

VOSS AUDIO HDK220 SERIES 7.1 **HOME THEATER KTV SYSTEM**



1. VOSS AUDIO HOME THEATER MAIN SPEAKER/SURROUND SPEAKER HDK220

Main / Surround Speaker

Model: HDK220

Cabinet Material: Aluminum Alloy

Frequency Response: 200Hz–20kHz

Driver Unit: Dual 2.25" Neodymium Drivers

Sound Pressure Level (SPL): 95dB

Nominal Impedance: 8Ω

Rated Power: 40W

Weight: 0.6kg

Dimensions (W×D×H): 60×85×125mm

2. VOSS AUDIO HOME THEATER CENTER SPEAKER HDK220

Center Speaker

Model: HDK220

Cabinet Material: Aluminum Alloy

Frequency Response: 200Hz–20kHz

Driver Unit: Dual 2.25" Neodymium Drivers

Sound Pressure Level (SPL): 95dB

Nominal Impedance: 8Ω

Rated Power: 40W

Weight: 0.6kg

Dimensions (W×D×H): 60×85×125mm

3. 10 INCH WOOFER KBS10B

Subwoofer

Technical Specifications:

System Type: 10" Passive Subwoofer

Frequency Response: 30Hz–200Hz

Sensitivity: 88dB

Nominal Impedance: 4Ω

Max Input Power: 400W

Max SPL: 98dB (Peak 105dB)

Rated Power: 100W

Net Weight: 10kg

Dimensions (W×L×H): 330×355×340mm

4.VOSS AUDIO 7.1CH K9 AV RECEIVER WITH INTEGRATED DECODING

Product Features

1. This product integrates audio/video decoding and microphone effect processing. It includes:

2 analog stereo inputs

1 OPT (optical digital input)

1 COAX (coaxial digital input)

2 microphone inputs

USB playback

Bluetooth function

HDMI with 3 inputs and 1 output

The HDMI OUT supports ARC (Audio Return Channel), and HDMI audio transmission supports both I2S and SPDIF.

2. Audio output modes include:

Pass-Through, 2.1, 5.1, 7.1

3. Supports 7.1 channel audio decoding.

4. HDMI Version & Supported Formats:

HDMI version 2.0

Supports HDCP 1.4 and HDCP 2.2

Supports video resolution up to 4K×2K @ 50/60Hz

Supports audio sampling rates: 32K, 44.1K, 48K, 88.2K, 96K, 192K

5. Audio Characteristics:

This product uses a 48kHz sampling rate with 32-bit high-performance A/D and D/A conversion.

Music signal processing includes: input selection, noise gate, high/low-pass filters, and dynamic EQ limiter.

Microphone processing includes: noise gate, high/low-pass filters, PEQ, feedback suppressor, limiter, echo, and reverb (REV).

The effect section includes dedicated 12-band PEQ and high/low-pass filters for both echo and reverb.

6. Microphone effect processing integrates:

Effects processor

Feedback suppressor

Equalizer

Crossover

Limiter

Dynamic EQ

It performs digital signal processing for music and microphone inputs, offering flexible configuration and high-quality output—ideal for karaoke applications, especially in professional KTV environments. All features can be adjusted using a PC installed with control software, connected via USB or RS232 port.

Technical Specifications

Main Output: $2 \times 50W @ 8\Omega$

Center Output: $1 \times 50W @ 8\Omega$

Side Surround Output: $2 \times 50W @ 8\Omega$

Rear Surround Output: $2 \times 50W @ 8\Omega$

Subwoofer Output: $1 \times 120W @ 4\Omega$

Signal-to-Noise Ratio (SNR): MIC $\geq 93dB$, MUSIC $\geq 90dB$

Total Harmonic Distortion + Noise (THD+N): MIC $< 0.03\%$, MUSIC $< 0.03\%$

Input Interfaces:

$2 \times$ Microphone inputs

$3 \times$ HDMI inputs

2 × AV (AUX, DVD)

Optical

Coaxial

USB

Bluetooth

Output Interfaces:

1 × Recording output

1 × Active subwoofer output

Equalization Adjustment:
(Customizable EQ types)

Microphone Input: 12-band independent EQ

Music Input: 7-band EQ

Reverb: 3-band EQ

Output: 7-band EQ × 8 channels

Power Consumption:

No Load: 5W

Standby: 2W

Feedback Suppression (FBC):
Built-in software-based frequency shifting feedback suppression

Dimensions (W×D×H): 435 × 320 × 80mm

Weight: 4.5kg