

RCA

D52120
D61120



HDTV | monitor

GUIDEplusTM 1
GOLD



52/61" ^{diagonal} Digital High-Definition Projection Monitors

- HDTV Monitor²:
 - 1080i Capable
 - 1232 x 1080i Pixel Resolution
- Progressive Scan Up Conversion
- Anamorphic Mode
- Up to 1.3 Million Pixels
- INTELLIFOCUSTM Auto Convergence
- 3D Y/C Digital Frame Comb Filter
- Advanced Twin TunerTM Picture-In-Picture (NTSC Only)
- SYNCROSCANTM HD Component Video Inputs
- SRS Focus³ Audio Technology
- Six Sets of Audio/Video Inputs
- GUIDE Plus+ GOLD¹ On-Screen Program Guide
- Built-In Screen Protector

TELEVISION

RCA

Changing Entertainment. Again.

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RCA Model DTC100



Combining the HDTV-ready Digital High-Definition Monitor with a DTC100 High-Definition Digital Receiver will provide you an HDTV-quality picture.

Within the monitor's 4:3 aspect ratio viewing area, you receive the same pixel resolution inch for inch as with a 16:9 HDTV.

4:3 ratio = 1,330,560 pixels



16:9 ratio = Over 1.5 million pixels



The RCA Digital High-Definition Monitor is our most versatile TV ever.

The RCA brand has always offered innovative technologies to enhance your home entertainment experience. The RCA Digital High-Definition Monitor lives up to this commitment by offering outstanding picture performance and multiple connectivity options. This is the perfect vehicle to help you make the transition into the world of HDTV. The RCA Digital High-Definition Monitor can display 1080i (interlaced) television signals (1,330,560 pixels) when you combine this television with an RCA DTC100 HD/Digital Receiver. In addition, with its six sets of audio and video inputs the RCA High-Definition Monitor has much more to offer outside the world of HDTV. It's the perfect display for analog, digital and HDTV broadcasts, digital satellite receiver, video games, DVD player and your VCR—and they can all be connected at the same time!

High Performance Video System

- Progressive Scan Up Conversion**
 The new RCA HDTV/monitor series employs motion adaptive up conversion using spatial and temporal filtering to de-interlace NTSC video. This process digitally combines two fields of data into one high-resolution image frame.
- Anamorphic Mode**
 The new RCA HDTV/monitor series decodes an Anamorphically encoded digital signal (DVD for example) allowing for maximum horizontal lines of resolution to be displayed.
- INTELLIFOCUS™ Auto Convergence**
 Menu-selectable option that automatically adjusts the TV's convergence using eight optical sensors mounted around the inside of the screen. It results in the sharpest picture possible with corner-to-corner clarity that has to be seen to be believed.
- SYNCRSCAN™ HD Component**
 Automatically adjusts scan rate of component video inputs (Y-Pr-Pb). Allows for connection of regular- or progressive-scan DVD players or component-output HDTV set-top boxes.
- Custom-Designed 5-Element Lens System with Color Correction**
 Provides a brighter picture with improved corner focus and overall video resolution. An integrated thermal focus control ensures accurate pinpoint focus by eliminating heat-related lens movement.
- Digital Focus**
 Computer-aligned ten-bit digital circuitry provides precise and consistent picture performance from the moment the TV is turned on. Combined with Dynamic Focus, it maximizes picture brightness with sharper corner focus, ensuring a beautifully detailed picture across the entire screen.
- 3D Y/C Digital Frame Comb Filter**
 The ultimate in color separation—this three-dimensional filter evaluates both current and future video information, eliminating dot and edge crawl, while providing for better transitions between scene changes—resulting in a dramatically enhanced picture.
- Hi-Gain Dark-Tint Screen—25% Improved Brightness**
 New screen design improves brightness by 25% while utilizing dark-tint double lenticular and fresnel levels to enhance picture contrast with blacker blacks, brilliant whites, and deep rich colors.
- High Performance Video Amplifier**
 Delivers high resolution and clarity by extending the video frequency response. Optimizes performance from high-resolution sources such as the RCA®-DIRECTV™ System, DVD players, and S-Video signals (S-VHS, Hi8).
- Dynamic Focus**
 Improves corner and edge focus for an overall sharper picture.
- Dynamic BlackStretch Circuitry**
 Extends black levels in bright scenes to enhance contrast and detail.
- Deluxe Shielded Tuner with 181-Channel Tuning Capability***
 Special shielding dramatically reduces ghosting caused from off-air pick-up when watching cable channels. Digitally-controlled frequency synthesis tuning system "locks on" to cable and standard signals with unsurpassed accuracy.
- High Performance Scan Velocity Modulation (SVM)**
 Improved SVM circuitry automatically varies the scanning speed of the picture tube's electron beam to improve sharpness and detail, especially in high-contrast areas.
- Adjustable Color Warmth**
 Customer-selectable color temperature system allows for background color balance adjustment of the picture to personal preference. Setting choices are Cool, Warm, or Normal. Warm = NTSC standard of 6500°K.

