



1080p Full HD Display - With Full HD, there's no need to scale down a 1080 signal. With twice the pixel resolution of 720p HD models, Full HD creates the pinnacle in picture quality.

ClearFrame™ - This advanced system virtually eliminates motion blur without decreasing image brightness, or adding flicker. Images are now crisp and clear regardless of image motion. ClearFrame™ doubles the displayed frame rate to 120 frames per second or 120 Hz. ClearFrame™ utilizes superior Motion Vector Frame Interpolation (MVFI) technology. Utilizing the power of the PixelPure™ processor, MVFI creates new frames, inserting them between the original frames.

ColorBurst™ - Wide color gamut LCD expands the number of available colors and improves the color accuracy. While standard LCD panels may only reproduce 72% of the NTSC color gamut, ColorBurst™ utilizes enhanced CCFL back-light technology to expand the color range to 90%+. This significantly improves both color purity and color saturation, and combined with superior processing and a superior back-light, creates colors that are vibrant and natural.

PixelPure 3G™ - PixelPure 3G™ has a high 14-bit internal digital video processing, for accurate 12-bit output, and is therefore capable of producing an amazing 4,096 levels of gradation for a smooth, natural picture without image banding.

DynaLight™ Back-Light Control - DynaLight utilizes advanced PixelPure histogram image processing to monitor the brightness level of each video frame, and automatically adjusts the backlight intensity based on the image content.

Precise signal analysis allows for 256 levels of backlight control. This creates seamless transitions, and a Dynamic contrast that is up to 5X that of the original panel contrast.

The result is a considerably deeper black level for increased detail and depth. All 2007 REGZA models include DynaLight to create superior lifelike images, even in low light environments.

Cinespeed™ LCD panel with 10 bit video output has the 8ms or less response speed necessary for cleaner high-action home theater images. A wide viewing angle ensures that you'll have the best seat in the house.

New Premium Cabinetry - New gloss black premium cabinetry incorporates the SoundStrip™ speaker system, for rich sound, from a slim compact design, with only a thin strip of cabinet visible beneath the screen.

52LX177 SPECIFICATIONS

Video

CineSpeed™ Panel features:

8ms or Less	✓
10-Bit Video Output	✓
Display Resolution	1080p (1920 x 1080)
ColorBurst™ Wide Color Gamut LCD	✓
PixelPure™ 14 bit Digital Video Processing	✓
ClearFrame™ 120Hz Anti-Blur Technology	✓
Dynamic Back Light	✓
Dynamic Contrast (4-Item)	✓
Native Mode™	✓
TheaterWide® Modes	6 (inc. Native Mode)
Auto Aspect Detection	✓
ATSC/NTSC/QAM Digital Tuner	✓
4:3 HD Mode	✓
ColorMaster™	✓
Static Gamma	✓
Color Temperature Control	Cool, Med, Warm
Blue & Green Drive Adjustment	✓
DNR for all inputs (except PC)	✓
Picture Freeze	✓

Audio

SRS®WOW™	✓
Dolby® Digital (AC3)	✓
Dolby® Digital Dynamic Range Control	✓
StableSound®	✓
Total Wattage	20w
Two-level Mute (Half Mute/Full Mute)	✓

Convenience

6-Item Illuminated Universal Remote*	✓
Channel Browser™ and Favorite Browser™	✓
Auto Input Selection	✓
Game Mode	✓
Channel Labeling	✓
Input Labeling	✓
Auto Date/Time	✓
On/Off/Sleep Timer	✓
GameTimer™	✓
Auto No Signal Off Feature	✓
Built-In Discrete IR Codes	✓

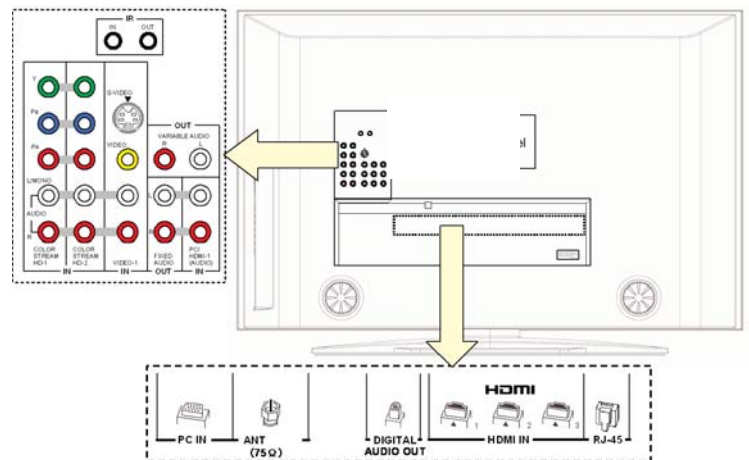
Connections

HDMI™ Inputs	3
HDMI Input Support	1080p 60/30/24Hz
CE-LINK™ (HDMI CEC Support)	✓
Deep Color Support	✓
xvYCC Enhanced Color Space Support	✓
HDMI Lip Sync Support	✓
HDMI Input PC Support	VGA/480i/480p/720p/1080i/1080p
PC Input	15 Pin D-Sub
ColorStream® HD Component Inputs	2
THINC™mail (RJ-45)	✓
Side AV Inputs	1
Rear S+AV Inputs	1
RF Inputs	1
IR Input	✓
IR Pass Through	✓
Fixed/Variable Audio Out	1
Optical Audio Out	1
Service Port (SD Card Slot-Service Only)	1

Product & Packaging

Unit (w/o Stand) WHD (in.)	50.43 x 31.20 x 5.08
Unit (w/Stand) WHD (in.)	50.43 x 33.37 x 15.37
Carton WHD (in.)	54.84 x 34.75 x 12.81
Unit (w/o Stand) Weight (lbs)	89.74
Unit (w/Stand) Weight (lbs)	101.43
UPC	022265000700

*In some cases, the remote control may not operate additional devices or certain features of such devices, in which case, it is suggested that you use the original remote control for the applicable device.



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Product design and specifications subject to change or modification without notice.