

# **VOSS AUDIO CX202 SERIES 5.1 HOME THEATER KTV SYSTEM**



## **1. MAIN SPEAKER/SURROUND CEILLING SPEAKER CX-202**

Model: CX202

Speaker Unit: 2.25"

Coverage Angle: 15°

Frequency Response: 65–20kHz

Rated Power: 25W

Sensitivity: 87dB

Radiator: 45×50mm passive radiator

Nominal Impedance: 8Ω

Product Dimensions: 104×70mm (W×H)

Cutout Size: Ø87mm

## **2. CENTER CEILLING SPEAKER CX-202**

Product Model: CX202

Speaker Driver: 2.25"

Dispersion Angle: 15°

Frequency Response: 65–20kHz

Rated Power: 25W

Sensitivity: 87dB

Radiator: 45×50mm passive radiator

Nominal Impedance: 8Ω

Product Dimensions: 104×70mm

Cutout Size: 87mm

### 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 5.1CH K8 AV RECEIVER WITH INTEGRATED DECODING

#### Product Features

1. This product integrates audio-video decoding and microphone effect processing. It features:

2 analog stereo inputs

1 optical (OPT) digital input

1 coaxial (COAX) digital input

2 microphone inputs

USB playback

Bluetooth functionality

HDMI ports: 3 inputs and 1 output

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

2. Audio output modes:

Pass-through, 2.1, 5.1, 7.1

3. Supports 5.1 audio decoding formats.

4. HDMI version and supported formats:

HDMI version 2.0

Supports HDCP 1.4 and HDCP 2.2

Maximum video resolution: 4K×2K @ 50/60Hz

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

5. Microphone effect processing includes integrated:

Effects processor

Feedback suppressor

Equalizer

Crossover

Limiter

Dynamic EQ

It processes music and microphone signals digitally, offering flexible effect handling and output configuration, ideal for karaoke applications, especially in professional KTV environments. All functions can be adjusted via PC software connected through USB or RS232 port.

#### 6. Audio characteristics:

The product uses 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.

Effects include dedicated 12-band PEQ and high/low-pass filters for echo and reverb.

#### 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  $\geq 90dB$

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

#### Input Interfaces:

2 microphone inputs

3 HDMI inputs

2 AV inputs (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