

### 3. Product Information

#### 3.1 Equipment Description

<b>Audio</b>	Range of Frequency	20Hz ~ 20KHz
	Earphone Output	Earphone 1 : (L)12mW + (R)12mW(16Ohm), Volume Max Earphone 2 : (L)8mW + (R)8mW(16Ohm), Volume Max
	Signal to Noise Ratio	90dB
<b>FM Radio</b>	Frequency Range	76.0MHz ~ 108.0MHz
	Output	Earphone 1 : (L)12mW + (R)12mW(16Ohm), Volume Max Earphone 2 : (L)8mW + (R)8mW(16Ohm), Volume Max
	Signal to Noise Ratio	50dB
<b>Removable Disk</b>	USB Device	USB1.1 (Read Speed : 700MB/S, Write Speed : 500MB/S)
	USB HOST	USB1.1
<b>File Support</b>	File Format	MPEG 1/2/2.5 Layer 3, WMA, OGG
	Bit Rate	8Kbps ~ 384Kbps
	Tag	ID3 Tag V1.0, 2.x
<b>General Items</b>	Product Size	84.5mm(width) * 42mm(length) * 23mm(height)
	Product Weight	Approximately 56g (Including battery)
	Operation Temperature Range	-5 ~ 50
	Memory	128MB, 256MB, 512MB, 1GB This products are different in memory size only.(Other specification is same)
	Play Time	Play 15 hours(128Kbps MP3, Vol 20, EQ Normal)
	Voice Recording	512MB over 130 hours(8Kbps)
	Battery	Li-Polymer

#### 3.2 Variations covered by this report

**Model Difference :** N/A

**Technical Deviation :**

Tested by 1GB - This products are different in memory size only.(Other specification is same)

#### 3.3 Additional Information Related to Testing

Test results apply only to the particular sample tested and functionality described in this test report.  
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