

# WS-853

- 8GB memory plus microSD card slot
- Built-in stereo microphones
- Intelligent AUTO Mode
- Low Cut-Filter
- Retractable USB with battery charge
- Voice Balancer
- Simple Mode
- 5 folders for file storage, 200 messages per folder



## Detailed voice recordings in all situations

From soft to loud voices at meetings or in seminars, you'll hear everyone on your audio recording in an even volume with the WS-853 digital voice recorder. This high-quality device uses a built-in, low-noise stereo microphone to capture all speakers – and best of all, its Intelligent Auto mode adjusts the recording level automatically so you don't miss a thing. At the same time, the Noise Cancel function cancels out unwanted ambient sound to provide crisper, clearer playback quality. Thanks to the WS-853's Simple Mode, beginners experience simplified use. Yet advanced users don't miss out: this voice recorder also offers Normal Mode for more customised audio capture.

## Specifications

### Storage Media

Internal / Removable Media	Internal + Removable
microSD / microSDHC card	Yes (up to 32GB)
Internal memory	8GB

### USB functionality

Direct USB Connection	Yes
USB Speed	USB 2.0 High Speed
USB Classes	USB Storage class

### Display

Display colour	White
Display Size	29 x 29mm / 1.61"
Display Type	Full Dot Matrix Display (108 x 84 dots)
Font size setting	Yes

### Device operation

HOLD switch	Yes
Power switch	Yes

### Recording Modes

Recording format	MP3
128 kbps	130h
64kbps	260h (mono)
8kbps	2080h (mono)
Maximum Recording Time	2080h (MP3, 8kbps)

### Playback Modes

Playback format	MP3
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### Sampling frequency

MP3	44.1kHz 8 - 128kbps
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### Frequency response

MP3	128kbps / 40 - 17000Hz
	64kbps / 40 - 15000Hz
	8kbps / 40 - 3500Hz

## Record function

Operation	
Index	Up to 99 per file
Auto recording	VCVA (Variable Control Voice Actuator) Voice Sync
Recording Scenes	Meeting Conference Dictation Speech-Recognition Telephone recording Duplicate
Advanced recording	Low Cut-Filter

## Playback function

Playback speed	Adjustable (50 - 200%)
File operation	Forward / Reverse Skip Fast forward and rewind
File selection	File Playback Folder Playback
Repeat functions	Repeat playback A-B repeat playback
Sound enhancement	Voice Balancer Noise Cancel
Playback Scenes	

## Data organisation

Erase	Erase single files Erase all files
No. of folders	5
Files per folder	200
File divide	Yes (Only MP3 files)
Calendar Search	Yes

## Other Features

Beep signal (system sound)	Yes
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## Software

Corresponding Audio software	Olympus Sonority (optional)
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## Interfaces Input

Microphone sensitivity / gain	High / Low / Intelligent Auto
PC interface	USB Storage class
Microphone jack	Yes
Microphones	Built-in stereo microphones (Directional)

## Interfaces Output

Speaker Diameter	Built-in ø 20 mm round dynamic speaker
Max. working output	250mW
Earphone jack	Yes

## Power Supply

Power Supply	Battery: 2 x AAA
Alkaline battery life	Recording: 110h (LP mode) Playback: 90h via earphones

## Dimensions

HxWxD	111.5 x 39 x 18mm
Weight	77g

## Exterior

Housing colour	Black
Housing material	Plastic

## Languages

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

Lock single files	Yes
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## Operating Systems & Requirements

Windows	Microsoft Windows Vista /7/8/8.1
Macintosh	Mac OS X 10.5 - 10.9