

Roland

**CUBE MONITOR**  
**CM-220/CM-110**

**2.1** 2.1-Channel Monitor System



High-quality sound with full-range performance  
Hear and feel your music to the fullest with 2.1-channel sound

# Stylish Sound

## 2.1-Channel Monitor System



**Wide range**  
(high-fidelity 2.1-channel)



**Excellent durability**  
(protection circuit)



**Mixing**  
(supports a variety of inputs)

## Powerful, Full-Range Monitoring

Today's electronic musical instruments deliver an extreme range of sound, from the deepest, thundering lows to glass-shattering highs. Roland is pleased to announce a new nearfield monitoring series built specifically to handle the demands of modern synthesizers, electronic drums, media-production gear, and the like.

The CM-220 and CM-110 are 2.1-channel systems with custom-made speakers and integrated protection circuits that can take a full-frequency beating while providing fantastic sound, high performance, and CUBE reliability. Hear and feel your music to the fullest with these powerhouse CUBEs.



**2.1-channel monitoring creates a full-frequency musical landscape. Highly versatile, can be used for instrument performances and music production.**

**High-fidelity 2.1-channel design handles a diverse range of input**

Custom-made speakers with quality components — the CM-220/CM-110 tweeter, made of a silk dome diaphragm and aluminum voice coil, delivers delicate and clear sound. The woofer is made of an aluminum deposition-treated fiber cone that provides excellent suppleness and rigidity to reproduce thick mids and lows, while the long-stroke subwoofer reproduces ultra-low frequencies, including the dynamic tones created by bass drums. All of these factors have been comprehensively tuned in this 2.1-channel system to achieve full-frequency sounds that are optimally balanced.



**Durable, protective circuitry for instruments, home entertainment systems, and beyond**

The CM-220/CM-110 system speakers and amplifiers are equipped with protection circuits to tame wide dynamic ranges and/or continuous high levels from instruments such as synthesizers, V-Drums, etc. These CUBEs are built to withstand an arsenal of hot gear and input levels. The rich, deep sound also makes this system ideal for home-entertainment listening. Fill your home or personal studio with powerful sound and enjoy music in the proper full-range format for which it was created.

**Hands-on control, flexible connectivity**

The flexible input types let you connect a wide variety of analog and digital gear, including electronic instruments, audio-playback gear, even computers. Each of the three stereo input channels has a dedicated volume knob, with a Master volume knob to control all three simultaneously. A Phase switch instantly changes the phase of the sound being output from the subwoofer, helping find its ideal placement. The two EQ knobs adjusts the volumes of the lower and upper ranges, while the Woofer knob adjusts the output volume of the subwoofer.

**Top Panel**

Adjust overall volume and sub-woofer volume. Use the PHASE switch to make phase corrections.



Adjust the balance of different inputs during mixing.

Define the balance between lows and highs.

The unit will automatically turn off if it does not detect a signal after a specified amount of time of inactivity.

**Rear Panel**



USB audio interface or keyboard with digital output

Audio player

Keyboard/V-Drums

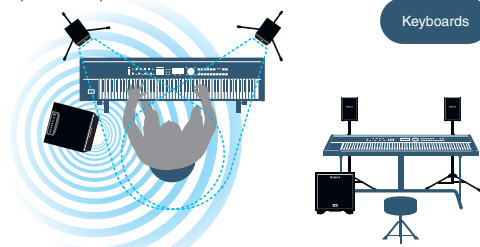
Headphones  
Mixer

\* Top- and rear-panel specifications are the same for CM-220 and CM-110.

**Ideal for all styles of music**

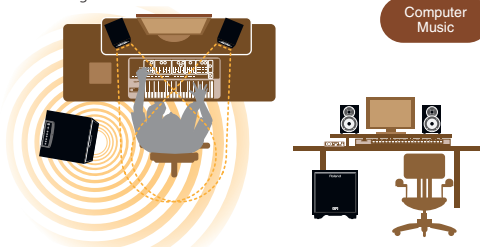
- 2.1-channel system for wide-range reproduction of electronic instruments and computer music.
- Satellite speaker nets can be removed depending on application, environment, or personal preference.
- Optional speaker stands provide ideal listening position.

Use this as a monitor for keyboard instruments such as synths and digital pianos. Experience the powerful sound of synths and the rich expression of pianos.



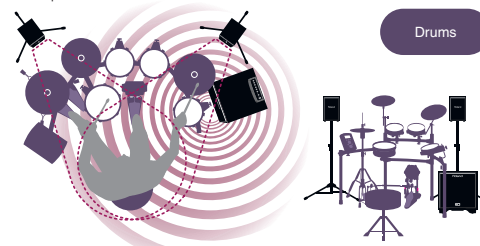
Keyboards

Use in conjunction with your computer and audio interface for music production. Faithfully reproduces a wide range of sounds from a diverse range of sources.



