

# A New Era in Camera Phones

Enter a new age of mobile media with the SANYO MM-5600, featuring a 1.3 Megapixel camera, miniSD memory card, QVGA color display, MP3/AAC music player, streaming media, walkie-talkie-style communication, and more!

## MM-5600



**SANYO:**  
*"Highest in Customer Satisfaction  
with Wireless Mobile Phones"*

[www.sanyowireless.com](http://www.sanyowireless.com)

Changing your wireless world.

# SANYO

## Removable Memory Ultra-Compact miniSD Memory Card

Use as many cards as you like for virtually unlimited storage of all of your pictures, videos and music files. The SANYO MM-5600 comes with a "starter kit" that includes a 16MB miniSD card and a miniSD to SD adapter.



## Megapixel Camera

Equipped with a 1.3 Megapixel camera, the MM-5600 allows you to take pictures with enough resolution to make 4" x 6" color prints. Store the pictures on the camera's removable miniSD memory card, upload them to the Sprint web site, or send them to other compatible phones and email addresses.



## Digital Zoom, Flash and Macro

The MM-5600 is outfitted with advanced camera features, including a macro switch that lets you shoot objects up-close.



## PictBridge

Connect directly to a PictBridge-compatible printer using the included USB cable and make color prints without ever using a PC.



## Digital Video

### Up to 30-Second Clips for Wireless Sharing



Shoot video clips up to 30-seconds in length that can be sent wirelessly to other compatible phones or e-mail addresses, or uploaded to the Sprint web site.

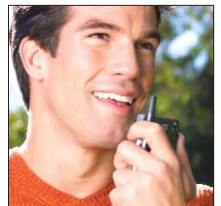
### Up to 90-Minutes on Memory Card

Using an optional miniSD memory card of 128MB or larger, you can shoot and save video clips up to 90-minutes in length. The included 16MB miniSD card allows for videos up to 15-minutes long.



## Walkie-Talkie & Speakerphone

The MM-5600 fully supports Sprint PCS Ready Link<sup>SM</sup> service, enabling walkie-talkie-style communication anywhere on the nationwide Sprint PCS network. It also has a built-in, high-quality SANYO Speakerphone that is perfect for hands-free operation.





## QVGA Resolution Display

See your mobile world like never before! The MM-5600 utilizes a 2.1" TFT main LCD with 260,000 colors and three times as much resolution as a conventional mobile phone display, allowing you to see more text, more detail and more color.

## Streaming Media

Watch video-on-demand from your favorite news, sports and entertainment channels using Sprint Multimedia service. Or watch live television with MobiTV™.



## MP3/AAC Music Player

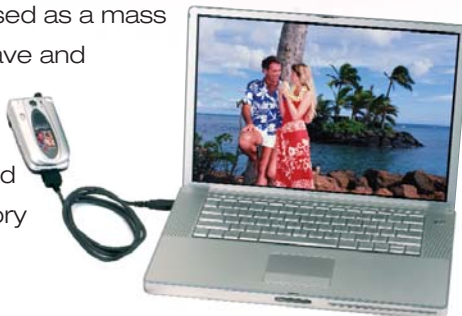
Load your favorite MP3 and unencrypted AAC files onto the miniSD memory card, and play them back using the built-in Music Player.

Now your favorite music can always be with you! Stereo earphones included.



## Mass Storage

With the included USB cable, the MM-5600 can be used as a mass storage device to save and transfer files, similar to a "pen drive." Storage size is limited to the miniSD memory card used.



## 60-Minute Voice Recorder

Perfect for meetings, interviews, classes and reminders.

Use optional software to download recorded memos to your computer.



## Voice-Activated Dialing

Just say the name of a contact in your Phone Book or the digits of the number you want to dial. No voice programming required!