Sound

- SRS  Focus³ Audio Technology**
 Ingenious new technology from SRS  Labs. Raises the sound stage to ear level providing more lifelike audio. It creates a fully immersive "live performance" listening experience.
- Broadcast Stereo with dbx⁵ Noise Reduction**
 Improves the clarity and fidelity of stereo broadcasts by restoring dynamic range and suppressing unwanted noise.
- Front-Fired Speaker System**
 Front-fired speakers offer 10 watts per channel of audio power. Provide excellent imaging while localizing voices at the screen.

- Second Audio Program (SAP)**
 Decodes the second audio program available on some broadcasts.

Remote

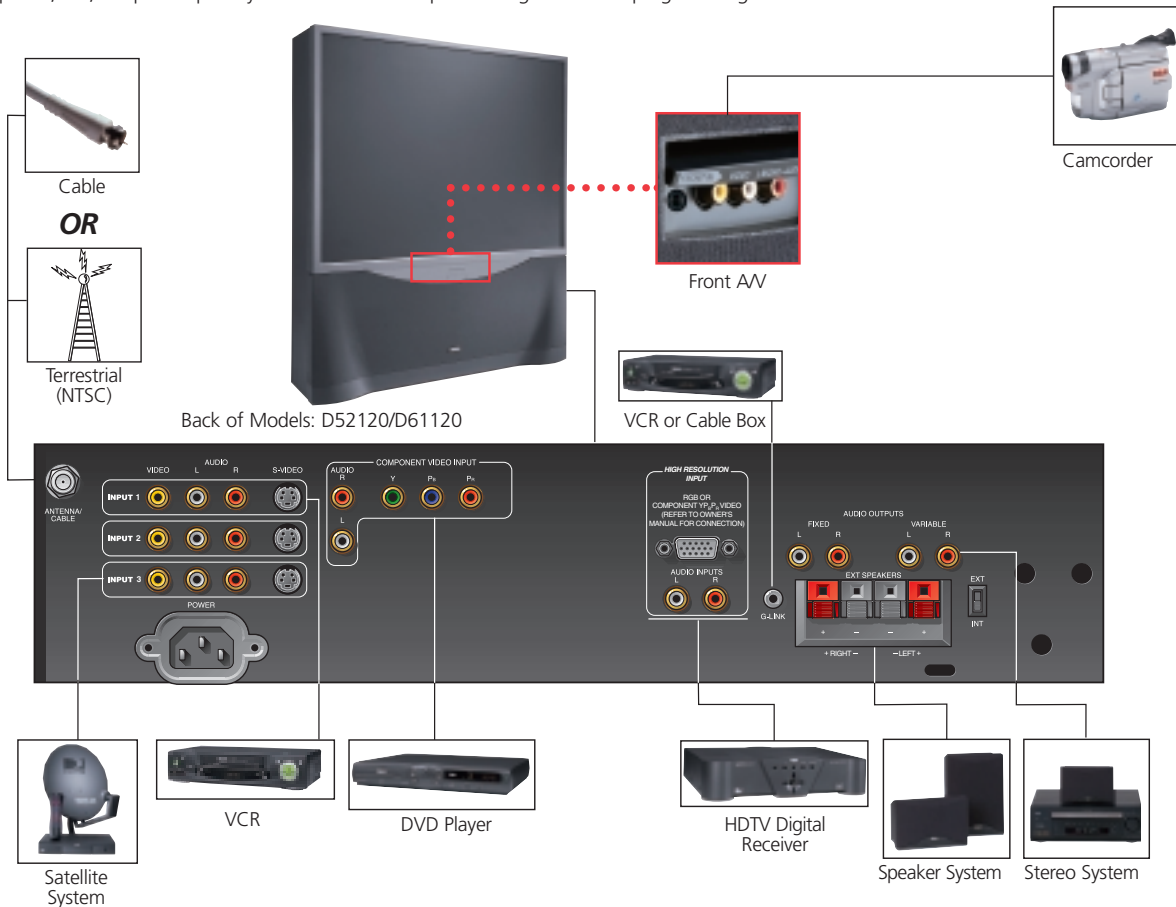
- Universal Backlit Remote CRK76TVL1**



Connections

Connects Your World For Today And Tomorrow

To maximize the performance of the Digital High-Definition Monitor, connect an RCA®-DIRECTV™ System. And the addition of the RCA DTC100 HDTV Digital Receiver provides up to 1,330,560 pixel capability and will enable reception of high-definition programming when it becomes available.



