

# RCA

D36TF30



**HDTV** | monitor

**GUIDEplus™ 1**  
GOLD

**TruFLAT**

TELEVISION

## 36" diagonal Digital High-Definition TruFlat™ Monitor

- HDTV TruFlat™ Monitor<sup>2</sup>:
  - 800 x 1080i Pixel Resolution
- Up to 864,000 Pixels
- 1080i Display of High-Definition Signals
- Progressive Scan Up Conversion
- 3-Line Digital Comb Filter
- Advanced Twin Tuner™  
Picture-In-Picture (NTSC Only)
- Six Sets of Audio/Video Inputs
- SRS Focus<sup>3</sup> Audio Technology
- SYNCROSCAN™ HD Component  
Video Inputs
- GUIDE Plus+ GOLD<sup>1</sup> On-Screen  
Program Guide

# RCA

Changing Entertainment. Again.

[www.rca.com](http://www.rca.com)

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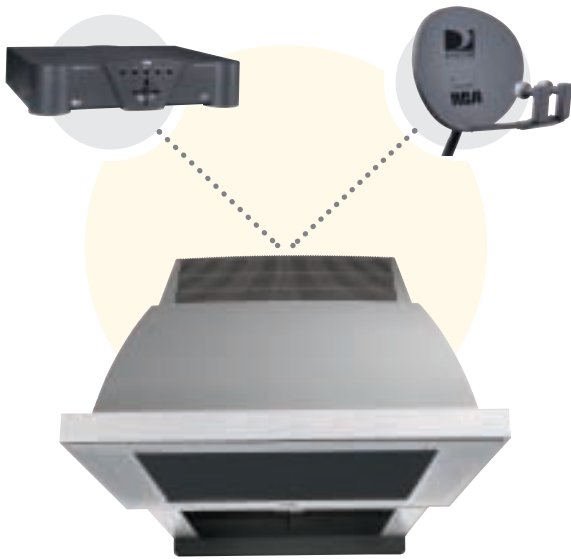


### The RCA High-Resolution Digital Monitor is our most versatile TV ever.

The RCA brand delivers innovative technologies to enhance your home entertainment experience. The RCA Digital High-Definition TruFlat™ 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 (864,000 pixels) when you combine this television with an RCA HD/Digital Receiver. In addition, with its six sets of audio and video inputs the RCA High-Definition TruFlat™ 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!

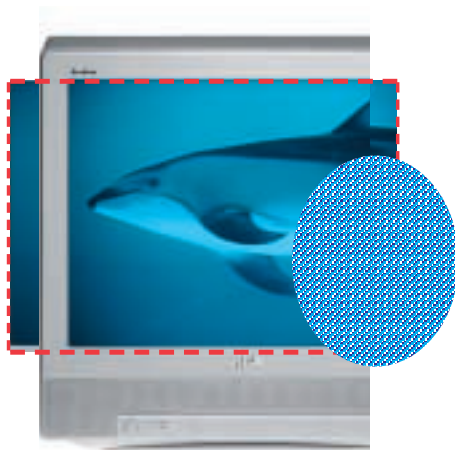
RCA Model DTC100  
High-Definition Digital Receiver  
(sold separately)

RCA Multi-Satellite Dish Antenna  
(sold separately)



### Combine the Digital High-Definition TruFlat™ Monitor with a DTC100 High-Definition Digital Receiver to get 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.




16:9 ratio = Over 1 million pixels  
4:3 ratio = 864,000

### High-Performance Video System

- TruFlat™ Technology**  
 New technology allows our TruFlat tubes to be flat not only on the outside, but the inside as well. This allows near perfect alignment between the tension mask and the glass panel. This technological feat allows an increase in the number of mask apertures and reduces the dot pitch. The TruFlat tube is designed to provide a distortion-free viewing experience ideal for HDTV, digital broadcast and emerging multimedia applications.
- 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. This process also supports Adaptive Film Mode for optimum output using video converted from film.
- Anamorphic Mode**  
 The new RCA HDTV|monitor series decodes an Anamorphically encoded digital signal (DVD for example) allowing for the maximum horizontal lines of resolution to be displayed.
- SYNCROSCAN™ HD Component Inputs**  
 Automatically adjusts scan rate of component video inputs (YPrPb). Allows for connection of regular or progressive-scan DVD players or component-output HDTV set-top boxes.
- 3-Line Digital Comb Filter**  
 Separates black-and-white detail from color information to virtually eliminate edge crawls and rainbow effects while extending picture resolution.
- Video Noise Reduction**  
 Video noise filter greatly reduces noisy picture interference by automatically adjusting to the incoming signal level, providing a cleaner and more consistent overall picture.
- Auto Color Control**  
 Automatically maintains natural flesh tones and color fidelity from channel to channel and scene to scene.
- Dark-Tint, High-Contrast Picture Tube**  
 Delivers outstanding picture contrast for blacker blacks, brilliant whites, and deep rich colors even in bright room conditions.
- Deluxe Shielded Tuner with 181-Channel Tuning Capability<sup>6</sup>**  
 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.
- Dynamic BlackStretch Circuitry**  
 Extends black levels in bright scenes to enhance contrast and detail.
- 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.
- High-Performance Video Amplifier**  
 Delivers high resolution and clarity by extending the video frequency response. Optimizes performance from high-resolution sources such as an RCA®-DIRECTV™ System, DVD players, and S-Video signals (S-VHS, Hi8).
- High-Resolution Dynamic Focus Electron Gun**  
 Specifically designed to optimize picture performance. Improves corner and edge focus for an overall sharper picture.

