MR-2 Specifications

Recorder section
Number of tracks:

2 tracks
2 tracks simultaneous playback
2 tracks simultaneous recording

Recording formats:
Compressed audio format

MP2 format (extension .mp2)
48 kHz@128, 192, 256, 320 kbps
MP3 format (extension .mp3)
44.1 kHz@128, 192, 256, 320 kbps

PCM audio format

WAV format (extension .wav), BWF compliant
44.1 kHz @ 16/24-bit, 48 kHz @ 16/24-bit
88.2 kHz @ 24-bit, 96 kHz @ 24-bit
176.4 kHz @ 24-bit, 192 kHz @ 24-bit

1-bit audio format

2.8 MHz @ 1-bit
DSDIFF format (extension .dff), DSF (extension .dsf), WSD (extension .wsd)

Recording Time:

Maximum 6 hours @ 44.1 kHz/16-bit (for 4GB memory card)
Maximum continuous recording 6 hours

Number of projects:

Recognizes a maximum of 400 projects of each date folder

Mark points:

100 points per project *No mark names

USB functionality:

Connect to computer via USB 2.0, usable as FAT32 USB removable drive

Song editing:

Rename, Delete, Protect

Tuner
Temperament:

Equal temperament, chromatic tuner

Range (sine wave):

27.50 Hz – 1,318.5 Hz (A0 - E6)

Reference pitch:

A = 435 – 445 Hz

Memory Card (SD)
Supported cards:

SD and SDHC cards with a capacity of 512MB-32GB
(SDHC card of class 4 or higher recommended)

General
Display:

128 x 128 pixel LCD with backlight

Power supply:

AA/LR6 alkaline battery x 2;
AA nickel-metal hydride battery x 2;
USB bus power

Power consumption:

1.5W

Dimensions:

(W x D x H): 2.52" x 4.72" x 0.9"

Weight:

4.94 oz. (not including a memory card and batteries)

Main specifications
Frequency response:

20 Hz – 20 kHz ±1.5 dB (MP2/MP3)
10 Hz – 20 kHz ±1.5 dB @Fs44.1 kHz/48 kHz
10 Hz – 40 kHz ±1.5 dB @Fs88.2 kHz/96 kHz/176.4 kHz/192 kHz
10 Hz – 100 kHz (1-bit)

S/N:

90 dB (typical) @IHF-A

THD+N:
0.018% (typical) 20 Hz – 20 kHz

A/D conversion:

2.8224 MHz (1-bit), 24-bit (PCM)

D/A conversion:

2.8224 MHz (1-bit), 24-bit (PCM)

Mic
Connector:

      3.5 mm stereo mini phone jack (switchable to Plug-in-Power)

Input impedance:

      10k ohms

Nominal level:

      -39 dBV

Maximum level:

      -27 dBV

Line In
Connector:

      3.5 mm stereo mini phone jack

Input impedance:

      75k ohms

Nominal level:

      -10 dBV

Maximum level:

      +2 dBV

Phones
Connector:

      3.5 mm stereo mini phone jack

Maximum level:

      20 mW+20 mW @ 16 ohms

USB
Connector:

      Type mini-B

Format:

      USB 2.0 compliant, USB mass storage class

Supported operating systems:

      Windows 2000, or later; Mac OS X 10.4 or later

Included items
Install CD ("AudioGate" audio file conversion application)

AudioGate (v2.0) System Requirements

Windows
Supported OS:

 Microsoft Windows XP Home Edition/Professional Edition Service Pack 3 or later
 Microsoft Windows Vista Service Pack 2 or later
 Microsoft Windows 7

Supported Computers:

 Processor: Intel Pentium III/1GHz or faster
 Memory: 256MB or larger (512 or larger recommended)
 Hardware: A USB port that meets the operating requirements of Windows;
 A writable CD/DVD drive is required in order to create audio CDs or DSD discs.

Mac OS X
Supported OS:

 Mac OS X 10.4 or later

Supported Computers:

 Processor:Apple G4/800MHz or faster (Intel-based Mac recommended)
 Memory: 256MB or larger (512 or larger recommended)
 Hardware: A USB port that meets the operating requirements of Mac OS X;
 A writable CD/DVD drive is required in order to create audio CDs or DSD discs.

Specifications and features are subject to change without notice.

- Installed in this product are the MP3/MP2 encoder "ISC-MP3/MP2 BF542 eKorg" and the MP3/MP2 decoder "ISC-MP3/MP2 BF542 dKorg" developed by Institute of Super Compression Technologies, Inc. (ISCT), Japan.
- "DSD" is a registered trademark.
- Logos, product names, and company names are their trademarks or registered trademarks.