

Kenwood DDX24BT In-Dash DVD Receiver Specs

Monitor

Picture size: 6.2 in (diagonal)
W x H: 5.4 x 3.1 in (13.8 x 7.7 cm)
Display system: Transparent TN LCD panel
Drive system: TFT active matrix system
Pixels: 1,152,000 (800H x 480V x RGB)
Effective pixels: 99.99%
Pixel arrangement: RGB striped arrangement
LED backlighting

DVD

D/A converter: 24Bit
Audio decoder: Linear PCM, Dolby digital, MP3/WMA/AAC/WAV
Video decoder: MPEG1/MPEG2/JPEG
Wow & flutter: Below measurable limit
Frequency response: (96k sampling and 48k sampling): 20 - 22,000 Hz, (44.1k sampling): 20 - 20,000 Hz
Total harmonic distortion 1kHz: 0.010%
SNR: 99 dB (DVD-Video 96k)
Dynamic range: 99 dB (DVD-Video 96k)
DISC format: DVD-Video/VIDEO-CD/CD-DA
Sampling frequency: 44.1kHz/48kHz/96kHz
Quantifying bit number: 16/20/24bit

USB

USB 2.0 Full Speed/ High Speed
File system: FAT 16/32
Maximum power supply current: DC5V(DC logo) 1.5A
D/A Converter: 24bit
Audio decoder: MP3/WMA/AAC/WAV
Video decoder: MPEG1/MPEG2/JPEG

Bluetooth

Bluetooth V3.0
Frequency: 2.402 - 2.480 GHz
Output power: +4dBm (MAX),0dBm (AVE) Power Class 2
BT range: 32.8 ft
Audio codec: SBC/AAC
Profile: HFP(Hands Free Profile) 1.6
A2DP(Advanced Audio Distribution Profile) 1.3
AVRCP(Audio/Video Remote Control Profile) 1.5

GAP(Generic Access Profile)
PBAP(Phonebook Access Profile) 1.2
SDP(Service Discovery Profile)
SPP(Serial Port Profile) 1.2

FM

Frequency range: 87.9 MHz - 107.9MHz
Frequency step: 200kHz
Usable sensitivity: 8.2 dBf
S/N:30 dB (0.71 μ V / 75 Ohms)
Quieting sensitivity: 17.2 dBf
S/N:50 dB (2.0 μ V / 75 Ohms)
Frequency response (\pm 3.0 dB): 30 Hz - 15 kHz
S/N(dB): 64 dB(MONO)
Selectivity: Over 80 dB(\pm 400 kHz)
Stereo separation: 40 dB(1 kHz)

AM

Frequency range: 530 kHz - 1700 kHz
(Frequency step): 10 kHz
Usable sensitivity: 29 dB μ

Video

Color system of external video input: NTSC/PAL
External video input level (mini jack): 1Vp-p / 75Ohms
External audio max input level (mini jack): 2V / 25kOhms
Video Input level (RCA jacks): 1 Vp-p / 75 Ohms
Video Output level (RCA jacks): 1Vp-p / 75Ohms

Audio

Maximum Power (Front&Rear): 50Wx4
Full Bandwidth Power (Front&Rear): 22Wx4
(at less than 1%THD)
Preout level(V): 2.5V / 10kOhms
Preout impedance(Ω) =< 600 Ohms
Speaker Impedance(Ω): 4-8 Ohms
Equalizer BAND: 13Band
Frequency(Hz): 62.5/100/160/250/400/630/1k/1.6k/2.5k/4k/6.3k/10k/16k
Gain: -9/-8/-7/-6/-5/-4/-3/-2/-1/0/1/2/3/4/5/6/7/8/9 [dB]
Q factor: 1.35/1.5/2.0

2Way X'Over

Tweeter: Frequency(Hz) 1k/1.6k/2.5k/4k/5k/6.3k/8k/10k/12.5k
Gain: -8/-7/-6/-5/-4/-3/-2/-1/0 [dB]

Front (HPF): Frequency(Hz):Through/30/40/50/60/70/80/90/100/120/150/180/220/250

Slope: -6/-12/-18/-24 [dB/Oct.]

Gain: -8/-7/-6/-5/-4/-3/-2/-1/0 [dB]

Rear (HPF): Frequency(Hz): Through/30/40/50/60/70/80/90/100/120/150/180/220/250

Slope: -6/-12/-18/-24 [dB/Oct.]

Gain: -8/-7/-6/-5/-4/-3/-2/-1/0 [dB]

SW (LPF): Frequency(Hz): 30/40/50/60/70/80/90/100/120/150/180/220/250/Through

Slope: -6/-12/-18/-24 [dB/Oct.]

Phase: Normal/Reverse

Gain: -8/-7/-6/-5/-4/-3/-2/-1/0 [dB]

Position: 2Way: Front / Rear /Subwoofer Delay: 0 - 20.0ft (0.07ft Step)

Gain: -8 to 0dB

Subwoofer Level: -50 to +10dB

General

Operating voltage: 14.4V (10.5V to 16V)

Maximum Current consumption: 10A

Installation Dimensions WxHxD: 7.2 x 4.4 x 6.3 in (18.2 x 11.1 x 16 cm)

Operational temperature range: -10°C to +60°C

Weight: 2.0 Kg (4.5 lbs)