

## HIGHLIGHTS

## SPECS

## SUPPORT

## FM

Frequency Range	87.9MHz - 107.9MHz
(Frequency step)	(200kHz)
Usable Sensitivity	7.2dBf
S/N:30dB Dev 22.5kHz	(0.63 $\mu$ V/75 $\Omega$ )
Quieting Sensitivity	15.2dBf
DIN S/N 46dB Dev 40kHz	(1.58 $\mu$ V/75 $\Omega$ )
Frequency Response( $\pm$ 3.0dB)	30Hz-15kHz
S/N	68dB (MONO)
Stereo Separation	40dB (1kHz)

## DIGITAL FM

Frequency Range	87.9MHz - 107.9MHz
(Frequency step)	(200kHz)
Frequency Response( $\pm$ 3.0dB)	20Hz-20kHz
S/N	75dB(STEREO)

## AM

Frequency Range	530kHz - 1700kHz
(Frequency step)	(10kHz)
Usable sensitivity	29dB $\mu$ (28.2 $\mu$ v)

## DIGITAL AM

Frequency Range	530kHz - 1700kHz
(Frequency step)	(10kHz)
Frequency Response( $\pm$ 3.0dB)	40Hz-15kHz
S/N	70dB(STEREO)

## CD

Laser Diode	GaAlAs
Digital Filter(D/A)	8 Times OverSampling

Spindle Speed	500~200rpm(CLV)
Wow & Flutter	Below Mesurable Limit
Frequency Response	20-20kHz( $\pm 1$ dB)
Total Harmonic Distortion	0.01%(1kHz)
S/N Ratio (dB)	105dB(1kHz)
Dynamic Range	90dB
Channel Separation	85dB
MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
WMA Decode	Compliant with WINDOWS MEDIA AUDIO
AAC Decode	AAC-LC ".aac" files
WAV Decode	-

### USB I/F

USB	USB 1.1 / 2.0 full speed
File System	FAT12 / 16 / 32
Maximum Supply current	DC5V(DC logo) 1.5A
MP3 decode	Compliant with MPEG-1/2 Audio Layer-3
WMA decode	Compliant with Windows Media Audio
AAC Decode	AAC-LC ".aac", ".m4a" files
WAV Decode	Linear-PCM
FLAC Decode	FLAC file (Up to 96kHz/24bit)
Preout Level(mV)/Load -Unbalanced	4000mV/10k $\Omega$ (CD)
Preout Impedance( $\Omega$ )	$\leq 600\Omega$
Speaker Impedance( $\Omega$ )	4-8 $\Omega$

### AUX INPUT

Frequency Response	20Hz~20kHz $\pm 3$ dB
Input Maximum Voltage	1000mV
Input Impedance	30k $\Omega$

### AMP

Maximum Power	50Wx4
Full Bandwidth Power (at less than 1%THD)	22Wx4

### TONE

Band1	62.5Hz $\pm 9$ dB
Band2	100Hz $\pm 9$ dB
Band3	160Hz $\pm 9$ dB
Band4	250Hz $\pm 9$ dB

Band5	400Hz ±9dB
Band6	630Hz ±9dB
Band7	1kHz ±9dB
Band8	1.6kHz ±9dB
Band9	2.5kHz ±9dB
Band10	4kHz ±9dB
Band11	6.3kHz ±9dB
Band12	10kHz ±9dB
Band13	16kHz ±9dB

## BLUETOOTH

Version	Bluetooth 3.0
Frequency Range	2.402-2.480GHz
Output Power	+4dBm(MAX)、0dBm (AVE) Power Class 2
Maximum Communication range	Line of sight approx.10m(32.8ft)
Profile	HFP 1.6 (Hands Free Profile) SPP (Serial Port Profile) PBAP (Phonebook Access Profile) A2DP (Advanced Audio Distribution Profile) AVRCP 1.5 (Audio/Video Remote Control Profile)

## GENE

Operating voltage (10.5~16V allowable)	14.4V
Maximum Current Consumption	10A
Operational Temperature Range	-10°C to +60°C
Dimensions (W) (H) (D)	182(mm) 7-3/16(in) 53(mm) 2-1/16(in) 158(mm) 6-1/4(in)
Net Weight (Trim plate and Mounting sleeve: Included)	1.4(kg) 2.9(lbs)

**Marine**

1DIN CDR  
Digital Media Receivers  
Amplifiers  
Speakers  
Accessories

**Amplifiers**

Amplifiers  
Compact Amplifiers

**Support**