- Six Sets of Audio/Video Inputs!**
 -3 A/V composite inputs each with auto-detectable S-Video input.
 -1 set SYNCROSCAN™ HD component video inputs (YPrPb) allows for connection of regular- or progressive-scan DVD players or component-output HDTV set-top boxes.
 -1 set audio/video inputs located on front panel.
 -1 high-resolution SYNCROSCAN™ input accepts either RGB or YPrPb.

- Audio/Video Outputs**
 -1 pair fixed audio outputs (provides constant level output for recording or for stereo system with its own remote).
 -1 pair variable audio outputs (the output audio level changes with TV's remote).
 -1 set of speaker jacks for external speakers.

- G-LINK¹ Connector**
 The G-LINK¹ connector allows the GUIDE Plus+ GOLD¹ Program Guide to work with your VCR (enabling one-touch record) and/or cable box (ability to tune directly to a station when the program guide is on your TV screen).

Convenience



**WHAT'S ON TV!
Tonight, Tomorrow
and the Next Day!**

"Command" Buttons

Preview Window

Program Info

Guide Selector

Promotional Windows

Channel Line-ups

Program Grids



1 Press Here.

2 The Program Guide appears on your television.

GUIDE Plus+ GOLD[®] Interactive Program Guide

Find out What's On! The GUIDE Plus+ GOLD[®] Program Guide is a FREE, built-in touch that provides instant listings of all your TV shows at the touch of a button. View listings up to seven days in advance and enjoy the capability of One-Touch Recording to your VCR.

2 ways to find your programs



The Grid Guide

Using your remote, easily scroll through current or future TV listings to see what's on. As each program is highlighted, an informative summary appears in the Program Info area.

The Sort Guide

Find your favorite sports, movies, or kids' programs, for up to seven days in advance, instantly with the Sort Guide.



And The Benefit of One-Touch Record*

Even if your VCR is flashing 12:00, the GUIDE Plus+ GOLD[®] Program Guide can record your favorite shows. Simply use your remote to highlight the program you want to record, set it to record and the GUIDE Plus+ GOLD[®] Program Guide does the rest! You can even set shows to record daily and weekly!

*compatible with most VCRs



MSNBC News Guide

Check out up-to-date national and world news stories from MSNBC in the News Guide. Comprehensive coverage includes business, sports, and entertainment news.

• INTELLIFOCUS™ Auto Convergence

Menu-accessible feature automatically optimizes convergence for the sharpest picture possible.

• Advanced Twin Tuner™ Picture-In-Picture

Two built-in, independent tuning systems allow both large-picture and small-picture viewing without the need for a second external source (eg. VCR). In addition to standard RCA features of swap, the Twin Tuner™ PIP System also provides:

–Continuous Move

Permits placement of the small picture anywhere on the screen.

–Commercial Skip-to-PIP

This exclusive RCA feature allows the main picture to move to the PIP window simultaneously with the activation of an on-screen countdown timer. The viewer can then monitor the original program while browsing through other channels during commercial breaks.

• Picture Reset

Instantly returns picture to factory settings for Color, Tint, Contrast, Brightness, and Sharpness.

• Personal Picture Settings

Favorite settings for each set of inputs can be programmed into memory.

• Built-In Screen Protector

Protects screen against marks, scratches and other damage. Brightens color and contrast for enhanced TV viewing.

• Advanced Auto Channel Search

Auto Cable/Air Switch sets tuner to cable or "off-air" frequencies during initial setup. Then system automatically scans for and locks active channels into channel memory.

• On-Screen Menu System

On-screen displays make it easy to adjust more picture, sound, and convenience features from either the remote control or the TV front panel buttons.

• Interactive Setup Menu

Convenient on-screen menu system automatically steps user through the initial setup procedures.

• Channel Labeling

Assign on-screen characters to easily identify channels (e.g. NBC, HBO, ESPN, VH-1).




• Front Panel Lockout

Completely disables front panel controls to prevent toddlers from altering settings.

• V-Chip Parental Control

Puts control back into the hands of the viewer by blocking unwanted television broadcasts with U.S. Government required circuitry. Blocks three types of programs: regular television programs, broadcast movies and unrated programs.

