
2. Product Specification

2-1 Product Feature

■ Multimedia Player with a Stylish Slim Design

- Widescreen multi-format playback with great portability
- Ready for paid video downloads
- Allows easy communication using Bluetooth



■ Full Screen Touch - named EmoTrue™ UI(User Interface) that allows to operate sensually all functions by using touch Icons on screen without uncomfortable buttons press.

■ High Resolution 3" WIDE QVGA(480x272) LCD that allows to play 16:9 Wide Video Contents.

■ WMV Format Supported (ready to Contents Service)

■ Built-in Bluetooth Function

A wireless networking technology that allows data transfer with Bluetooth-enabled stereo headsets, hands-free devices (cell phones), and other external devices, all without cables.

2-2 Specifications

■ Basic Specification

Model Name	YP-P2								
	QB	AB	CB	QW	AW	CW	QR	AR	CR
Capacity	2GB	4GB	8GB	2GB	4GB	8GB	2GB	4GB	8GB
Color	Black			White			Red Wine		
Voltage	DC 5.0V / 500mA								
Dimensions (WxDxH) / Weight	100 x 52 x 9.9 mm / 85g								
Case	Injection+PAD Print, SUS								
Noise Ratio	85dB with 20KHz LPF (based on 1KHz 0dB)								
Earphone Output	20mW (16Ω)								
Output Frequency Range	20Hz ~ 20KHz								
Temperature Characteristics	-5 ~ 35°C (23 ~ 95°C)								
FM Frequency	87.5 ~ 108.0MHz								
FM Signal-to-Noise Ratio	59dB								
FM Distortion	0.8%								
FM Effective Sensitivity	5dBu								
Battery Type	Li-Polymer Rechargeable Battery (Built-in Rechargeable Battery Capacity 830 mAh)								
Playback Time	35 Hours of Music Playback (Based on MP3 128 kbps, Volume 20, Normal Audio Mode), 5 Hours of Video Playback								
Supported Files	Audio: MPEG1/2/2.5 Layer3 (8kbps~320kbps, 8kHz~48kHz), WMA(5kbps~320kbps, 8kHz~48kHz), Ogg(Q-1~Q10) Video: WMV9(Video: WMV9 Simple Profile, Audio: WMA9(Max 860kbps), Resolution: 320X240 or 480X272, FrameRate: 30fps Image: JPG(Baseline only)								
LCD	WQVGA 3" TFT LCD Touch Screen (480x272)								
Bluetooth	Operating Frequency Range	TX/RX: 2402~2480 MHz							
	Supported Specification Version	2.0							
	Module	BCM2048							
	Tx Output Power	Max 2.4 mW							

2-3 Specifications Analysis

Model Name		YP-P2	YP-K5
Photo			
Basic	Storage TYPE	Flash memory (DSP)	Flash memory (MLC)
	LCD	SIZE: 3.0" 16.7M WQVGA Display Color: 16.7M LCD (Dot pitch: 0.0455(H) x 0.1365(V)) Resolution: 480RGB(H) x 272(V)	1.71" Full Color OLED
	Playback Time	35 Hours of Music Playback with Earphones (Based on MP3 128 kbps, Volume 20, Normal Audio Mode), 5 Hours of Video Playback	30 Hours of Music Playback with Earphones (Based on MP3 128 kbps, Volume 15, Normal Audio Mode), 4 Hours Playback at Maximum Speaker Volume
	Capacity	2G / 4G / 8G	1G / 2G / 4G
	Platform	TCC78x (Telechips)	TCC77x (Telechips)
	Battery Type	Li-Polymer Rechargeable Battery (Built-in Rechargeable Battery Capacity 830 mAh)	Li-Polymer Rechargeable Battery (Built-in Rechargeable Battery Capacity 830 mAh)
	Color	White / Black / Red Wine	Silver / Black
Files	MP3	○	○
	WMA	○	○
	OGG	○ (up to Q10)	○ (up to Q10)
	WAV	X	X
	AAC	X	X
	Audible	X	X
	JPEG	○	○
	FLAC	○	X
	APE	○	X
	WMV	WMV9	X
	MPEG4 (SVI)	○ (480x272, 30Frame)	X
	Swf	(V4.0) - Game/UI Only	X
Others	X	X	
Sound	User EQ	○ (9 band control)	○ (9 band control)
	Etc.	Street Mode	-
	Sound Feedback	○ (AUI)	-
	Speed Control	○ (MP3 file play 0.75~1.3X)	-
	Alarm	○	○
	OUTPUT POWER	21mW/CH	25mW/CH
Tuner	FM	○	○
	RDS	○	X
	DMB	X	X
	Etc.	X	X
Function	Playlist	○	○
	Library	○	○
	Photo Viewer	○	○
	Text Viewer	○ (Book Mark/Page Up, Down)	X
	Game	○ (Flash Gaming/3 games)	X
	Wallpaper	○ (Wall paper change, Menu color change)	X
	Clock	○	○
	Etc.	Clock Screen Saver, Dynamic EQ Display	-
	Resume	○ (Audio/Video/Photo/Text)	○ (Audio/Photo)
Bookmark	○ (Video/Text only)	X	
DRM	Netsync(korea)	○	○
	SKT Melon(korea)	X	X
	WMA DRM	○	○
	Janus	○	○

2-4 Accessories

2-4-1 Supplied Accessories

Accessories	Item	Item code		Remark
	Earphones	White	AH30-00086H	Samsung Service center
	USB Cable	AH39-00899A		
	Program Installation CD	AH46-00050B		