation only play out their strengths if the dictations get to the right destination, quickly and easily. Automatic transfer rules can be defined to suit every user scenario. Depending on the rules (work type, author ID etc.) the dictations are transferred via email, FTP, LAN, etc. to their destinations.

### Data security is priority number one

Because your data is your asset, ODMS protects your data with several security features. Instant 256-bit file encryption with DSS Pro secures your dictations and allows only authorised persons to listen to them. Customisable backup rules avoid any accidental data loss.

## Classic transcription

- Dictate and send
- Transcription done by typist



## Automatic transcription

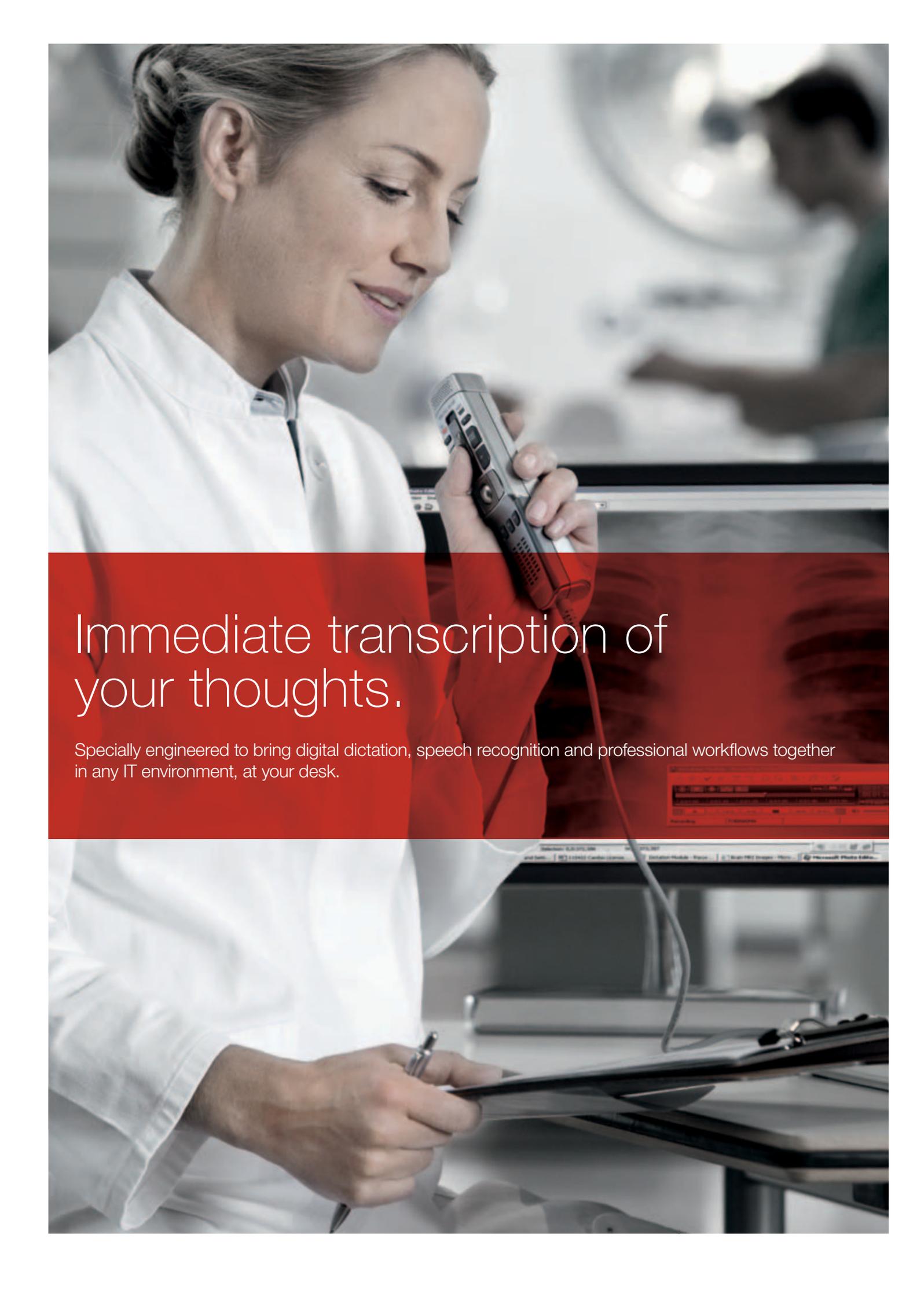
- Dictate
- Transcription done by speech recognition<sup>1</sup> (SR)
- Document check
- Training of SR done by author



## Advanced transcription

- Dictate and send
- Secretary utilises speech recognition<sup>1</sup> (SR) for transcription
- Secretary proofs transcribed document and trains user profile of SR



A woman in a white lab coat is shown in profile, looking down at a handheld dictation device. She is holding a silver and black device with a microphone and buttons. The background is a blurred clinical setting with another person in a white coat. A red horizontal band is overlaid on the image, containing text. Below the red band, the woman is shown writing on a clipboard with a pen. A computer monitor is visible in the background, displaying a software interface.