Program rating information is sent by the broadcaster continuously during the program. The television will match program rating to user preference and block the entire program (when program is aired with the encoded signal). User preference is secured using a four-digit password.

Model	D52120	D61120
Picture		
Hi-Gain, Dark-Tint Screen	Yes	Yes
Progressive Scan	Yes	Yes
Dynamic Focus	Yes	Yes
Scan Velocity Modulation	Yes	Yes
Anamorphic Mode	Yes	Yes
Comb Filter	3D Y/C Digital Frame	3D Y/C Digital Frame
Auto Color Control	Color Level & Tint	Color Level & Tint
BlackStretch	Yes	Yes
Color Detail Enhancement	Yes	Yes
Wide Band Video Amplifier	Yes	Yes
Video Noise Reduction	Yes	Yes
Calibrated Color Temperature	6500 & 9300 Kelvin	6500 & 9300 Kelvin
SYNCROSCAN™ Modes		
NTSC	15.7kHz/30Hz Interlaced	15.7kHz/30Hz Interlaced
Digital TV Mode	1080 Interlaced	1080 Interlaced
Horizontal Resolution		
Lines Per Picture Height	924	924
Lines Per Picture Width	1232 ⁶	1232 ⁶
Sound		
Audio Power (Watts) Total	20 (10 Watts/Ch)	20 (10 Watts/Ch)
dbx ⁵ Broadcast Stereo	Yes	Yes
Second Audio Program	Yes	Yes
SRS  Sound Retrieval System ³	SRS  Focus	SRS  Focus
Speakers	2 – 5" x 7" Full Range and 2 – 2" Tweeters	2 – 5" x 7" Full Range and 2 – 2" Tweeters
Convenience		
INTELLIFOCUS™ Auto Convergence	Yes	Yes
Channel Tuning Capability ⁴	181	181
Twin-Tuner™ Picture-In-Picture	Yes	Yes
PIP Swap And Move	Yes	Yes
Channel Labeling	Yes	Yes
V-Chip Parental Control	Yes	Yes
GUIDE Plus+ GOLD ² with News	Yes	Yes
Stereo Headphone Jack	3.5mm Stereo Mini-Jack	3.5mm Stereo Mini-Jack
Front A/V Input	Composite, L/R Audio	Composite, L/R Audio
Universal Remote	Backlit	Backlit
Back Panel Inputs/Outputs		
A/V Inputs	3 – S-Video / Composite, L /R	3 – S-Video / Composite, L /R
SYNCROSCAN™ HD	YPrPb (RCA Jacks):	YPrPb (RCA Jacks):
Component Video Input	15.7 – 37.7 kHz	15.7 – 37.7 kHz
UHF/VHF, Cable Input	75-OHM Terminal	75-OHM Terminal
High-Definition Input	15-Pin D-SUB/YPrPb/RGB	15-Pin D-SUB/YPrPb/RGB
Audio Output Jacks	Fixed & Variable	Fixed & Variable
External Speaker Terminals	1 Pair	1 Pair
User Adjustments		
	Adjustable Via On-Screen Menu	Adjustable Via On-Screen Menu
Basic Adjustments	Cont, Col, Tint, Blk Level, Sharp.	Cont, Col, Tint, Blk Level, Sharp.
Advanced Adjustments	Noise Filtr., Color Temp.	Noise Filtr., Color Temp.
Audio	Bass, Treb., Bal., Vol., Mute	Bass, Treb., Bal., Vol., Mute
General Specifications		
Screen Size (measured diagonally)	52"	61"
Product Dimensions (H x W x D)	51½" x 44¾" x 25"	61¼" x 51½" x 25¾"
Approximate Shipping Weight	278 Lbs.	305 Lbs.
Finish	Silver Shark/Charcoal	Silver Shark/Charcoal


Plus

- **Limited Warranty**

- One year for labor charges.
- One year for parts.
- Two years for picture tube.
- See RCA dealer or visit www.rca.com for complete details.

D52120



- 1 GUIDE Plus+ GOLD and G-LINK are trademarks of Gemstar-TV Guide International, Inc.
- 2 HD/Digital receiver required to receive digital TV signals.
- 3 SRS, the SRS symbol , Focus and Sound Retrieval System are registered trademarks of SRS Labs, Inc.
- 4 Check your cable company's compatibility requirements.
- 5 dbx is a registered trademark of Carillon Electronics Corporation.
- 6 Lines per picture width, 924 lines based on EIA measurement criteria.

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