

PMP



TFP20

Portable Media Player

Slim handheld AV player
with 20GB Hard Disk Drive.



→ Features

- Great portability with slimmest and lightweight 20GB video player
- Best picture quality with 4 inch wide 16:9 TFT LCD display
- Playback all kinds of video/audio file formats without transcoding
- Direct recording from TV/Analogue video source/Camcorder/DVD player/CD player with time recording function
- Free exchange contents with PC and digital camera backup storage by USB host
- 14 hours on audio / 6 hours for video playback
- Rechargeable & Detachable Lithium-Polymer batteries
- Text view, Voice recording function

Specification

Storage Capacity	20 GB (1.8 inch HDD)	
LCD Display	4 inch WQVGA(480 x 272) TFT LCD	
	16,700,000 colors (24 bits) / 390,000 pixels	
	Wide screen 16:9	
Image Playback	File Format	JPG, BMP, GIF, TIFF, PNG
	Resolution	8 mega pixels
	With music file	JPEG/BMP + MP3
Audio Playback	File Format	MP3, WMA, WAV, OGG
	Bitrate	8~320Kbps CBR & VBR / Q0~Q10(OGG bitrate)
	Tag	ID3v1, ID3v2 2.0, ID3v2 3.0
Video Playback	File Format	AVI, MPG, ASF, WMV
	Video Format	MPEG-1,MPEG-2, DivX3.1/4.xx/5.xx, Xvid, ISO MPEG-4 SP, WMV9
	Audio Format	MP3, AC3, WMA, OGG
	Video Bitrate	MPEG-1 : upto 5Mbps, MPEG-2 : upto 8Mbps, DivX3.1/4.xx/5.xx, Xvid, ISO MPEG-4 SP : upto 4Mbps
	Audio Bitrate	8~320Kbps
	Resolution	720 x 480 maximum (WMV9 : 320 x 240, 500Kbps)
	Video Frame Rate	30 fps maximum
	Caption	SMI format
Audio/Voice Recording	Audio Format	Stored as MP3 stereo sound
Video Recording	File Format	AVI
	Video Format	MPEG-4 SP
	Audio Format	MP3
	Video Bitrate	5Mbps maximum
	Audio Bitrate	128Kbps
	Resolution	640 x 480
Playback Autonomy	Up to 10 hours for music or 6 hours for movie on built-in LCD	
AV Connections	Earphone jack, Built-in microphone & speaker(mono), AV IN and AV OUT	
TV Output	Video output in PAL(EU) or NTSC(US) standard	
Power Source	Removable Lithium-Polymer battery pack, External AC charger/adapter	
Data Interface	USB Device	USB 2.0 High Speed (480Mbps maximum)
	USB Host	USB 2.0 Full Speed (12Mbps maximum)
Dimensions	139 x 73 x 19 mm (without battery)	
Weights	Approx. 270g	
System Requirements	Windows 98 SE, ME, 2000 or XP / LINUX (Windows 98 SE requires downloadable driver)	