



# LSseries LS-P1



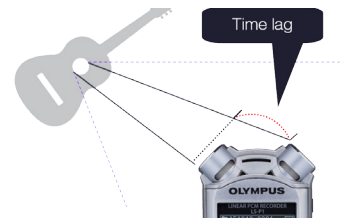
\*1. Requires optional AC adapter. \*2. Requires bundled tripod adapter.

Advanced technology in a robust, compact size. Take your Hi-Res Audio Recorder with you, everywhere you go.

## Product features

### Natural stereo sound with 90° outward-facing stereo microphones

To get the most out of essential specifications like frequency response and directional characteristics, design focus was placed on microphone casing size and the shape of openings. The 90° outward-facing microphone units on the left and right achieve a stereo sound with a natural ambience.



### Linear PCM quality with convenient recording functions

The LS-P1 supports linear PCM recording at bit rates up to 24 bits and sampling frequencies as high as 96 kHz – far surpassing the 44.1kHz/ 16 bits of CD-quality audio. The new zoom microphone mode adjusts the recording level higher according to the zoom, while the manual recording level settings and limiter function allow you to fine-tune the recording level to suit your needs.



### High quality, compact metal body

With a robust design, that exudes a strong, classy style, and a compact size that easily fits in your pocket, the LS-P1 is suitable for a wide range of situations, from outdoor activities to concerts, ensuring that you will never miss a sound. The recorder also has a built-in USB connector, for convenient transfer of data and charging while on the go.



### Direct PC connection without a cable

The built-in USB connector can be easily deployed and stored using the slide lever. With this feature, you can connect directly to a computer without using a cable or software. Not only can you save and share your recordings; the LS-P1 can also be recharged via USB without having to remove the battery, and the recorder can also be used as a USB memory device.



**OLYMPUS**

## Specifications

General		
Stereo / Mono (Built-in microphone)	90°Directional stereo microphone	
Recording Format	PCM (WAV) / MP3	
Max. Sound Pressure Level	120dB SPL	
Internal Memory	4GB	
External Memory	microSD (Max. 32GB)	
PC Connectivity	Direct USB 2.0 High Speed	
Plug-In Power	✓	
Recording		
Microphone Sensitivity	Hi/Mid/Lo/Auto	
Manual Recording Level Setting	✓	
Limiters / Compressor	✓	
Zoom Microphone	✓	
Voice activated recording	VCVA (Variable Control Voice Actuator) / Voice Sync	
Low-cut filter	✓	
Internal microphone frequency range	60Hz-20kHz	
Overall frequency response		
PCM (WAV)	96kHz	20-44,000Hz
	88.2kHz	20-42,000Hz
	48kHz	20-23,000Hz
	44.1kHz	20-21,000Hz
MP3	44.1kHz mono	20-21,000Hz
	320kbps	20-21,000Hz
	128kbps	20-17,000Hz
MP3	64kbps mono	20-13,000Hz
	320kbps	20-21,000Hz
	128kbps	20-17,000Hz
64kbps mono	20-13,000Hz	
Recording time		
PCM (WAV)	96kHz	1hr 30min
	88.2kHz	1hr 45min
	48kHz	5hr
	44.1kHz mono	5hr 30min
MP3	44.1kHz mono	11hr
	320kbps	24hr 30min
	128kbps	61hr
64kbps mono	123hr	
Playback		
Voice balancer	✓	
Playback Speed Control	3.5X - 0.5X	
A-B Repeat	✓	
Noise Cancel	✓	
Others		
Recording & Playback Scene Select	✓	
File Divide	✓	
Partial Erase	✓ (PCM)	
Index Marks	✓ (Up to 16 per file)	
Calendar Search	✓ (Date search)	
Power requirements	AAA alkaline battery x2, or AAA Ni-MH rechargeable battery x2	
Battery life - Recording	39hr	
Battery life - Playback	31hr (Earphone)	
Internal Battery Charge	✓	
Speaker / Maximum output	Built-in ø18mm round dynamic speaker / 150mW	
Dimensions (HxWxD)	108.9 x 39.6 x 14.4mm	
Weight (including batteries)	75g	

Specification and design are subject to change without notice

## Accessories (included)

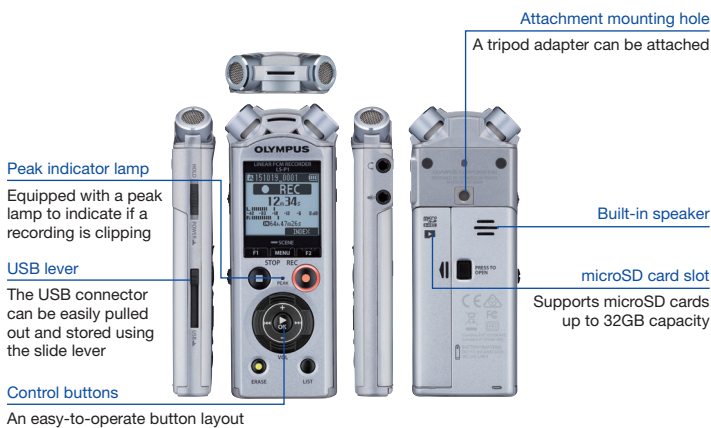


1. AAA Ni-MH rechargeable battery x 2 (BR-404)



2. Tripod Adapter (TR2)

## Features



## Typical Examples

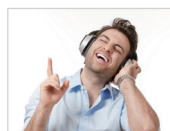


Music practice

Choir practice

Sampling recording

Band rehearsals



Over dubbing



Kids recitals