



Engineering Product Specification

Project No. SEC-6500-001

Document Ref. No. EPS-6500

Model No. SEC-6500-001

Version: V1.1

Date: 28-Sep-06

Features

WMA / MP3 Playback
Alarm Clock and Date display
Photo Viewing JPEG picture browsing/ E-book function
Video function by using the Bundle software for converting the files.
1.8" Color OLED Display
2 Timer Record for FM channel
Wake up by Clock sound, Music, FM, Recorded Voice File.
Compatible with Windows 2000/XP/ME without any driver installation, 98SE need driver
On Board support Memory 128MB/256MB/512MB /1GB /2GB
Support External Memory (SD / MMC Card slot)
Support FM/Line-in/Voice Recording
FM Tuner (20 preset channels) 76~108MHz
USB Version 1.1 / 2.0
6 Bands Mode EQ System (Normal>Rock>Jazz>Classic>Pop>User)
Digital Volume Control
Firmware Upgradable

Absolute Maximum Rating

Supply Voltage	DC 4.4~6.2V
Supply Current	<1.5A
Power Dissipation	<5W
Operating Temperature Range	5~40 degree
Storage Temperature Range	0~50 degree

Parameter	Test Conditions	Min	Normal	Max	Unit
Audio output					
Maximum Output(earphone)	1KHz , RL=16 ohm		0.5		mw
Maximum Output(speaker)	1KHz , RL=4ohm		2		W
Total harmonic Distortion	1KHz 5mW output, RL=16ohm		<0.5%		dB
Channel Separation	1KHz 5mW output, RL=16ohm		>40		dB
S/N Ratio	1KHz 0dB 20KHz Filter		>70		dB
Audio Frequency		100		15K	Hz
Data Transmitt rating					
USB version			1.1		
Download Speed			0.7		MByte/s
Upload Speed			0.8		MByte/s
File Format Support					
WMA	Sampling Frequency: 8kHz~48kHz	48	~	192	kbps
MP3	Sampling Frequency: 8kHz~48kHz	32	~	320	kbps
Power Consumption					
Standby current (Power OFF)			<2		mA
Stop Mode			50		mA
Playback mode		100		900	mA
Battery Life (Playing Music with 70% volume level)					
4 x AA Battery		7	10	15	Hours