

WS 833

- 8GB memory plus microSD card slot
- FM Radio Tuner & Recorder
- Built in stereo microphones
- Voice Playback
- High quality WMA/MP3 music playback
- Retractable USB connector
- Voice Balancer
- Voice Changer



The high end full spec business tool

With a host of functions and the ability to deliver high quality recording every time, the WS 833 is a smart, efficient and essential tool for business. The built in low noise stereo microphone in 90° angle captures the directions and distances of speakers and creates a superb stereo feeling. Efficient transcription is supported by the Voice Playback function which cuts out all non voice parts and plays back only essential parts of a recording. With its built in USB connector you have the added convenience of exchanging recordings or presentation data just like using a USB stick.

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 Composite device USB Storage class

Display

Display colour	White
Display Backlight	LED (White)
Display Size	27.56 x 23.9mm / 1.43"
Display Type	Full Dot Matrix Display (108 x 84 dots)

Device operation

Main Switch	Push
HOLD switch	Yes
Power switch	Yes

Recording Modes

Recording format	PCM (WAV) / MP3 / WMA
WMA format	
HQ	505h
LP	1980h
MP3 format	
256 kbps	65h
128 kbps	130h
PCM (WAV) format	
44.1kHz / 16bit	11h 30min
Maximum Recording Time	1980h (LP mode)

Playback Modes

Playback format	PCM (WAV) / MP3 / WMA
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Sampling frequency

HQ	44.1kHz / 32kbps
LP	8kHz / 8kbps
MP3	44.1kHz / 128 256kbps
PCM	44.1kHz / 16bit

Frequency response

MP3	256kbps / 40 - 20000Hz
	128kbps / 40 - 17000Hz
PCM	44.1kHz / 40 - 21000Hz
WMA	HQ / 40 - 13000Hz
	LP / 40 - 3000Hz

Record function

Operation	
Index	Up to 99 per file
Auto recording	VCVA recording Voice Sync
Recording Scenes	Meeting Conference Lecture Dictation Speech-Recognition
Sound control	Manual Rec level control Zoom Mic. Setting Low Cut-Filter

Playback function

Playback speed	Adjustable (50 - 350%)
File operation	Forward / Reverse Skip Fast forward and rewind
File selection	File Playback Folder Playback All Files Playback
Repeat functions	Repeat playback A-B repeat playback
Automatic playback	Random playback
Sound enhancement	Voice Changer Voice Balancer Equalizer Noise Cancel
Advanced Play	Voice Playback
Playback Scenes	Transcription Language Study

Data organisation

Erase	Erase single files Erase all files Music folders
No. of folders for Voice	5
Folder Music	max. 300
Files per folder	200
File move	Yes
File Copy (Folder to Folder)	Yes
File Replace	Yes
File divide	Yes (Only MP3 and WAV files)
Calendar Search	Yes

Other Features

FM Radio Tuner & Recorder	Yes
Beep signal (system sound)	Yes

Software

Corresponding Audio software (name)	Olympus Sonority
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Interfaces Input

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

Interfaces Output

Speaker Diameter	Built in ø 18 mm round dynamic speaker
Max. working output	150mW
Earphone jack	Yes

Power Supply

Power Supply	Battery: 1 x AAA
Alkaline battery life	Recording: 37h (LP mode) Playback: 30h via earphones
Internal Charging	AC / USB
	Note: Internal charging operable only with Olympus rechargeable batteries. AC adapter and cradle are optional items.

Dimensions

HxWxD	101 x 40.6 x 15.1mm
Housing colour	Black
Housing material	Plastic
Weight	54g

Languages

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

Lock single files	Yes
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Operating Systems & Requirements

Windows	Windows XP (SP2 or later), Windows Vista, Windows 7, Windows 8
Macintosh	Mac OS X 10.5 10.9