

# KD-HDR20

HD Radio®/CD Receiver

Headunits



HD Radio®

MP3/WMA

MOS-FET  
50W x 4

20W x 4  
RMS

SAT  
RADIO  
READY

COMPACT  
DIGITAL  
AUDIO  
TEXT

## Recommended Features



Ready for  
Bluetooth®  
Adapter



Ready for  
iPod Adapter

Front AUX  
AUDIO

USB

SAT  
Radio Ready

Built-in  
HD Radio  
Tuner

Steering  
Wheel  
Remote  
Ready

Hi-Volt  
Line Output

## Key Benefits

The built-in HD Radio® tuner offers a multitude of programs in premium digital sound. The unit also has DiAS digital processing tuner for high quality FM radio. The front AUX-IN lets you easily play songs from digital audio players. You can easily operate just by using the menu key and the volume dial. Enjoy superior sound with MOS-FET power amp and 24-bit DAC, and even customize the sound with 7-band parametric iEQ. You can also enjoy Bluetooth® Wireless Technology and iPod with optional adapters.



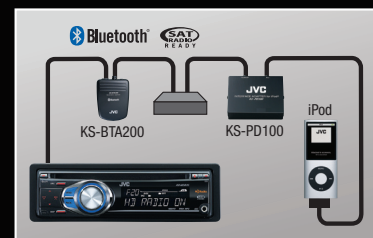
## Built-in HD Radio®

Enjoy a multitude of HD Radio® programs in premium digital sound, without having to connect external tuners. FM radio sounds equivalent to CD quality, and AM as good as FM.

HD Radio®

## J-BUS Terminal

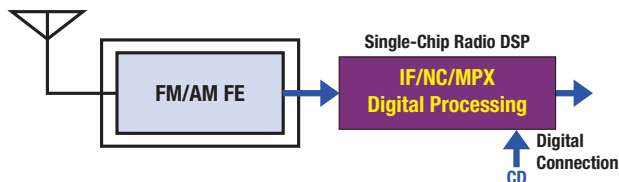
You can connect JVC's optional adapters or changers to this terminal. Available functions depend on the headunit.



# KD-HDR20 HD Radio®/CD Receiver

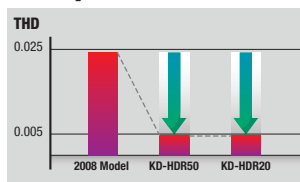
## DiAS II Digital Tuner

This all-digital, further evolved version of DiAS tuner delivers versatile next generation performance. Its advantages include the higher sensitivity 13µV AM reception, improved FM separation from 40dB to 50dB, and better Multipath Noise Canceller for FM reception while driving.



## Advanced Design for High-Quality Sound

JVC-original sound quality design with the state-of-the-art circuit and board layout features less resistance and distortion from the source signal. Hear the original sound, just as it is.



## Ready for Bluetooth® Adapter

Bluetooth® Wireless Technology is available with an optional adapter (KS-BTA200)\*, for hands-free calling and audio streaming.

\* Not available in some countries.  
Available functions depend on the cell phone.



## Advanced Multi-bit DAC

The Multi-bit system achieves a wide dynamic range. Its unique algorithm contributes to improved linearity and low distortion. Moreover, its incorporated Switched Capacitor Filter minimizes the signal deterioration caused by clock jitter, enabling stable D/A conversion. As a result, even subtle nuances of music can be reproduced in fine detail.

## 7-Band iEQ

Boost or cut the level by up to 10dB on each of 7 bandwidths (60, 150, 400, 1k, 2.4k, 6k and 15kHz). Even customize the overall response with the 7-Band iEQ, which offers 1 user- and 5 factory-preset patterns. (POPS, ROCK, HIPHOP, JAZZ, and CLASSIC)

POPS	ROCK	HIP HOP
JAZZ	CLASSIC	USER

<b>EQ Control Range</b>	60Hz, 150Hz, 400Hz, 1kHz, 2.4kHz, 6kHz, 15kHz
<b>Level</b>	-10 - +10dB

## Ready for iPod Adapter (Ready for KS-PD100)

With an optional KS-PD100 adapter, you can connect and control your iPod on the headunit.



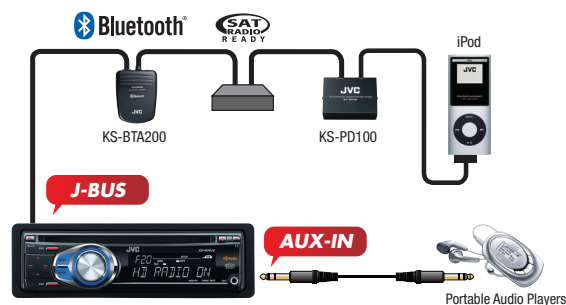
## Key Specifications

Maximum Power Output	50W x 4
Continuous Power Output (RMS)	20W RMS x 4 Channels at 4Ω
* Total Harmonic Distortion	≤ 1.0% THD* + N
Line Preout Terminals (Pair)	1 pair
Subwoofer Output with Level/Frequency Control	✓
Line Output Level	2.5V
Subwoofer Output Level	2.5V
Subwoofer Gain Control	0 - 16dB
Load Impedance	4Ω (4 - 8Ω allowable)
Line Output Impedance	1kΩ

### Dimensions (W x H x D)

Installation Size	7 3/16" x 2 1/16" x 6 5/16"	182 x 52 x 159.5 mm
Panel Size	7 7/16" x 2 5/16" x 1/4"	188 x 58 x 5.6 mm
Detachable Face Plate	6 3/4" x 1 13/16" x 3/4"	176 x 46 x 18.8 mm

## Connections



## Compatible iPod/iPhone Models

Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100	Requires KS-PD100
iPod 3rd generation 30GB 40GB	iPod mini 4GB 6GB	iPod 4th generation 40GB	iPod 4th generation (color display) 40GB 60GB	iPod nano 1st generation 1GB 2GB 4GB	iPod 5th generation (video) 60GB 80GB	iPod nano 2nd generation* (aluminum) 2GB 4GB 8GB	iPod classic 120GB	iPod nano 3rd generation (video) 4GB 8GB	iPod nano 4th generation** (video) 8GB 16GB

\* With J-BUS connection, KS-PD100 may hang up while using iPod nano 2nd generation.

\*\* iPod battery will not be charged via connection with KS-PD100.