

2. Product Specification

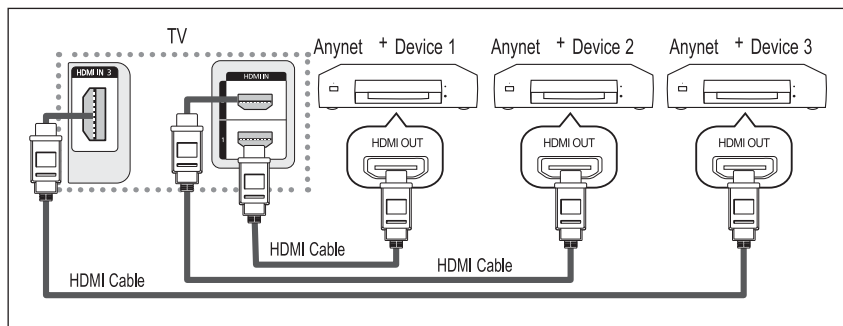
2-1 Product Specification

Features			
Block	Specification	Major IC	Remark
RF	Digital/Analog (DTV Built In)	Tuner DNOQ403SH151A SAMSUNG	
PDP Module	Samsung SDI U1P Module	42"HD	New Module
Power	Samsung/Dong-yang electro mechanics SMPS		
Video	NTSC 3.58, ATSC HDMI Component, PC	SEMS12	
Sound	SRS TruSurround HD, Dolby Digital	NTP3200	Optical Output
Cabinet	B430 Design		
Specification			
Model	PS42B430P2D		
Screen Size	42 Inches (16:9)		
Dimensions (WxHxD)	1055.0 x 667.4 x 73 mm (without stand) 1055 x 728.2 x 316 mm (with stand)		
Weight	24.3 kg (without stand) 28 kg (with stand)		
PC Resolution	1024 x 768 @ 60Hz		
Power consumption	240W		
Frequency	Hsync 50Khz Vsync 50Khz		
Voltage	AC 100 ~ 240V, 50/60HZ		
ANTENNA input	ANT AIR IN ※ 75Ω unbalanced		
VIDEO input	AV COMPONENT - 480i/480p/720p/1080i/1080p COMPONENT2 - 480i/480p/720p/1080i/1080p HDMI1 : 480p/720p/1080i/1080p HDMI2(DVI Compatible) - 480p/720p/1080i/1080p * 480i can be displayed on HDMI, however it is not contained in EDID data		
AUDIO input	AV COMPONENT - 480i/480p/720p/1080i/1080p COMPONENT2 - 480i/480p/720p/1080i/1080pC DVI		
Audio Output	AUDIO (L/R)		
Speaker Output	10W+10W (40dB+40dB)		
New Features	AnyNet+		

■ New Features explanation

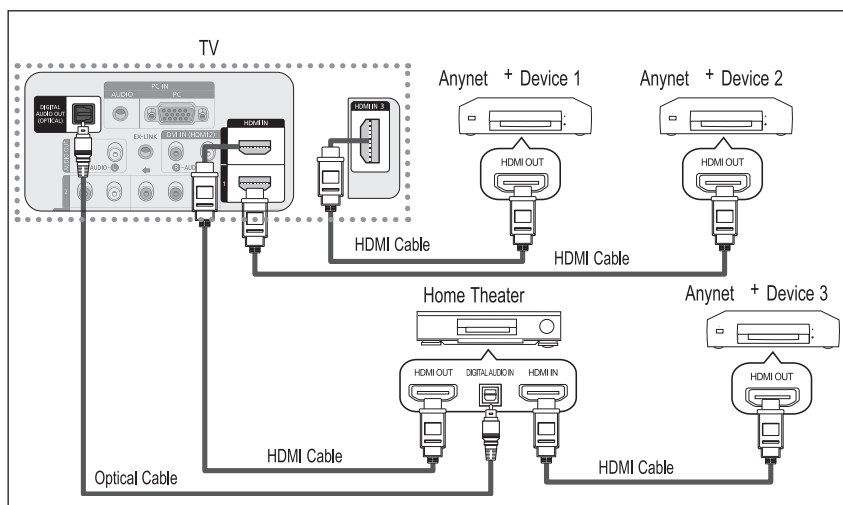
- Anynet+ : Anynet+ is an AV network system that enables you to control all connected Samsung AV devices with your Samsung TV's remote.

