

PX-42VP10 / PX-42XP10 SPECIFICATION

Physical		PX-42VP10	PX-42XP10
Screen Size		42" (Diagonal)	42" (Diagonal)
Class		WVGA	WXGA
Aspect Ratio		16:9	16:9
Number of Pixels		852x480	1024x768
Pixel Pitch (Sub-Pixel)		1.095mm (H) x 1.08mm (V)	0.90mm (H) x 0.67mm (V)
Brightness		700cd/m ²	700cd/m ²
Contrast		1200:1	1000:1
Displayable Colors		16.7 Million Colors	16.7 Million Colors
Viewing Angle		>160°	>160°
Signals			
Synchronization		Auto Detect	
Horizontal Frequency		15KHz / 31~69KHz	
Vertical Frequency		50-85Hz	
Video System Compatibility		NTSC	
ATSC Video Compatibility		480i, 480p, 1080i, 720p	
RGB/DVI Resolution	PC Signal	VGA 640x480 @ 50, 60, 72, 75, 85Hz SVGA 800x600 @ 56, 60, 72, 75, 85Hz XGA 1024x768 @ 60, 70, 75, 85Hz WVGA 852x480 @ 60Hz (PX-42VP10 Only) 720x480 @ 60Hz (PX-42XP10 Only) SXGA 1280x1024 @ 60, 75Hz DOS 720x400 @ 70Hz VGA 640x350 @ 70Hz	
	Macintosh	640x480 @ 67Hz 832x624 @ 75Hz 1152x870 @ 75Hz	
Audio			
Speakers		Internal (Std)/ Sidemount (Opt)	
Amplifier		Built-in 5W x 2 @ 10%THD	
Processing		BBE® and Surround Sound	
Connectivity			
NTSC TV/CATV Tuner		Optional	
Digital Input (DVI)		DVI+ HDCP 24-pin x 1 Set	
RGB Input		D-Sub 15-pin x 1 Set	
RGB Output		D-Sub 15-pin x 1 Set	
Composite/S-Video Input		Optional	
Component Video (Auto-Signal Sync)		Optional	
Audio Input		RCA type x 2 Sets	
Audio Output		Optional	
External Subwoofer Output		Optional	
RS232 Control Port		D-Sub 9-pin x 1 Set	
User Controls			
Front Panel		Power, Input Selection, Volume, Menu, OSD Selection	
Remote Control		Power, Input Selection, Volume, Menu, OSD Selection Mute, CH Up/Down*, PIP/POP Selection, Swap Key PIP Position, Menu, Recall, Display, Favorite*, CH Lock* Wide, Sleep Timer, MTS* ¹ , Close Captioning* ¹ , V-Chip* ¹ , Direct Input Selection Keys, Discrete Power Contrast, Brightness, Color, Tint, Sharpness, Color Clock Phase, Format, V-Size, V-Position, H-Size H-Position, Bass, Treble, Balance, Volume, Surround, Speaker On/Off, Audio Out (Fixed/Variable)* ² , Language Sleep Timer, Passcode, Closed Captioning* ¹ V-Chip* ¹ , Setup, OSD Timeout, OSD Background Power Save, PIP Window Size	
OSD Menu			
Environment			
Operating	Temp.	32~104 Degrees F	
	Humidity	20~80%	
Storage	Temp.	5~140 Degrees F	
	Humidity	20~80%	
General			
Power Supply		100~240V/50~60Hz	
Power Consumption		380W +/- 10%	
Plug and Play		DDC1, DDC2B	
Regulatory Compliance		UL, CSA, FCC Class B	
Dimensions (WxHxD)	w/ Stand	43.2" x 29.9" x 11.9" (1096 x 760 x 304mm)	
	w/o Stand	43.2" x 29.9" x 4.1" (1096 x 760 x 105mm)	
Net Weight	w/ Stand	80.9 lbs (36.7 kgs)	83.8 lbs (38.0 kgs)
	w/o Stand	77.6 lbs (35.2 kgs)	80.5 lbs (36.5 kgs)
Accessories			
Standard		Remote Control, Batteries Power Cable, User Manual, VGA Cable	
Optional		AV Module, Single/Dual TV Tuner(s), Side-Mount Speakers	

Features

Video

- 3:2 Pull-Down for Proper Film Conversion
- Adaptive Motion De-Interlacing
- Advanced Video Scaling
- 3D Digital Comb Filter
- Color Temperature Selection
- Video Setting Recall
- High-Definition Picture-in-Picture
- High-Definition Side-by-Side Picture
- Video-on-Graphic
- Video Source Swap
- Digital Zoom
- 4:3 Aspect Ratio Controls
- Panorama Stretch Mode
- ATSC Signal Compatible
- Clock Phase Adjustment
- Auto Video Synchronization Circuitry
- HDCP Digital Content Protection System Compatible
- V-Chip Compatible*¹
- Closed Captioning Support*¹
- RGB Loop-out Connector

Audio

- BBE Sound Maximizer
- Surround Sound Processing
- Selectable Variable/Fixed Audio Out*²
- Built-in Amplifier
- Subwoofer Output*²
- Audio Mute

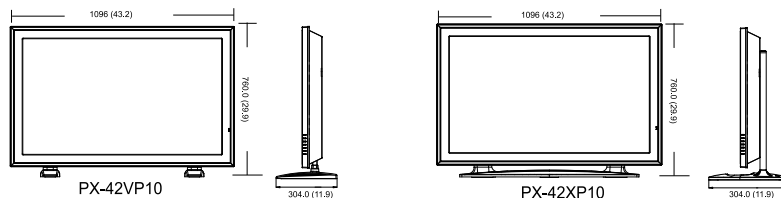
Convenience

- Front Panel Lock
- Default Power-On Input Selection
- Default Power-On Volume Setting
- Smart ID
- OSD Display On/Off
- Quick Access Menu
- User Selectable Power-On Sequence
- Front Panel Controls
- Full-Function Remote Control
- Sleep Timer
- Direct Input Selection Keys
- Direct Power On/Off Keys
- OSD Background Control
- OSD Timeout Control
- Input Frequency Info Display
- Power Save Mode
- System Passcode

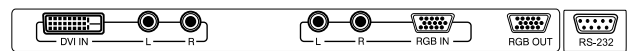
Optional Accessories

- AV Connectivity Module
- Dual Port DVI / RGB Module
- Single NTSC TV/CATV Receiver Module
- Dual NTSC TV/CATV Receiver Module
- Wall Mount
- Side-Mount Speakers

DIMENSIONS mm (inch)



Terminal Connection Diagram



Notes

- *¹ This function is only available when optional AV connectivity module AND TV tuner module are installed.
- *² This function is only available when optional AV connectivity module is installed.
- *³ An external digital TV decoder is required to display ATSC video signals.