

# All the Capacity and Convenience You've Ever Wanted.

No matter what type of playback system you're using, there are surely times when you feel the need for greater capacity, convenience and versatility. When you upgrade to the CAC-V3200, all your wishes are answered. The ability to hold 300 CDs gives you a library of thousands of selections. If that's not enough, you can easily connect up to 49 CAC-V3200s together. Two CD players means zero wait time between selections, and of course the autochanger eliminates fuss and errors in disc handling. Two computer interfaces, as well as analog and digital audio outputs provide all the versatility you need. On top of all this, the unit is compact and economical. Ideal for a variety of professional audio applications, the CAC-V3200 is sure to make your job easier.

## 300 Discs—And You Don't Have to Touch Them.

The CAC-V3200 holds 300 compact discs, meaning you have thousands of selections on-line, ready for playback. And once the discs are loaded, you don't have to touch them again. The smooth autochanger finds, loads, and plays the next disc—no fingerprints, no dropped discs, no mix-ups, no quick grabs—in fact, no problems at all.

## Dual Players for Non-Stop Play

Two compact disc players are built into the unit. When a selection on one disc finishes, the next disc is already in place, so play begins immediately. The result is uninterrupted playback for as long as you wish.

## Surprisingly Compact

Despite its large capacity, the CAC-V3200 won't take up much of your valuable space. Measuring only a little over 23 inches high and just over 14 inches square, it will fit neatly into any professional audio installation.

## Computer Control Options

Two standard I/O interfaces (RS-232C and RS-422A) ensure that you'll be able to use virtually any computer to control the CAC-V3200.

## Analog and Digital Audio Outputs

Independent analog stereo signals are available via both RCA and XLR jacks. A mixed signal output (RCA unbalanced) is provided for applications without stereo mixer capability. Digital outputs are available from each CD player on RCA pin-jack, unbalanced connectors.

## Additional Capacity

If you need more than 300 CDs on-line, Pioneer offers an easy solution. Up to 49 CAC-V3200s can be connected to one controller port and controlled together, giving you an instantly accessible library of 14,700 compact discs.

## Digital Attenuation

Thanks to digital attenuation, you can adjust the analog output from 0 to -84 dB, allowing you to maintain the same signal level regardless of CD recording levels. You can also fade out and fade in between songs, for clean, smooth transitions.

## Pitch Control

A  $\pm 10\%$  pitch control provides extra flexibility during playback.

## Easy Maintenance

Both CD players are easily replaceable from the rear of the cabinet, while the disc elevator and circuitry are fully accessible from the front.

## Simple Design and Operation

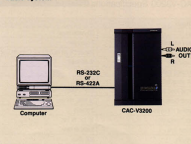
The CAC-V3200's simple, practical design is a key reason for its smooth, reliable operation. The discs are arranged in two vertical racks (left and right) having 150 slots each. At the bottom are the dual CD players. The elevator operates up and down in front of the two racks of discs, just inside the front door panel.

The four vertically arranged pushbuttons are used to select and enter disc address numbers for disc loading. A dip switch is provided for installing and exchanging discs. The 3-digit LED indicator shows the presently selected disc address number. It can also be keyed to indicate cumulative plays.

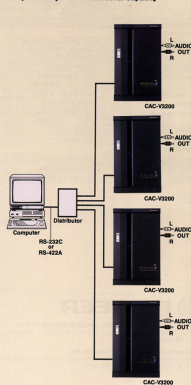
## Rear Cabinet Connections

All connector terminals for the CAC-V3200 are located at the rear of the unit. The logical layout makes connections and installation quick and easy.

## Basic System



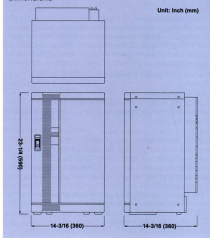
## Multiple-Unit System for Additional Capacity



## CAC-V3200 Specifications

General	
Type	CD Autochanger
Audio Channel	2 channels
Discs	Standard 4-3/4 inch (12cm) Compact Disc
Quantization	16 bit linear
Sampling frequency	44.1kHz
D/A converters	1 bit DAC
Digital attenuator	0 to -84dB, $\pm 0.5$ dB
Speed Control	$\pm 10\%$ , 1/6 step
Number of players	2 players
Disc change time	30 sec. or less
Access time	6 sec. or less
Capacity	300 discs
Power supply	AC 120V, 60Hz
Power consumption	60W
Dimensions (W x D x H)	14-3/16 x 14-3/16 x 23-1/4 inch (360 x 360 x 590mm)
Net weight	62.7 lbs (28.5kg)
Audio Data	
Analog Output	
Output level (RMS, 100%)	2.2V $\pm 0.5$ rms (Type RCA x 3) 400m rms, $\pm 1.5$ dB, -2.2dB (Type XLR 3 x 2)
Output impedance	1k ohms or less
Signal to noise ratio	CDP1, CDP2 110dB (RCA, XLR) MIX 105dB (RCA)
Frequency response	$\pm 0.5$ dB at 20Hz to 20kHz
Distortion	0.007% at 1kHz (EIA)
Channel separation	CDP1, CDP2 103dB (RCA, XLR) MIX 99dB (RCA)
Residual noise	100 $\mu$ Vrms or less
Level difference (L/R)	1.5dB or less
Digital Output	
Output level	0.5V $\pm 20\%$ (PP) (EIA), (Type RCA x 2)
Output impedance	75 ohms $\pm 20\%$ (EIA)
Rise times	70 ns or less (EIA)

## Dimensions



## Professional Versatility

Connectivity is a central part of the CAC-V3200 design concept. Analog audio signals are output through rear-mounted RCA and XLR connectors. This versatility makes the CAC-V3200 a truly professional performer.

To assure that virtually any computer can be used for external program control, both RS-232C and RS-422A interface connectors are mounted at the rear of the cabinet. The layout of connectors is logical and well planned, so installation is always simple and straightforward.

- ① LINE OUT CDP1 jacks (RCA pin-jack, unbalanced)  
Outputs analog audio signals from CD player 1
- ② LINE OUT CDP2 jacks (RCA pin-jack, unbalanced)  
Outputs analog audio signals from CD player 2
- ③ LINE OUT MIX jacks (RCA pin-jack, unbalanced)  
Outputs analog signals by mixing audio signals from CD players 1 and 2

- ④ LINE OUT CDP1 jack (XLR 3-32, balanced)  
Outputs analog audio signals from CD player 1
- ⑤ LINE OUT CDP2 jack (XLR 3-32, balanced)  
Outputs analog audio signals from CD player 2
- ⑥ DIGITAL OUT CDP1 jacks (RCA pin-jack, unbalanced)  
Outputs digital audio signals from CD player 1
- ⑦ DIGITAL OUT CDP2 jacks (RCA pin-jack, unbalanced)  
Outputs digital audio signals from CD player 2
- ⑧ RS-232C connector  
RS-232C interface for connection to a computer or controller
- ⑨ RS-422A TERMINAL RESISTOR switch  
Switches input impedance. Turn to ON when you use RS-422A interface.
- ⑩ RS-422A connector  
RS-422A interface for connection to a computer or controller.
- ⑪ Power switch
- ⑫ AC Inlet

