



## HD65W40

65" (Diagonal) 16x9 HDTV with  
Integrated ATSC Tuner



### Features

Integrated ATSC Tuner

Motion Adaptive Reverse 3:2 Pulldown

InfiniFocus™ HD CRTs - Improved Tubes With Longer Necks

Linear Motion Upconverter (Progressive Scan)

60-Watt Audio System (30-Watt Sub-Woofer)

DVI Input with HDCP - New Connectivity

IntelliFocus™ Digital Auto Convergence

### Benefits

Built-in ATSC Digital Tuner delivers off-air reception of local HDTV and digital broadcasts with the simple addition of an antenna (sold separately).

A process that effectively marries film standards with video standards to allow optimum viewing regardless of the program source.

Higher performance scan velocity modulation & improved electronic guns resulting in sharp, high-resolution images, great detail & better transition between images.

Removes scan lines and reduces flicker and motion artifacts common in regular video signals. The result is a cleaner, smoother film-like image.

15W/Channel along with a built-in 30W sub-woofer allows for theatre quality sound from existing TV speakers - provides enhanced bass and low effects.

DVI-HDTV allows transmission of (uncompressed digital) video signals from a set-top box to a digital TV. DVI delivers the purest digital transmission available today.

Digitally optimizes convergence for the sharpest picture possible.



# HD65W40

## Technical Specifications

BRAND	
BRAND	RCA
PICTURE	
Screen Size - diagonal (inch)	65
Category	HDTV
Aspect Ratio	16x9
CRT / Light System	InfiniFocus™ High Output
Hybrid Lens System	Delta 260
Color-Corrected C Elements	Yes
Dynamic Focus	Yes
Convergence	Auto
1st Surface Reflective Mirror	Yes
Screen Type	Optimum Contrast, High-Resolution
Protective Shield	Yes
Video Noise Reduction	Adaptive
Progressive Scan	Yes
Scan Rate Converter	Yes
Comb Filter	3D Y/C Digital Frame
3:2 Pull Down	Yes - Reverse
Adjustable Color Temp	Yes
Auto Color Balance (AKB)	Yes
Dynamic Color Stretch Circuitry	Yes
Scan Velocity Modulation - SVM	Menu Selectable
Contrast Expand (B&W Stretch)	Yes
Format Control	Remote Control + TV Menu
Automatic Letterbox Detection	-
Picture Presets	3+Personal
Viewing Angle	160 degrees
Horiz Resolution (Picture Width)	1200
Picture Power (watts)	42
Wide Band Video Amplifier	Yes
SOUND	
Sound Type	Brdcst Str w/dbx <sup>3</sup> Noise Reduction
Second Audio Program (SAP)	Yes
3D Audio Surround Processor	SRS TruSurround & SRS Focus <sup>1*</sup>
Tone Control	7-Band Graphic Equalizer
Balance Control	Yes
Front Speakers (number)	4
Fully Enclosed Speaker System	Yes
Total Watts	60 (15/Chan +Subwoofer)
Integrated Subwoofer	Yes - 30 Watts
Channels / Watts	2 Channels, 15 Watts Per
Sound Logic™ Audio Leveler	Yes
Sound Presets	7 Modes + Personal
Headphone Adjustments	w/Main Volume
Dolby Digital <sup>2</sup> Pass-Through	Yes
RECEPTION	
Tuning Capability	NTSC/ATSC
Digital Cable Compatibility	IEEE1394 DTV-LINK/DVI/YPrPb <sup>2A</sup>
HD Ready	Yes
CONVENIENCE	
Interactive Set-up w/ Menus	Yes
Integrated Web Browser <sup>2*</sup>	Yes - with WIN CE v3.0 <sup>2*</sup>
Power ON Indicator	Green LED
Auto Channel Search	Yes
Multilingual On-Screen Display	English/French/Spanish
One Button Launch for Inputs	Yes - Auto Tune
Energy Star Qualified	-
Channel Labeling	Auto (via epg Data)
Commercial Skip	Yes
Parental Control (V-Chip)	Yes
Picture Reset	Yes
Picture-in-Picture	Twin Tuner
Picture Freeze	-
Pic Memory Presets for Vid Inputs	Yes
GUIDE Plus+ <sup>1</sup> Program Guide	Yes (Free Service)
One-Touch VCR Record <sup>12</sup> (Gemstar)	Yes
Picture in Guide	Yes
PSIP Guide	Yes
Timers	Clock/Sleep/Turn-On
Lighted Control Panel	-

REAR CONNECTORS	
RF Input (Antenna)	2
Audio/Video Inputs (Composite)	2 L&R Audio, 2 Video
S-Video Input	2 - Auto-Detectible
Component Video Input (YPrPb)	2 - SYNCROSCAN™
External Center Channel Input	Yes
DVI-HDCP: Digital Visual Interface	1 DVI-HDTV
Sub Woofer Output	-
Audio Outputs (L+R)	1 Set - Menu Switchable
A/V Outputs (Composite)	RF-NTSC/ATSC Only
DVD A/V Outputs	-
Audio Output (Coaxial/Optical)	SP-DIF (Optical)
Amplified Speaker Outputs	L & R Front Speaker Out
G-LINK <sup>1</sup> Connector	Yes
IEEE1394 Connector	DTV-LINK (2)
Broadband Conn (Ethernet RJ45)	Yes
Gold Jacks	Yes

FRONT CONNECTORS	
Audio/Video Inputs (Composite)	1 L&R Audio, 1 Video
S-Video Input	1 - Auto Detectible
Headphone Jack	3.5mm Stereo

SPECIFICATIONS	
Color, Overall (Screen Frame for PTVs)	Silver
Color - Center Panel (PTVs)	Silver
Color - Speaker Grill (PTVs)	Silver Diamond Suede
Color - Base Board (Toe Plate) (PTVs)	-
Color - Back	Slate
Product Size (WxHxD) inches	60 x 61 1/2 x 26 1/8
Packaging Size (WxHxD) inches	66 3/8 x 67 x 31 1/2
Weight: Product/Packaged, lbs	230 / 320

REMOTE CONTROL	
Model Number	RCR160TALM1
Type	Universal Partially Backlit

INCLUDED ACCESSORIES	
Instruction Book Languages	English/French

OPTIONAL ACCESSORIES	
Stand / Component Cabinet	- / RAV100SS

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- 2<sup>o</sup> - Requires monthly fee for broadband or cable modem subscription. May not be available in all areas.
- 2\* - WIN CE is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- 2<sup>A</sup> - Assumes cable companies will use these standard connections for transferring the output of the box to the display device.
- 3 - dbx is a registered trademark of Carillon Electronics Corporation.
- 12 - VCR required for recording.

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Revised 9/15/03

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