

LS-12

- Mode Dial & Smart Mode
- Two high-sensitivity 90° mics
- Battery Life: Up to 50 hours of continuous recording
- Switchable low-cut filter (100Hz/300Hz)
- Linear PCM recording (96kHz/24bit)
- Acoustic resistance of 130 dBspl
- Separate audio & system circuitry
- Pre-record buffer



Pro recordings made easy

Featuring a user-friendly Mode Dial, Smart Mode functionality and more, the LS-12 makes it easier than ever to achieve studio-standard audio results. This top sound quality is thanks to a high-sensitivity stereo microphone system with two mics set at 90 degrees for capturing expansive and true-to-life audio with low levels of noise up to an incredible 130 db SPL.

On top of this, you can also enhance your tracks still further with a range of sophisticated functions specifically developed for musicians to produce the very best recordings - including a Chromatic Tuner for getting instruments in tune, a Metronome for keeping everything in time, high-powered overdubbing capabilities and variable playback speed control.

Specifications

Storage Media

Internal / Removable Media	Internal + Removable
External Memory (Slot)	SD / SDHC card (512 MB - 32 GB)
Internal memory	2GB

USB functionality

USB Speed	USB 2.0 High Speed
USB Classes	USB Storage class USB Composite device

Display

Display Backlit	Yes
Display colour	White
Display Type	Full Dot Matrix Display
Display Size	30.1 x 35.4mm / 1.83"

Device operation

Mode select dial	Yes
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Recording Modes

Recording format	PCM / MP3
96kHz / 24bit	40min
88.2kHz / 24bit	45min
48kHz / 16bit	2h 10min
44.1kHz / 16bit	2h 20min
44.1kHz (Mono)	4h 40min
320 kbps	10h
256 kbps	13h
128 kbps	26h
64 kbps (Mono)	52h
Smart Rec	Yes
PCM (WAV) format	
MP3 format	

Playback Modes

Playback format	PCM (WAV) / MP3
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Frequency response

96 kHz	20 - 44.000Hz
88.1kHz	20 - 42.000Hz
48kHz	20 - 23.000Hz
44.1kHz	20 - 21.000Hz
44.1kHz (Mono)	20 - 21.000Hz
320 kbps	20 - 20.000Hz
256 kbps	20 - 20.000Hz
128 kbps	20 - 17.000Hz
64 kbps (Mono)	20 - 13.000 Hz
MP3 format	
PCM (WAV) format	
Internal microphones	60 - 20.000Hz

Record function

Index	Yes
Auto recording	Pre-Recording
Sound control	Rec Monitor Manual Rec level control Low Cut-Filter
Advanced recording	Direct recording Overdubbing

Playback function

Gapless Playback	Yes
Playback control	Playback Speed Control
Repeat functions	Repeat playback

Data organisation

File move	Yes
File divide	Yes
File Copy (Folder to Folder)	Yes
File Copy (internal memory - external memory)	Yes
Time/date info	Yes
Erase	Erase all files Erase single files Partial (PCM only)

Other Features

Remote Control	Yes (optional)
Chromatic Tuner	Yes
Metronome function	Yes

Interfaces Input

LINE IN input level	- 6 dBv
PC interface	USB Cable
Microphone sensitivity / gain	High / Middle / Low
Microphone jack	3.5 ø mm mini-jack, impedance 2 k
LINE IN jack	3.5 ø mm jack, impedance 10 k .

Interfaces Output

Max. working output	300mW or more (8 speaker)
Maximum headphone output	2 mW + 2 mW
Speaker Diameter	Built-in ø 28 mm round dynamic speaker
Earphone jack	3.5 ø mm jack, impedance 8 or more

Power Supply

Power Supply	AA batteries (LR6 or ZR6) or two Ni-MH rechargeable batteries
Alkaline battery life	Recording: 50h
External power supply	USB connecting AC adapter (A-514)

Dimensions

Weight	170g (incl. batteries)
WxHxD	52.5 x 138.7 x 23.5mm

Languages

Menu languages	EN/FR/DE/IT/ES/RU/PL/CS/ SV/DA/NL/CN/TW
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Operating Systems & Requirements

Windows	Operating system: Microsoft Windows XP/ Vista/7/8
Macintosh	Operating system: Mac OS X 10.4.11 - 10.8

Microphone System

TRESMIC (3 Mic System)	No
Max. Sound Pressure	130dB SPL