

## 23 SPECIFICATIONS

### GENERAL

<u>Data Storage medium</u>	Built-in 2GB memory FAT 32
<u>Recording Method</u>	Digital (PCM) or Digital compression
<u>Compression type</u>	ISO MPEG 1 Layer II / III
<u>A/D &amp; D/A, PCM, MPEG conversion</u>	24 bit Philips UDA1380
<u>File Format</u>	16 Bit Wave Format (xxx.WAV) or MPEG Raw (xxx.MP2, xxx.MP3)
<u>Sampling Rate</u>	From 8 to 48 kHz
<u>Compress Bit-Rates</u>	32 to 384 kb/s
<u>Mono/Stereo</u>	Switchable
<u>Recording Capacity</u>	2 hour 52 minutes Stereo 48 kHz PCM 69 hours 26 minutes Mono 48 kHz, 64 kb/s
<u>Dynamic Range Adjustment</u>	50 dB for 0 dB record
<u>Filters</u>	"Flat", "LFA"
<u>Automatic Gain Control</u>	"ON", "OFF" (Target level adjustable)

### INPUTS

<u>Built-in Mike</u>	Electret
<u>Mike Inputs</u>	3.5 mm stereo jack connector
<u>Mike Powering</u>	3V Electret
<u>Mike Input Sensitivity</u>	Minimum 1.5 mV for full scale
<u>Line Input</u>	3.5 mm stereo jack connector
<u>Line Input Sensitivity, Low &amp; High Range</u>	19 mV to 4.9 V for 0 dB recording

### OUTPUTS

<u>Headphone</u>	3.5 mm stereo jack connector
<u>Line Output</u>	3.5 mm stereo jack connector
<u>Line Output Level</u>	Maximum 0.9 V
<u>THD at 1 kHz</u>	0.1 %
<u>Frequency Response</u>	30 Hz – 20 kHz (-3 dB in EE mode)
<u>Total Dynamic Range Line Output</u>	Up to 80 dB
<u>Total Dynamic Range On Recorded File</u>	Up to 90 dB
<u>Built-in Speaker</u>	0.1 W
<u>USB</u>	V2.0

### POWER SUPPLY

<u>Internal Batteries</u>	2 x "AA" cells
<u>Consumption</u>	3 V, maximum 100 mA (approx. 10 hours)

### PHYSICAL

<u>Dimensions</u>	125 x 53 x 23 mm (5 x 2 x 1 in) w/o plug-on mike
<u>Weight</u>	150g, (0.33 lb) incl. batteries, w/o plug-on mike