# Immediate transcription of your thoughts.

Specially engineered to bring digital dictation, speech recognition and professional workflows together in any IT environment, at your desk.





#### **Enhanced productivity**

Cutting-edge microphone and voice-processing technology ensure best results in speech recognition and transcription, reducing manual corrections to a minimum. The DR series has been developed based on an ergonomic design study: body shape, weight and button layout optimised for long operating times. The large trackball makes navigation easier, especially on big screens, and the symmetrical design allows optimal handling for left and right-handed users.

#### **Ergonomic input key layout**

Olympus Directrec microphones come in two ergonomic input configurations, both designed for maximum ease of use and efficiency: choose between a central push button or a newly developed slide switch. The trackball enables easy, one-handed PC navigation.

#### **Superior audio quality**

The next generation of microphones, optimised for human and software-automated transcription. Noise cancelling, voice-optimised audio processing for best speech recognition results and a powerful integrated speaker with sensitive volume control for clear playback.

#### **Reliable quality**

Olympus products are designed for heavy-duty use and treatment. The slide switch on rubber rollers allows precise, virtually noise-free operation, while also minimising wear and improving reliability. Every detail, such as trackballs and USB cables, go through an extensive quality check. Outstanding quality management pays off: with unbeatable low repair and service rates Olympus sets standards in the audio industry.

#### **Speech recognition**

Olympus has worked in close cooperation with leading speech-recognition software manufacturers to optimise the microphone design. As a result, the new Olympus DR series supports automatic speech recognition that is more accurate than ever, meaning that you don't lose any more time making corrections.

#### **Easy integration & software solutions**

The Device Configuration Manager Software and Software Development Kit are available for easy customisation in order to embed the DR series into your IT infrastructure. All buttons and LEDs are programmable to optimise your individual workflow and operation. Also works with Olympus professional dictation software to immediately establish a dictation workflow.

# Highlights of the new stationary DR series.

**DR-2300/DR-2200**

- Directional microphone to reduce undesired background noises
- Digital volume control
- Multifunctional four position slide switch (configurable)
- Due to its symmetrical and ergonomic design the handling of the DR series is exceptionally comfortable – not even hours of use will cause fatigue
- A cable ten-times as strong as a normal USB cable; the cable bush embedded inside the device enhances tension strength to the highest extent
- Enhanced visual aid with multicolour and dual LED system
- Laser trackball for perfect navigation with built-in mouse functions
- The four programmable buttons on the front, and the one on the back, can be freely assigned to functions for a customised workflow
- Powerful integrated speaker for clear, high-quality playback

**DR-2100**      **DR-1200**

- Multifunctional four-position slide switch (configurable)
- Large multifunctional push buttons
- Laser trackball for perfect navigation with built-in mouse functions
- The barcode scanner SC1 for DR-2300 enables direct insertion of general barcodes into your work

# High-tech heart.

By using both a windscreen to minimise breath noise and shock absorbers to reduce friction noise, this microphone achieves highly accurate voice recognition with high SNR

The polyethylene film of the highly accurate laser trackball is abrasion-resistant thanks to its high molecular weight; the enhanced low friction ensures smooth and soundless operation

Button	Assigned Command
F1	
F2	
F3	
F4	
Shift + NEW	
Shift + REC	
Shift + STOP	
NEW	Text Input
REC	Microphone on
STOP	
PLAY	Play from cursor
REW	Move cursor backward
FF	Move cursor forward

**DIRECTREC**  
Configure buttons for your individual needs and be ready for direct recording<sup>3</sup>

## Good to know for administrators:

- ODMS for administrators<sup>2</sup> enables:
- Central administration (user groups, licenses, hardware and software settings)
  - Virtualisation (Citrix / WTS)
  - Easy MSI package creation

- Mesh grille
- Top net
- Windscreen
- Microphone
- Microphone case
- Microphone frame
- Shock absorber

Due to its symmetrical and ergonomic design the handling of the DR series is exceptionally comfortable – not even hours of use will cause fatigue (a left or right hander)

See what you say in real time: use voice recognition instantly and efficiently<sup>3</sup>

A man in a dark suit and blue tie is looking down at a handheld device. The device's screen shows 'OLYMPUS', '05:46', and '04.10.'. The background is a blurred office setting with other people.