## Sound

- **SRS  Focus<sup>3</sup> Audio Technology**

Ingenious technology from SRS  Labs. Raises the sound stage to ear level providing more lifelike audio. Combined with SRS<sup>3</sup> 3D Sound, it creates a fully immersive "live performance" listening experience.

- **Broadcast Stereo with dbx<sup>5</sup> 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

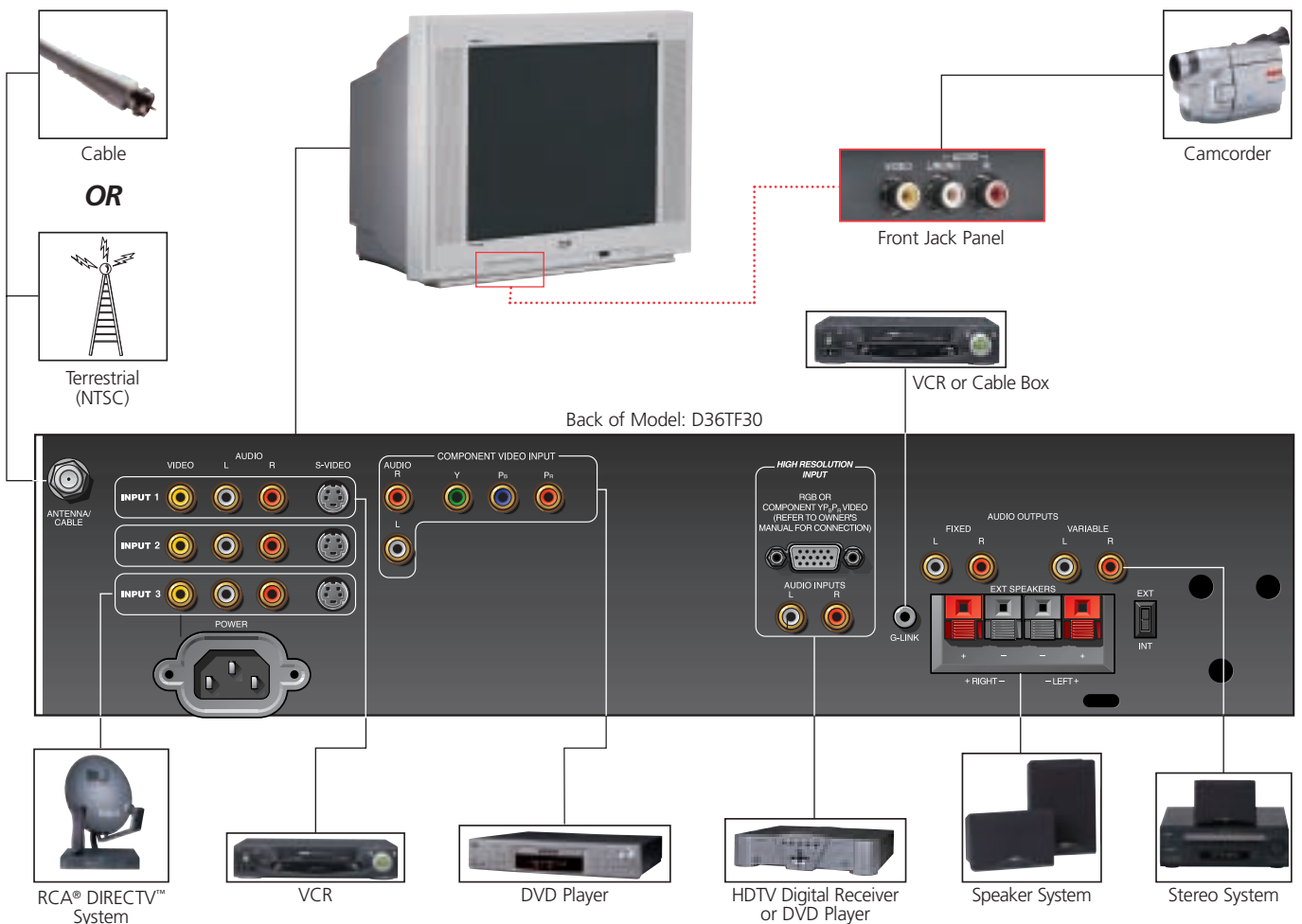
- **Universal Backlit Remote CRK76TVL1**



