



50PQ20

50" High Definition Plasma TV
(50.0" diagonal)



The PQ20 Series uses advanced panel technology such as 600Hz Sub Field Driving for superior performance in an HD resolution display.

TV

- 720p HD Resolution
- 600Hz Sub Field Driving
- 2,000,000:1 Dynamic Contrast Ratio
- 1,500 cd/m² Brightness
- Image Sticking Minimization
- Dual XD[®] Engine
- ISFccc[®] Ready
- AV Mode II (Cinema, Sports, Game)
- LG SimpLink[™] Connectivity
- 100,000 Hour Panel Life (typ.)
- NTSC/ATSC Tuners with Clear QAM

AUDIO

- Output Power: 10W x 2
- Invisible Speaker System
- Clear Voice II
- SRS TruSurround XT[™]
- Auto Volume Leveler
- Dolby[®] Digital 5.1 Decoder

SMART ENERGY SAVINGS

- Intelligent Sensor Mode
- Video Mute
- ENERGY STAR[®] 3.0 Rated

CONNECTIVITY

- 3 HDMI[™] V1.3 with Deep Color (2 rear/1 side)
- 2 HD Component Video Inputs (rear)
- 2 Composite Inputs (1 rear/1 side)
- 1 S-Video Input (rear)
- 1 Digital Audio Out (Optical) (rear)
- USB 2.0 (JPEG/MP3) (side)
- PC Connectivity (D-sub 15pin)
- RF Antenna input

PLASMA TV



50PQ20

50" High Definition Plasma TV
(50.0" diagonal)



PLASMA SPECIFICATION

Screen Size	50" Class (50.0" diagonal)
Native Display Resolution	1365 x 768
Brightness (cd/m ²)	1,500
Dynamic Contrast Ratio	2,000,000:1
Color Reproduction	10Bit
Image Sticking Minimization (ISM)	3 Modes
600Hz Sub Field Driving	•
Altitude	2,900m/9,514ft
Life Span (Typical)	100,000 hours

BROADCASTING SYSTEM

Analog	•
ATSC/NTSC/Clear QAM	•

VIDEO

Dual XD Engine®	•
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes
Just Scan (1:1 Pixel Matching)	•
- HDMI™	1080p/1080i/720p
- Component	1080p/1080i/720p
- RF	1080i/720p
Enhanced Noise Reduction (Video Noise Filter)	• (3D & MPEG)
Color Temperature Control	3 Modes
3:2 Pulldown	•
Picture Reset	•
AV Mode II (Picture & Sound)	3 Modes
Picture Mode	7 Modes
ISFccc Ready	•
Intelligent Sensor Mode	•
XD Color	•
DTV Signal Strength Indicator	•

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	10W + 10W
Invisible Speaker System Details	1 Way 2 Speaker
Dolby® Digital Decoder	•
Surround System Type	SRS TruSurround XT
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
Sound Mode	5 Modes

SPECIAL FEATURES

Freeze Frame	•
Smart Energy Saving	•
Mechanical Power Off	•
1080p Source Input	•
- HDMI	60p/30p/24p
- Component	60p/30p/24p
- RGB	60p
A/V Input Navigation	•
Input Labeling	•
Quick View (Previous Channel)	•
Quick Setup Guide	•
e-Manual	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
LG SimpLink (HDMI CEC)	•

CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Alvin UI	•
Auto Tuning/Programming	•
Channel Add/Delete	•
Channel Labeling	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep (When no video is present)	•

SIDE AUDIO/VIDEO INPUTS/OUTPUTS

L/R Audio/Component Video In	1
HDMI/HDCP Input	1 (V1.3 with Deep Color)
USB 2.0 (JPEG/MP3)	1

REAR AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
L/R Audio/Component Video In	1
S-Video In	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	2
Digital Audio Out	1 (digital)
HDMI/HDCP Input	2 (V1.3 with Deep Color)
RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1
Remote Control In Port	1

CABINET/ACCESSORIES

Cabinet Color	Glass
Stand Swivel	20°/20°
VESA® Compliant (WxH)	200mm x 200mm
Remote Control Type	Unified

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
On Mode (Average)	279W
Stand-by Mode	0.13W
ENERGY STAR 3.0 Compliant	•

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	47.9" x 29.9" x 3.3"
TV with stand (WxHxD)	47.9" x 32.2" x 13.9"
Shipping Dimensions (WxHxD)	58.9" x 34.7" x 11.3"
TV without stand weight	68.8lbs
TV with stand weight	74.3 lbs
Shipping weight	88.0lbs

WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor/2 Year Panel
UPC	719192175228

Design, features and specifications subject to change without notice. Non-metric weights and measurements are approximate.
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03/10/09

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