

LS-P2 Black

- TRESMIC 3 microphone system captures superb bass sound with a natural stereo feeling
- Extremely compact build does not compromise on clear sound quality or cutting-edge features
- Normalises the recording to ensure dynamic songs and sound wherever you record
- Bluetooth connectivity gives you flexibility to hook up an external speaker or headphones
- Linear PCM recording up to 96kHz/24 bits for better than CD-quality audio
- For the best in stereo recording



Ultimate compact music-taker

Slip it into your pocket or handbag. Use it for better-than-CD quality recording of your own music, for high-quality recording of nature sound or interviews. The LS-P2 audio recorder has the unique TRESMIC 3 microphone system for natural stereo and superb bass sound wherever you may be. The powerful technology on the inside is encased in a sleek metal body on the outside - making the stylishly compact LS-P2 a PCM recorder that you'll enjoy using with every press of the intuitive buttons. The integrated Bluetooth connection lets you turn the recorder into a music player for listening to songs with Bluetooth headphones. Along with the Direct USB stick for convenient storage and transfer of files as well as additional features, it is yet another must-have feature.

Specifications

Storage Media

Internal / Removable Media	Internal + Removable
External Memory (Slot)	microSD card / SDHC card (512 MB - 32 GB)
Internal memory	8GB

USB functionality

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

Display

Display Type	Full Dot Matrix Display (108 x 84 dots)
Display Size	27.5 x 23.9mm / 1.43"
Display colour	White
Display Backlit	LED (White)

Device operation

Main Switch	Push
HOLD switch	Yes
Power switch	Yes

Microphone System

TRESMIC (3 Mic System)	Yes
Max. Sound Pressure	120dB SPL

Recording Modes

Recording format	PCM (WAV) / MP3
PCM (WAV) format	
96kHz / 24bit	3h 30min
88.2kHz / 24bit	3h 45min
48kHz / 16bit	10h 30min
44.1kHz / 16bit	11h
44.1kHz (Mono)	22h 30min
MP3 format	
320 kbps	50h
128 kbps	126h
64 kbps (Mono)	253h

Playback Modes

Playback format	PCM (WAV) / MP3
-----------------	-----------------

Frequency response

	88.2kHz / 20 - 42000Hz
	48kHz / 20 - 23000Hz
	44.1kHz / 20 - 21000Hz
	44.1kHz (mono) / 20 - 21000Hz
	128kbps / 20 - 17000Hz
	64kbps (mono) / 20 - 13000Hz
Internal microphones	20 - 20.000Hz
PCM	96kHz / 20 - 44000Hz
MP3	320kbps / 20 - 20000Hz

Record function

Index	Up to 99 per file
Auto recording	VCVA (Variable Control Voice Actuator) Voice Sync
Recording Scenes	Meeting Conference Lecture Dictation Speech-Recognition Music
Advanced recording	Rec Monitor Manual Rec level control Low Cut-Filter Zoom Mic. Setting

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 Balancer Equalizer Noise Cancel
Advanced Play	Voice Playback

Data organisation

Erase	Erase single files Erase all files Music folders Partial (PCM only) Trimming (PCM only)
No. of folders	5
Folder Music	max. 300
Files per folder	200
File move	Yes
File Copy (Folder to Folder)	Yes
File Replace	Yes
File divide	Yes
Calendar Search	Yes
Normalize	Yes

Other Features

Remote Control	Yes (via Bluetooth App for Android)
Voice guidance	Yes

Interfaces Input

Microphone jack	3.5 \emptyset mm mini-jack, impedance 2 k Ω
Microphone sensitivity / gain	High / Middle / Low/ Intelligent Auto
PC interface	USB Storage class

Interfaces Output

Max. working output	150mW (8 Ω speaker)
Maximum headphone output	3 mW + 3 mW
Speaker Diameter	Built-in \emptyset 18 mm round dynamic speaker
Earphone jack	3.5 \emptyset mm jack, impedance 8 Ω or more

Power Supply

Power Supply	Battery: 1 x AAA
Alkaline battery life	Recording: 39h Playback: 31h via earphones
Internal Charging	AC / USB
	Note: Internal charging operable only with Olympus rechargeable batteries. AC-adaptor is an optional item.

Dimensions

Height	108.9mm
Width	39.6mm
Depth	14.4mm
	-
Weight	75g (incl. battery)

Exterior

Housing material	Metal
------------------	-------

Languages

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

Operating Systems & Requirements

Windows	Operating system: Windows Vista/7/8/8.1/10
Macintosh	Operating system: Mac OS X 10.5 - 10.10

Recommended Application Area

Application	Music Video Nature Broadcasting
-------------	--