# Create your document on the go, using your speech.

No need for a keyboard, or a typist. Just use your voice – whenever and wherever.



#### Full flexibility

With their vast array of functions and accessories, audio codecs, up to 20 work types, long-lasting batteries and much more, the new DS devices can be customised to suit any purpose in any IT environment. Every feature can be configured easily using a separate software application.

#### Ergonomic design

Set-up, recording and editing are now easier than ever with the new DS devices. The DS-7000's slide switch makes dictation even more comfortable, dictation tags help simplify speech processing and the large colour LCD can be read at a glance.

#### Reinvented microphones

The outstanding 10-mm microphone and the DSS Pro audio codec are excellent for speech recognition and transcription performance. This has been certified by Nuance with 5 Dragons for maximum accuracy.

#### Easy editing

Creating texts by merely speaking is more than just recording. The voice navigation allows quick file editing (insert, overwrite, append) and using meta information to facilitate collaboration and automatic processing.

#### One-thumb operation

Decades of voice recording have proven that the slide switch makes recording comfortable and fast. The ergonomic slide switch is an excellent, classic user interface that allows single-handed and blind operation. This and features like the big 2" colour TFT-display are in line with Olympus' philosophy to provide an unrivalled usability.

#### Individual configuration

Olympus professional dictation devices turn you, your colleagues and your IT team into a profitable unit. To achieve this ambitious target we have designed both our hardware and software to meet your individual needs. Due to its ergonomic and intuitive design, mobile recorders like the DS-7000 and the DS-3500 are authors' first choice tools in a professional environment.

#### Secured data

Olympus digital voice recorders support 256-bit or 128-bit real-time file encryption (AES – Advanced Encryption Standard). This means that dictations are protected against any unauthorised access. Only authors and typists who know the particular password can open an encrypted dictation. Additionally, the device can be locked with a personal four-digit PIN. Without the PIN nobody can start the device or access the data.

# The mobile DS series at a glance.

**DS-7000**

Speech-optimised microphone for dictations with superior quality

Large 2", full-colour display (65,000) with LED backlight

3 individually customisable pre-settings ensure a smooth transition

Up to 10 author IDs and 20 work types, as well as a distinct file structure

3 programmable buttons for individual user needs

One-thumb menu navigation

External SD-card slot

Earphone jack

External stereo-microphone jack, perfect for recording conferences and interviews

Internal memory

Tough full-metal body

**DS-3500**      **DS-7000**

NEW button to start new dictation

Easy operation control via pushbuttons

Precise four-position slide switch for full control in your palm

# Support on the go.

Standard USB port for fast dictation transfer and battery charging

Docking station for charging and data transfer, can be connected with a footswitch for handsfree operation (recording/playback)

Up to six ME-33 boundary microphones can be linked and cascaded to enable stereo recordings (use in combination with DS-3500 recommended)