## Connections

### Connects Your World For Today And Tomorrow

Have the flexibility to enjoy today's NTSC broadcast and cable reception, plus experience both terrestrial and satellite high-definition programming with the addition of the DTC100 HDTV Digital Receiver. (Dish and programming subscription required for satellite programming. Both are sold separately.)



# Convenience



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

"Command" Buttons

Preview Window

Promotional Windows

Channel Line-ups

1 Press Here.

2 The Program Guide appears on your television.



Program Info  
Guide Selector

Program Grids

## GUIDE Plus+ GOLD<sup>®</sup> Interactive Program Guide

Find out What's On! The GUIDE Plus+ GOLD<sup>®</sup> Program Guide is a FREE, built-in service 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<sup>®</sup> 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<sup>®</sup> 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.

### • 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.

### • Advanced Twin Tuner<sup>™</sup> Picture-in-Picture

Two built-in independent tuning systems allow both large-picture and small-picture viewing without the need for a second external video source (e.g. VCR). In addition to standard RCA PIP feature of Swap, the Twin Tuner<sup>™</sup> 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.

### • Channel Labeling

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

### • On-Screen Menu System

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

### • Front Panel Lockout

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


### • Picture Reset

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

### • 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	D36TF30
<b>Picture</b>	
Tube Technology	TruFlat™
Optimum Contrast Screen	Yes
Picture Power (Watts)	65
Invar Shadow Mask	Yes
Dynamic Focus	Yes
Scan Velocity Modulation	Yes
Aperture Sharpness	Yes
Comb Filter	Digital 3-Line
Auto Color Control	Color Level & Tint
Anamorphic Mode	Yes
Color Detail Enhancement	Yes
Wide Band Video Amplifier	Yes
BlackStretch	Yes
Video Noise Reduction	Yes
Calibration Color Temp.	6500 & 9300 Kelvin
<b>SYNCROSCAN™ Scan Modes</b>	
NTSC	15.7kHz/30Hz Interlaced
Digital TV Mode	480p-1080i
<b>Sound</b>	
Audio Power (Watts) Total <sup>4</sup>	20 (10 Watts/Ch)
dbx <sup>5</sup> Broadcast Stereo	Yes
Second Audio Program	Yes
SRS Sound Retrieval System <sup>3</sup>	SRS  Focus
<b>Convenience</b>	
Channel Tuning Capability <sup>6</sup>	181
Twin-Tuner™ Picture-In-Picture	Yes
PIP Swap And Move	Yes
Channel Labeling	Yes
V-Chip Parental Control	Yes
GUIDE Plus+ GOLD <sup>1</sup> w/News	Yes
Stereo Headphone Jack	3.5mm Stereo Mini-Jack
Side A/V Input	Composite, L/R Audio
Universal Remote	Backlit
<b>Back Panel Inputs/Outputs</b>	
A/V Inputs	3-S-Video/Composite, L/R
SYNCROSCAN™ HD Component Video Input	YPrPb
High-Resolution SYNCROSCAN™ Input	15 Pin Sub D, (YPrPb/RGB)
UHF/VHF, Cable Input	75-OHM Terminal
Audio Output Jacks	Fixed & Variable
External Speaker Terminals	1 Pair
<b>User Adjustments (Adjustable Via On-Screen Menu)</b>	
Basic Adjustments	Cont, Col, Tint, Blk Level, Sharp.
Advanced Adjustments	Noise Filt., Color Temp.
Audio	Bass, Treb., Bal., Vol., Mute
<b>General Specifications</b>	
Screen Size (measured diagonally):	36"
Product Dimensions (H x W x D):	29 $\frac{3}{4}$ " x 40 $\frac{1}{16}$ " x 23 $\frac{3}{8}$ "
Optional Base	RTF36
Finish	Silver Suede


## 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](http://www.rca.com) for complete details.

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 20 watts = 10 watts per channel, RMS rating into 8 ohms 50Hz-20,000Hz, ±3db with less than 1% THD.

5 dbx is a registered trademark of Carillon Electronics Corporation.

6 Check your cable company's compatibility requirements.



# RCA

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