

LS-10 Linear PCM Recorder Frequently Asked Questions

How much recording time is available when recording to SD media?

The length of potential recording time available when using (optional) SD memory cards is governed by the capacity of the card and the Recording Mode that is selected. When a Recording Mode is selected, several audio file properties are put into place. These properties determine the level of detail of the saved file data. A higher-quality file saves more-detailed information that uses more memory space. A lower-quality recording makes a less-detailed data file, so the memory goes a lot further.

The tables below show approximate recording times for each Recording Mode and audio file format when using various sizes of SD memory cards. These values are provided for reference; individual performance may vary.

Linear PCM format

Recording mode	SD 512 MB	SD 1 GB	SD 2 GB	SD 4 GB	SD 8 GB
96 kHz 24 bit	10 min.	25 min.	55 min.	1 hr. 55 min.	3 hr. 45 min.
96 kHz 16 bit	20 min.	40 min.	1 hr. 25 min.	2 hr. 50 min.	5 hr. 45 min.
48 kHz 24 bit	25 min.	55 min.	1 hr. 55 min.	3 hr. 55 min.	7 hr. 40 min.
48 kHz 16 bit	40 min.	1 hr. 25 min.	2 hr. 55 min.	5 hr. 45 min.	11 hr. 30 min.
44.1 kHz 24 bit	30 min.	1 hr. 00 min.	2 hr. 00 min.	4 hr. 10 min.	8 hr. 20 min.
44.1 kHz 16 bit	45 min.	1 hr. 30 min.	3 hr. 10 min.	6 hr. 15 min.	12 hr. 35 min.

MP3 format

Recording mode	SD 512 MB	SD 1 GB	SD 2 GB	SD 4 GB	SD 8 GB
320 kbps	3 hr. 30 min.	7 hr. 00 min.	13 hr. 50 min.	28 hr. 00 min.	55 hr. 40 min.
256 kbps	4 hr. 20 min.	8 hr. 50 min.	17 hr. 20 min.	35 hr. 00 min.	69 hr. 40 min.
128 kbps	8 hr. 50 min.	17 hr. 40 min.	34 hr. 50 min.	70 hr. 10 min.	139 hr. 30 min.

WMA format

Recording mode	SD 512 MB	SD 1 GB	SD 2 GB	SD 4 GB	SD 8 GB
160 kbps	6 hr. 50 min.	13 hr. 50 min.	27 hr. 10 min.	54 hr. 50 min.	109 hr. 00 min.
128 kbps	8 hr. 30 min.	17 hr. 20 min.	34 hr. 00 min.	38 hr. 40 min.	136 hr. 20 min.
64 kbps	17 hr. 20 min.	34 hr. 50 min.	38 hr. 10 min.	137 hr. 20 min.	272 hr. 50 min.