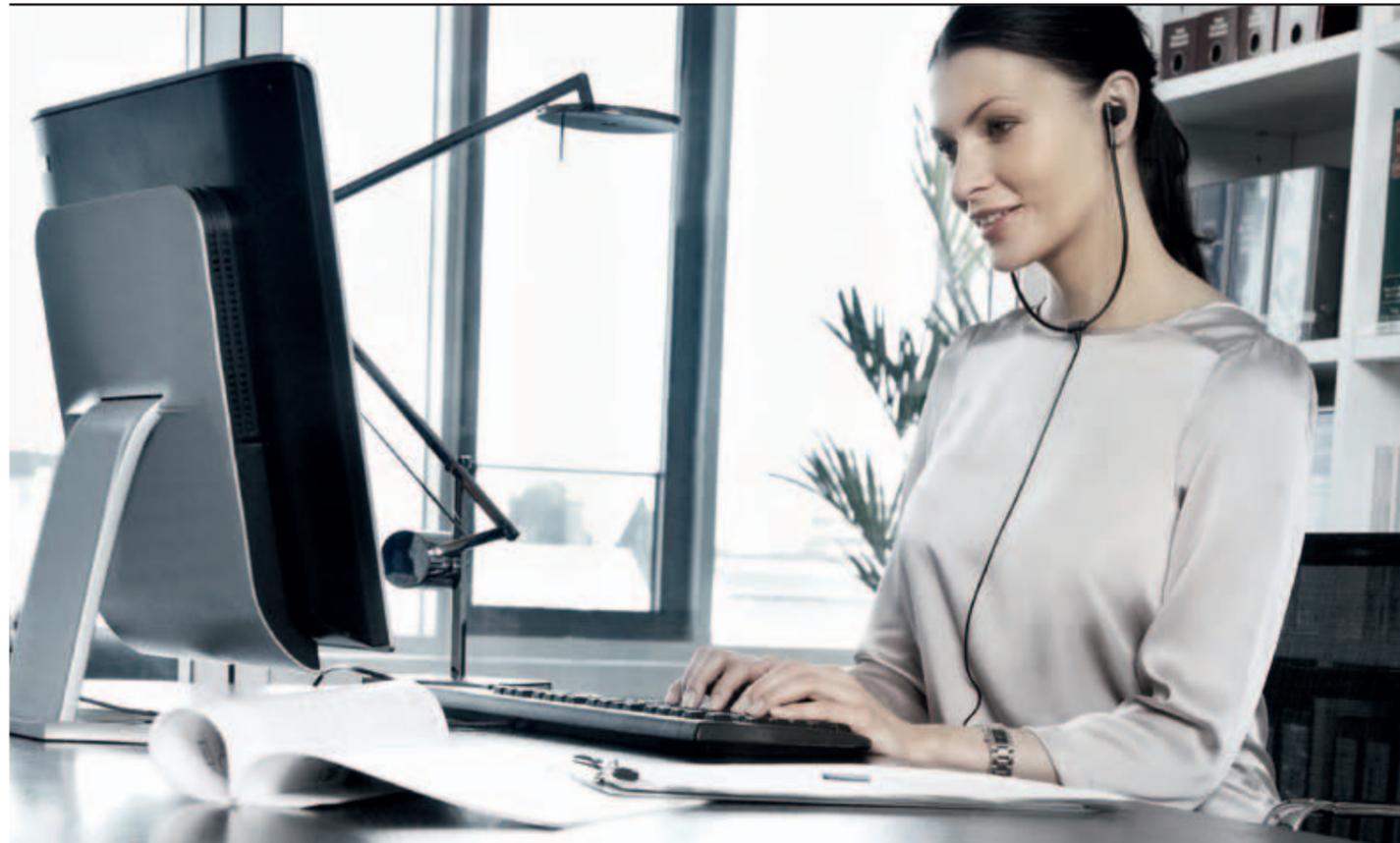
This highly sensitive, noise-cancelling and unidirectional mono microphone ME-52W can focus on and record the user's voice only; equipped with a tie-clip

TP-8 Telephone pickup microphone captures both sides of a telephone conversation

Leather carry case for optimal protection on the move

## Good to know for administrators:

- Extremely tough housing and reliable slide switch
- ODMS for administrators<sup>4</sup> enables:
  - Lockable device settings
  - Device sharing via multi-author mode



# Advanced and fast transcription technology.

Olympus' transcription tools are a key success factor for your professional dictation system – they have been designed for ease-of-use to meet heavy-duty requirements.



### Earphones E-102

This high-quality stereo headset allows convenient PC-based transcriptions and a maximum of speech comprehensibility in noisy surroundings. It has an extra-long wire to connect it to the sound card of your PC and is available in two different shapes for maximum individual comfort. And what's more the E-102 is very easy to put on and take off without ruining your hairstyle.



### Footswitch RS-31

The four-pedal (3+1) footswitch allows hands-free control of the Olympus transcription software. By using the pedals, a dictation can be recorded, stopped, fast-forwarded or rewound. The RS-31 also comes with lockable and customisable buttons and a USB connector.



### Footswitch RS-28

The ideal tool for all typists: it allows hands-free dictation and control of Olympus transcription software. Simply use the three-pedal footswitch to record, rewind, fast-forward and much more. Equipped with a USB connector.



### Footswitch RS-50

With exceptionally strong mechanics, the RS-50 is ideal for hands-free dictation in medical environments as it comes with shock-resistant pedals and an aluminium console that is waterproof and resistant against disinfection liquids.



### Transcription Kit AS-7000

The perfect solution for all typists: it not only transforms recordings into documents but can also transcribe more than one recording at the same time and produce multiple-format playbacks. The AS-7000 includes the ODMS transcription module, the stereo headset E-62 and the Footswitch RS-31 and allows automatic dictation routing via email and FTP as well as supporting virtual environments.