To directly connect to TV



Connect the [HDMI 1], [HDMI 2] or [HDMI 3] jack on the TV and the HDMI OUT jack of the corresponding Anynet+ device using the HDMI cable.

To connect to Home Theater





1. Connect the [HDMI 1], [HDMI 2] or [HDMI 3] jack on the TV and the HDMI OUT jack of the corresponding Anynet+ device using the HDMI cable.
2. Connect the HDMI IN jack of the home theater and the HDMI OUT jack of the corresponding Anynet+ device using the HDMI cable.

- Connect the Optical cable between [Digital Audio Out (Optical)] on your TV and Digital Audio Input on the Home Theater.
- Connect only one Home Theater.
- You can listen to 5.1 channel sound through the home theater's speakers. Otherwise, you can only listen to 2 channel stereo sound in other cases. Make sure to connect the Digital Audio IN (Optical) of the home theater and the TV correctly to listen to TV sound through the home theater. However, you cannot listen to sound from the BD recorder that is sent to the home theater via the TV in 5.1 channel sound because the TV outputs only 2 channel stereo sound. Please see the manual for the home theater.
- You can connect an Anynet+ device using the HDMI cable. Some HDMI cables may not support Anynet+ functions.
- Anynet+ works when the AV device supporting Anynet+ is in the Standby or On status.
- Anynet+ supports up to 12 AV devices in total. Note that you can connect up to 3 devices of the same type.







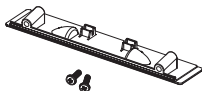



2-2 Specifications Analysis



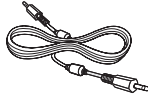

※ ○: application, X: non-application

SubItems	SubItems	B430 PS42B430P2	P410 PS42A410C1
Design			
Basic	Inch	42"	42"
	Chassis Name	F65A	F59A
	Cabinet Name	42BB1	P410
	Display Type	PDP TV	PDP TV
	Built-In Tuner	X	X
	Resolution	1024 x 768 @60Hz	1024 x 768 @60Hz
	PDP Module	U1A HD	W3 HD
	Screen Size	42 inches	42 inches
	Picture ratio	16:9	16:9
	Dimensions (WxHxD)	1055 x 728.2 x 316 mm (With stand)	1055 x 728.2 x 316 mm (With stand)
Picture	Weight	28 kg	30 kg
	Brightness	1,500 Cd/m ²	1,000 Cd/m ²
	Contrast Ratio	10,000 : 1	10,000 : 1
Audio	Picture Enhacer	X	FBE3X
	Equalizer	O	O
	Auto Volume Control	O	O
	Surround Sound	SRS TruSurround	SRS TruSurround
	Speaker Output	10W + 10W	10W + 10W
	Speaker	2.2CH (2Way)	2.2CH (2Way)
Features	PIP	X	X
	Double Screen	O	O
	Caption	X	X
	Still Image	O	O
	My Color Control	O	O
	Color Weakness	X	X
	Energy Saving	O	O
Connections	Screen Burn Protection	O	O
	Antenna	1 Input	1 Input
	AV Input	1 Input (Side)	1 Input (Side)
	S-Video	X	1 Input (Side)
	Component (Y/PB/PR)	2 Input	2 Input
	PC (D-SUB)	X	1 Input
	DVI	X	X
	HDMI	2 Input	2 Input
	Scart	X	X
	Optical	O	O
	Coaxial	X	X

※ For the power supply and power consumption, refer to the label attached to the product.

2-3 Accessories

Accessories		Item	Item code	Remark
Supplied Accessories		Remote Control Batteries	BN59-00865A	Samsung Service center
		Power Cord	3903-000145	
		Owner's Instructions	BN68-02011B	
		Warranty Card Registration Card Safety Guide Manual	- - AA68-03242Q	
		Cloth-Clean	BN63-01798B	
		Ferrite Core for Power Cord	3301-001305	
		Cover-Bottom Screws (2ea)	BN63-05671A 6003-001621	
Sold Separately		HDMI Cable 9.843 feet	BN39-00641A	Electronics Store/ Internal shopping mall
		HDMI/DVI cable 9.843 feet	BN39-00643A	
		Component Cables (RCA) 4.171 feet	BN39-00279A	

Accessories		Item	Item code	Remark
Sold Separately		Optical Cable	None	Electronics Store/ Internal shopping mall
		PC Cable 6.004 feet	BN39-00115A	
		PC Audio Cable 6.562 feet	BN39-00061B	
		Antenna Cable 9.843 feet	BN39-00333A	

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