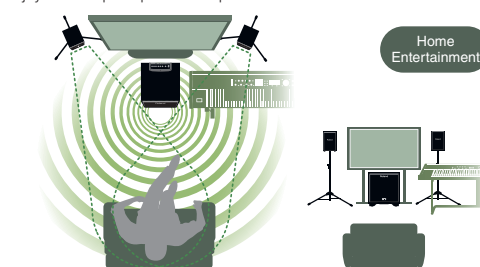
Computer Music

Use as a sound monitor for Roland V-Drums and other electronic drum kits. Experience full-range sound — from the sparkle of cymbals to the powerful lows of kick drums.



Drums

Play back audio in your living room; amplify your instruments. Enjoy the complete power and presence of 2.1-channel sound.



Home Entertainment

Powerful model with 200W output



CUBE MONITOR  
**CM-220**

Main Unit (Woofer) 100W + Satellite Speakers 50W x 2



Compact model with 100W output



CUBE MONITOR  
**CM-110**

Main Unit (Woofer) 50W + Satellite Speakers 25W x 2



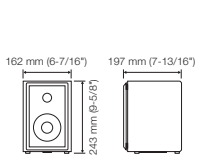
## ■ Specifications

	CM-220	CM-110
Rated Power Output	200W (Main Unit 100W + Satellite Speaker 50W x 2)	100W (Main Unit 50W + Satellite Speaker 25W x 2)
Nominal Input Level (1 kHz)	CH 1 (INSTRUMENT): -20 dBu, CH 2 (LINE): -10 dBu, BALANCED INPUT: +4 dBu	
Input Impedance	CH 1 (INSTRUMENT): 10 k ohms, CH 2 (LINE): 10 k ohms, BALANCED INPUT: 10 k ohms	
Digital Input (CH 3)	Format: Conformity with IEC60958, Sample Rate: 32 kHz to 192 kHz (automatically) (de-emphasis: OFF), Word Length: 24 bit	
Speakers	Main Unit (Sub Woofer) 25 cm (10 inches) Cone Type	16 cm (6.5 inches) Cone Type
	Satellite Speaker 2 cm (3/4 inch) Silk Dome Tweeter, 10 cm (4 inches) Fiber Cone Woofer (for each)	
Frequency Response	32 Hz to 22 kHz	35 Hz to 22 kHz
Crossover Frequency	125 Hz	
Controls	Channel Controls CH 1 [INSTRUMENT] volume knob, CH 2 [LINE] volume knob, CH 3 [DIGITAL] volume knob	WOOFER volume knob, PHASE switch
	Master Controls EQUALIZER [HIGH] knob, [LOW] knob, MASTER volume knob, AUTO OFF switch	
Connectors	CH 1 [INSTRUMENT] jacks (L/MONO, R): 1/4-inch phone type, CH 2 [LINE] jacks (L, R, STEREO): RCA phono type, stereo miniature phone type, CH 3 [DIGITAL] jack: coaxial type, BALANCED INPUT jacks (L, R): (XLR, 1/4-inch TRS phone type) PHONES jack: Stereo miniature phone type, SATELLITE SPEAKER jacks (L, R): (only for dedicated Satellite Speakers), AC IN jack	
Power Consumption	67W	47W
Dimensions	Main Unit (Sub Woofer) 381 (W) x 376 (D) x 413 (H) mm 15 (W) x 14-13/16 (D) x 16-5/16 (H) inches	Satellite Speaker 162 (W) x 197 (D) x 243 (H) mm, 6-7/16 (W) x 7-13/16 (D) x 9-5/8 (H) inches
Weight	Main Unit (Sub Woofer) 18.8 kg / 41 lbs 8 oz	Satellite Speaker 3.1 kg / 6 lbs 14 oz (for each)
Accessories	Power Cord, Speaker Cable (3.5 m) x 2, Owner's Manual	

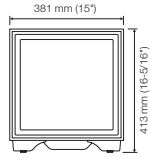
\* 0 dBu = 0.775 Vrms

\* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

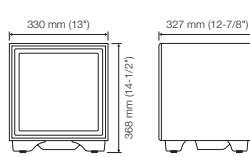
CM-220/CM-110 Satellite Speaker



CM-220 Main Unit (Sub Woofer)



CM-110 Main Unit (Sub Woofer)



## ■ Related product



### CM-30 CUBE MONITOR

Connect a variety of sources to this best-selling monitor amp.

- High-power 30W amp in a compact body.
- Three channels and two AUX INs for five simultaneous inputs. Supports a wide range of applications ranging from instruments, audio playback, live monitoring, and basic sound reinforcement.
- Channels 2 and 3, and AUX INs support stereo inputs.
- Stereo Link function lets you connect two CM-30 units for a total of ten simultaneous input channels for stereo playback.



Experience the diverse and expressive series of Roland amps on the web:

<http://www.roland.com/amp/>

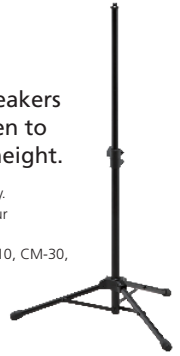
## ■ Option

### ST-CMS1

Monitor Speaker Stand

Attach your satellite speakers to these stands and listen to your music at an ideal height.

- Steel stands provide excellent stability.
- Flexible height adjustment to suit your monitoring environment.
- Supported speakers: CM-220, CM-110, CM-30, MOBILE CUBE



## ■ Setup examples

