

# LS-P5

- 96kHz/24bit High Resolution Sound
- 125dB SPL Sound Pressure
- Up to 37 hours battery life
- Intelligent Auto, Manual and Smart sound level control
- 3Mic Zoom 21 Levels
- Bluetooth Headphone Monitoring
- Up to 20,000Hz Frequency Response
- Bright Sound Mode



## ALL-IN-ONE High Resolution Audio

The OM SYSTEM LS-P5 Linear PCM Recorder offers professional filmmakers, YouTube enthusiasts, musicians, Students and Journalists the sound quality and versatility that the LS Series of audio recorders is renowned for – in a compact and robust design making it the ideal companion as stand-alone recorder or a camera microphone.

## Specifications

### Recommended Application Area

|             |              |
|-------------|--------------|
| Application | Video        |
|             | Music        |
|             | Nature       |
|             | Broadcasting |
|             | Interviews   |
|             | Lectures     |

### USB functionality

|                       |                     |
|-----------------------|---------------------|
| Direct USB Connection | MicroB Cable        |
| USB Speed             | USB 2.0 High Speed  |
| USB Classes           | USB Storage Class   |
|                       | USB Composite Class |

### 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  | Available |
| Power switch | Available |
| RemoteApp    | Available |

### Microphone System

|                        |                                 |
|------------------------|---------------------------------|
| TRESMIC (3 Mic System) | Version II (3 directional mics) |
| Max. Sound Pressure    | 125dB SPL (1% distortion)       |

### Recording Modes

|                  |                        |
|------------------|------------------------|
| Recording format | FLAC / PCM (WAV) / MP3 |
|------------------|------------------------|

#### PCM (WAV) format

|  |                 |
|--|-----------------|
|  | 96kHz / 24bit   |
|  | 88.2kHz / 24bit |
|  | 48kHz / 24bit   |
|  | 48kHz / 16bit   |
|  | 44.1kHz / 24bit |
|  | 44.1kHz / 16bit |
|  | 44.1kHz (Mono)  |

#### FLAC

|  |                 |
|--|-----------------|
|  | 96kHz / 24bit   |
|  | 88.2kHz / 24bit |
|  | 48kHz / 24bit   |
|  | 48kHz / 16bit   |
|  | 44.1kHz / 24bit |
|  | 44.1kHz / 16bit |
|  | 44.1kHz (Mono)  |

#### MP3 format

|  |                |
|--|----------------|
|  | 320 kbps       |
|  | 128 kbps       |
|  | 64 kbps (Mono) |

### Playback Modes

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

## Record function

|                    |  |
|--------------------|--|
| Index              | Up to 99 per file  |
| Auto recording     | VCVA (Variable Control Voice Actuator)<br>Voice Sync<br>2-mic Noise Cancel*<br>Timer recording<br>* Support in Rec Scene Select  |
| Recording Scenes   | Music<br>Dictation<br>Meeting<br>Conference<br>Noisy situation<br>Lecture<br>Speech-Recognition<br>Custom 1<br>Custom 2  |
| Advanced recording | Rec Monitor<br>Manual Rec level control<br>Recording level setting (external mic)<br>Pre-recording function<br>Low Cut-Filter<br>Zoom Mic. Setting<br>Overdubbing<br>Slate tone<br>Test tone |
| Editing            | Fade in/out (PCM)<br>Normalize (PCM/MP3)   |

## Playback function

|                    |  |
|--------------------|--|
| Playback speed     | Adjustable (50 - 350%)   |
| File operation     | Forward / Reverse Skip<br>Fast forward and rewind                                    |
| Playback control   | Intro Play   |
| File selection     | File Playback<br>Folder Playback<br>All Files Playback                               |
| Repeat functions   | Repeat playback<br>A-B repeat playback   |
| Automatic playback | Random playback  |
| Sound enhancement  | Voice Balancer<br>Equalizer<br>Noise Cancel<br>Bright Sound Effect (while recording) |
| Advanced Play      | Voice Playback   |

## Data organisation

|                              |   |
|------------------------------|---|
| Erase                        | Erase single files<br>Erase all files<br>Music folders<br>Partial (PCM only)<br>Trimming (PCM only) |
| Folders                      | 5   |
| Folder Music                 | max. 300  |
| Create folder                | Template / Original *   |
| Files per folder             | 200   |
| Edit folder name             | Template / Original *   |
| File move                    | Available   |
| File Copy (Folder to Folder) | Available   |
| Edit file name               | Template / Original *   |
| File Replace                 | Available   |
| File divide                  | Available   |
| Calendar Search              | Available   |
| Normalize                    | Available<br>*using app   |

## Other Features

|                |  |
|----------------|--|
| Remote Control | Available (DVR.Remote Smartphone App via Bluetooth for Android / iOS)<br>Bluetooth Headphone Monitoring<br>Bluetooth Smartphone Control (parallell operation via app possible) |
|----------------|--|

## Storage Media

|                            |                      |
|----------------------------|----------------------|
| Internal / Removable Media | Internal + Removable |
| External Memory            | microSDHC/microSDXC  |
| Internal memory            | 16GB                 |

## Interfaces Input

|                               |   |
|-------------------------------|---|
| LINE IN / MIC Jack            | 3.5 ø mm mini-jack, impedance 2 kΩ                        |
| Microphone sensitivity / gain | High / Middle / Low / Intelligent Auto<br>Manual          |
| PC interface                  | USB Storage Class   |
| Signal-to-noise ratio         | 92dB (LINE IN)<br>60dB (center mic)<br>57dB (stereo mics) |

## Interfaces Output

|                          |  |
|--------------------------|--|
| Max. working output      | 230mW (8 Ω speaker)                    |
| Maximum headphone output | 3 mW + 3 mW                            |
| Speaker size             | Built-in ø 18 mm round dynamic speaker |
| Earphone jack            | 3.5 ø mm jack, impedance 8Ω or more    |

### Wireless connectivity

|        |  |
|--------|--|
| Method | Bluetooth ver5.0 BLE                       |
|        | A2DP (Advanced Audio Distribution Profile) |
|        | AVRCP (Audio/Video Remote Control Profile) |

## Power Supply

|                       |   |
|-----------------------|---|
| Power source          | Battery: 2 x AAA  |
| Alkaline battery life | Recording: 56h  |
| Ni-MH battery life    | Recording: 37h  |
| Note:                 | Battery life time strongly depends on chosen sound quality. Value is given for commonly used CD quality standard 44.1kHz/16bit. |
| Internal Charging     | USB (PC/AC)   |
|                       | Note: Internal charging operable only with OM System rechargeable batteries.  |
|                       | AC-adapter is an optional item.   |

## Dimensions / Weight

|        |                     |
|--------|---------------------|
| Height | 112.2mm             |
| Width  | 39.6mm              |
| Depth  | 16.1mm              |
| Weight | 78g (incl. battery) |

## Exterior

|              |     |
|--------------|-----|
| Tripod mount | Yes |
|--------------|-----|

## Languages

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

## Operating Systems & Requirements

|           |   |
|-----------|---|
| Windows   | Operating system: Windows Vista/7/8/8.1/10/11 |
| Macintosh | Operating system: Mac OS X 10.8 - 10.12       |