

# DS-9500 / DS-9000

- Intelligent 2 microphone system
- Precise 4 position slide switch
- 2.4" full color display (260,000 colors)
- 256 bit file encryption with DSS Pro audio codec
- Dictation Transfer and Device Configuration via WiFi\*
- Flexible dictation tagging (with DSS Pro)
- Impact-resistant body up to 1.5m high
- Inclusive ODMS R7 software



## Mobile Dictation anytime anywhere with WiFi\*

You decide when, where and how you dictate. Two microphones ensure flawless speech quality in every situation. Use the integrated WiFi\* to share your dictation instantly with your secretary or speech recognition software. Just connect your DS-9500 with your smartphones' hotspot or WLAN router in your office and send your dictation right after you have finished it. The integrated microphones allow you to record in high quality stereo to record conference or interviews. Besides, the second microphone can be used to suppress background noises so that the main microphone can focus with a high directionality to the speaker's voice. By this means your are enabled to create dictations as well for speech recognition anytime anywhere - both in quite and noisy environments.

\*WiFi with DS-9500 only

## Specifications

### USB functionality

USB Speed	USB 2.0 High Speed
USB Classes	USB Audio class (Full Duplex) Storage Class (High Speed)
USB connection type	Type B (micro USB)

### Display

Display Type	Full colour TFT display
Resolution	240 x 320 pixels
Display Size	36.72 x 48.96mm / 2.4"
Display Backlit	LED (White)

### Device operation

Main Switch	Slide Switch
Push Buttons	10
Programmable button	F1 - F3
Power switch	Available
New button	Available

### Microphone System

Omni directional	2 x
Pop Filter	3 layers
Diameter	8mm
Internal microphones	50 - 15000Hz

### Recording Modes

Recording format	DSS Pro + DSS, Linear PCM, MP3
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### Sampling frequency

DSS Pro	16kHz (QP)
	12kHz (SP)
DSS	12kHz
PCM	22.05kHz (Stereo / Mono)
MP3	44.1kHz (Stereo) / 128kbps
	44.1kHz (Mono) / 64kbps

### Frequency response

DSS Pro	200 - 7000Hz (QP)
	200 - 5000Hz (SP)
DSS	200 - 5000Hz
PCM	(Stereo / Mono) / 50 - 8000Hz
MP3	128kbps (Stereo) / 50 - 15000Hz
	64kbps (Mono) / 50 - 13000Hz

### Record function

Intelligent Two Microphone System	Available
Built-In Microphones	2x Omni-directional
Recording Monitor	Available (variable)
Mic Modes	Dictation 1 (for quiet environments)
	Dictation 2 (high directionality for noisy environments)
	Conference (Stereo + Intelligent Auto Mode)
Mic Sensitivity	High / Middle / Low
VCVA	Available (adjustable)

#### Dictation features

Editing	Overwrite
	Append Record
	Insert*
	Partial Erase*
	Editing only for DSS / DSS PRO / WAV
	* Insert in WAV only with DS-9000 & DS-2600; Partial Erase only with DSS / DSS Pro
Voice Command	Available (only DSS / DS2)
Index	Up to 32 per file
Hands-free recording	Available *
Hands-free transcription	Available *
	* with CR21/CR15 & RS31H/RS28H

### Playback function

Playback speed	Slow (x0.5) / Normal / Fast (x1.5)
File operation	Forward / Reverse Skip
	Fast forward and rewind
	Skip Playback

### Data organisation

Folders	7
Files per folder	200
Folder names changeable	Available
Clock synchronization with PC	Available

### Workflow function

Author IDs	10
Worktypes	Available 20
Option items	10
Priority	Available
Pending	Available

## Storage Media

Internal memory	2GB (NAND Flash)
External SD/SDHC	Available (4 - 32 GB)
Card slot	

## Compatible Software

ODMS	Version 7 (or higher)
DSS Player for Mac	Version 7.6 (or higher)
	Note: WiFi functionality not supported
Third party software	Check supported audio file formats by third party software

## Interfaces Input

PC interface	USB cable and docking station
Microphone jack	3.5 $\emptyset$ mm jack, impedance 2 k $\Omega$ .

## Interfaces Output

Max. working output	320mW
Maximum headphone output	$\leq$ 150 mV (conforms to EN 50332-2)
Speaker size	11 x 15mm
Speaker design	Closed chassis
Speaker type	Dynamic
Earphone jack	3.5 $\emptyset$ mm mini-jack, impedance 8 $\Omega$ or more

## Connections

Docking station connector	Available (CR21 / CR15)
Microphone jack	3.5mm (2 k $\Omega$ )
Earphone jack	3.5mm (8 $\Omega$ or more)
<b>WLAN / LAN</b>	*
WLAN standards	IEEE802.11 b/g/n/a/ac
Security	WEP, WPA/WPA2 Personal / Enterprise
SAR	1.16W/kg SAR quantifies the maximum level of exposure of the user to electromagnetic waves, when using the device close to the head. SAR shall not exceed 2W/kg in accordance with regulations of France.
LAN	Available ** * Only DS-9500 ** Only DS-9500 with CR21
Sending dictations	To shared network folder Via Email

## Power Supply

Power source	Battery: LI-92B Rechargeable Lithium-Ion battery
Battery capacity	1350mAh
Exchangeable	Available
Charging time	Approx. 2h (Olympus AC Adapter) 4h (via USB)
<b>Max. Battery Life</b>	Recording: Approx. DS-9500 / DS-9000
DSS	QP 9h / 48h SP 9.5h / 52h
PCM	Stereo 10.5h / 54h Mono 10.5h / 56h
MP3	Stereo 10h / 52h Mono 10h / 55h
Power-Save	Available
Motion Sensor	Available
<b>External power supply</b>	
External AC adapter	A517, F-5AC
Standard voltage	3.6V

## Dimensions / Weight

Height	120.8mm
Width	49.8mm
Depth	18.6mm
Weight	116.5g (incl. battery)

## Exterior

Housing colour	Black
Shock resistant	1.5m (based on Olympus' standard testing procedure)
Housing material	Plastic
LED	Multi-Colour
Alcohol wipe resistance for disinfection	Ethanol (76.9 - 81.4 v/v%) Isopropanol (70 v/v%)

## Environment

Temperature	0 - 42°C (operation) / 5 - 35°C (charging)
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## Languages

Menu languages	CS, DA, DE, EN, ES, FR, IT, NL, PL, SV, RU
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## Hardware Security

Device lock by PIN code	Available
Lock single files	Available
256 Bit AES file encryption	Available (only DSS Pro)
DLP - Data Loss Prevention	Available

## Operating Systems & Requirements

Windows	Windows 7/8.1/10
Macintosh	Mac OS X 10.10 - 10.13

## Available accessories

Docking station	CR21, CR15
Microphone	ME15
Foot-/ Hand controller	RS31H
Telephone Pick-Up	TP8
Li-Ion rechargeable battey	LI-92B
AC Adapter	A517

## Recommended Application Area

Application	Dictation Interviews Meetings Speech-to-text
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