Other accessories are available from [www.olympus-europa.com](http://www.olympus-europa.com)



MAIN FEATURES	DS-7000	DS-3500
Slide switch for blind operation	•	—
Button operation	•	•
2" TFT colour display	•	•
Dictation editing (insert, overwrite, append)	•	•
DNS score for maximum accuracy	5 Dragons	5 Dragons
Docking station	•	optional
External SD-card slot	•	•
Internal memory	•	•
Li-Ion battery rechargeable via USB	•	•
DSS Pro file encryption (256 bit)	•	•
Device-lock function	PIN (4 digits)	PIN (4 digits)
Programmable buttons	•	•
Configurable using software	•	•
Upright stand recording with voice activation	•	•
Dedicated recording voice commands	•	•
Quick start-up time	•	•
<b>APPLICATION AREAS</b>		
Mobile dictation without PC <sup>5</sup>	■	■
Desktop dictation/operate like USB microphone <sup>6</sup>	□	□
<b>WORKFLOW SETTING</b>		
Multi-user application (# author ID's)	10	10
Work types	20	20
Option items	•	•
Priority levels	Yes/no	Yes/no
Folders	7	7
<b>TECHNICAL DATA</b>		
Capsuled microphone	10mm	10mm
Battery life (SP)	21 hours	21 hours
Exterior dimensions	114.5 x 49.8 x 17.5mm	114.5 x 49.8 x 17.5mm
Headphone jack	stereo, 3.5mm, 2kΩ	stereo, 3.5mm, 2kΩ
Microphone jack	stereo, 3.5mm, 5kΩ	stereo, 3.5mm, 5kΩ

MAIN FEATURES SOFTWARE	ODMS - dictation module	ODMS - transcription module
Customisable dictation overview	•	•
Filter function to find your dictation easily	•	•
Workflow support together with Dragon NaturallySpeaking <sup>7</sup>	•	•
Recorder	•	—
Rules for automatic dictation routing	•	•
Send dictation by email or FTP manually	•	•
Automatically receive document via email/FTP	•	•
Individual folder names	•	•
DSS Pro file decryption and encryption	•	•
Playback of several audio codecs	•	•
Device configuration	•	•
Instruction comment playback	•	•
Real-time/background speech recognition	•/•	—/•
Acoustic and vocabulary adaption <sup>8</sup>	• <sup>8</sup>	• <sup>8</sup>
Support of Citrix and Windows terminal server	• <sup>9</sup>	• <sup>9</sup>
Central administration	• <sup>9</sup>	• <sup>9</sup>
<b>INSTALLATION MODES</b>		
Standalone mode/workgroup mode	•/• <sup>9</sup>	•/• <sup>9</sup>
<b>WORK MODES</b>		
Classic, automatic <sup>9</sup> , advanced <sup>9</sup> transcription	•	•



MAIN FEATURES	DR-2300/DR-2200	DR-2100	DR-1200
Barcode support (barcode scanner SC1)	special supply just for DR-2300	—	—
Mouse control via trackball	•	—	•
Slide-switch operation	•	•	—
Button operation	•	•	•
Dedicated keys for fast dictation (e.g. NEW, Insert/overwrite)	•	•	•
Built in low-noise directional microphone (10-mm Ø)	•	•	•
DNS score for maximum accuracy	5 Dragons	5 Dragons	5 Dragons
Function keys	4	4	4
Trigger button on the back	•	•	•
Volume control	•	•	•
Integrated loudspeaker (28-mm Ø)	•	•	•
Ergonomic and robust housing	•	•	•
Right and left-handed support	•	•	•
Multicolour LED	•	•	•
Programmable buttons	•	•	•
<b>RECOMMENDED APPLICATION AREAS</b>			
Classic digital dictation	■	■	□
Background speech recognition	■	■	□
Real-time speech recognition	□	□	■
<b>TECHNICAL DATA</b>			
Thin-client support <sup>10</sup>	•	•	•
Fixed and durable USB cable	2.5m	2.5m	2.5m
Strong ESD resistance	•	•	•
Low-power USB interface	Audio/HID class	Audio/HID class	Audio/HID class
Exterior dimensions	154 x 44.6 x 31.6mm	154 x 44.6 x 31.6mm	154 x 44.6 x 31.6mm
Weight	201 g	183 g	201 g
Can be integrated via SDK <sup>11</sup>	•	•	•

The latest specifications and further accessories are available from [www.olympus-europa.com](http://www.olympus-europa.com)

• Included — Not included ■ Recommended □ Possible 5 Useful for background speech recognition 6 Useful for real-time speech recognition 7 Tested with Version 11.5/11/10 SP1 of Dragon NaturallySpeaking Professional  
 8 Dragon Naturally Speaking Professional must be installed 9 ODMS for administrators CD-ROM necessary 10 Requires Citrix / TS virtual drivers. For this environment, the system must be installed in workgroup mode.  
 Admin CD needed. Not included 11 SDK not included



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