# MM-5600

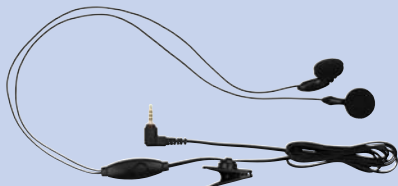


## Included Accessories



miniSD card

SD card adapter



Stereo Headset



USB Cable

## SPECIFICATIONS

<b>Operating Modes</b>	
<b>Dual Band/Tri Mode</b>	Digital: 1.9 GHz, 800 MHz; Analog: 800 MHz
<b>Battery Performance</b>	
<b>Standard Battery (included)</b>	SANYO 1000 mAh Lithium Ion Battery
<b>Extended Battery (optional)</b>	SANYO 1650 mAh Lithium Ion Battery
<b>Digital Talk Time</b>	Standard Battery: 3.4 Hours Extended Battery: 5.9 Hours
<b>Digital Standby Time</b>	Standard Battery: 10.5 Days Extended Battery: 16 Days
<b>Estimated Battery Charge Time</b>	Standard Battery: 4.0 Hours
<b>Displays</b>	
<b>Main LCD Display (internal)</b>	2.1" TFT LCD; 260K colors; 240 (w) x 320 (h) pixels
<b>Sub LCD Display (external)</b>	1.1" TFT LCD; 260K colors; 72 (w) x 96 (h) pixels
<b>Camera</b>	
<b>Resolution Selections</b>	High, Medium, Low; SXGA (1280x960), VGA (640x480), QVGA (320x240)
<b>Quality</b>	Fine, Normal, Economy
<b>Digital Zoom</b>	1-20 steps (1- 16X)
<b>Flash Options</b>	Off, On This Shot, Always On, Auto
<b>Multiple Shot</b>	VGA: 3 shots, QVGA: 3/6 shots
<b>Stitch Shot</b>	Vertical, Horizontal, Off (only available for VGA or QVGA)
<b>Self Timer</b>	10 sec., 5 sec.
<b>Color Tones</b>	Normal, Sepia, Black & White, Negative, Red, Blue, Green, Purple
<b>Image Control</b>	Brightness (Auto, Manual); White Balance (Auto, Sunny, Cloudy, Tungsten, Fluorescent, Manual)
<b>Shutter Sound</b>	Default, Say "Cheez", Off
<b>Photo Storage</b>	"In Camera" folder: 18 pictures (Fine) at 1280x960 resolution 46 pictures (Fine) at 640x480 resolution 124 pictures (Fine) at 320x240 resolution
<b>Voice Memo Attachment</b>	Record, attach to picture and send: 10 seconds max. recording time per message
<b>Picture Assignment</b>	Captured pictures can be assigned as screen saver or Caller ID
<b>PictBridge</b>	Print pictures without using a PC by connecting directly with PictBridge-supported printers via the included USB Cable
<b>Upload/Send/Online Access</b>	Captured pictures can be uploaded/sent to another compatible phone, to an email address or to the Sprint server for access at a later time via the phone or a PC
<b>Video</b>	
<b>Resolution Selections</b>	Good, Medium; QCIF (176x144), sQCIF (128x96)
<b>Digital Zoom</b>	1-20 steps (1-16x)
<b>Quality</b>	Rich (15sec), Normal (20sec), Economy (30sec), miniSD Rich-90min miniSD: Rich, up to 90min with optional 128MB miniSD card or larger
<b>Video Light</b>	Off, On
<b>Skin Frames</b>	Black Window, Orange Ring, Blue Crystal
<b>Image Control</b>	Brightness (Auto, Manual); White Balance (Auto, Sunny, Cloudy, Tungsten, Fluorescent, Manual)
<b>Video Storage</b>	"In Camcorder" folder: 20 clips (Rich/Normal/Economy) "Saved to Phone" folder: 10 clips (Rich/Normal/Economy)
<b>Voice Memo Attachment</b>	Record, attach to video and send: 10 seconds max. recording time per message
<b>Upload/Send/Online Access</b>	Captured Videos can be uploaded/sent to another compatible phone, to an email address or to the Sprint server for access at a later time via the phone or a PC
<b>miniSD Card</b>	
<b>Picture Storage</b>	16MB miniSD card (included) can store up to about: 48 pictures (Fine) at 1280x960 resolution 360 pictures (Fine) at 640x480 resolution 721 pictures (Fine) at 320x240 resolution
<b>Video Storage</b>	16MB miniSD card (included) can store up to about: 56 clips (Rich/Normal/Economy) or 15min (miniSD card mode)
<b>Music Storage</b>	16MB miniSD card (included) can store up to about: 3 songs (approx. 3min each of MP3/AAC audio, assuming the audio files are encoded at 128kbps)
<b>Music Player</b>	
<b>Supported Audio Formats</b>	MP3, AAC (unencrypted)
<b>Other Features</b>	
<b>PCS Ready Link Compatible</b>	Yes
<b>PCS Vision Compatible</b>	Yes
<b>Multimedia Streaming</b>	Yes
<b>Speakerphone</b>	SANYO Speakerphone (24 mm diameter)
<b>Voice-activated Dialing</b>	Contact/Dial Number/Voice Tag/Find Phone Book/RL/Phone Status/Tools
<b>Phone Book</b>	300 name entries with 500 total phone numbers 300 email and 300 web addresses
<b>Ready Link Phone Book</b>	Company: 200 Entries (200 Max Groups with 5 per Group) Personal: 200 Entries (33 Max Groups with 5 per Group)
<b>Caller ID Capability</b>	Yes (Number/Picture/Ringer/Video)
<b>Wireless Internet</b>	WAP 2.0 Browser
<b>Downloads</b>	Games, JAVA Applications, Graphics/Pictures, Animations, Ringers, Videos
<b>Download File Types</b>	JAVA Applications: J2ME, MIDlet, M3G Images: PNG, JPEG, BMP, WBMP Audio: MIDI, 13kQCELP, CMX Ringer, AAC Video: MPEG4, 3GPP2, 3GPP
<b>Total Wireless Downloadable Memory</b>	3.0 MB
<b>Voice Memo Recorder</b>	Recording Time: 60 min. (half rate), 30 min. (full rate); Max # of Recordings: 20
<b>Call Screening</b>	Yes (Pre-recorded, Custom Name or Custom 12 sec. Announcement)
<b>Call History (voice calls)</b>	20 outgoing calls, 20 incoming calls, 20 missed calls
<b>Call History (Ready Link)</b>	10 outgoing calls, 10 incoming calls, 10 missed calls
<b>Ringer Melodies</b>	72-chord Polyphonic
<b>Messaging</b>	2-way SMS, Picture Mail, Video Mail, Voicemail, Email
<b>Personal Information Manager</b>	Event Calendar, To-Do List, Alarm Clock
<b>Misc.</b>	World Clock, Vibrating Alert, T9 Text Input, TTY Capable
<b>Dimensions &amp; Weight</b>	
<b>Unit Dimensions (H x W x D)</b>	3.66" x 1.91" x 1.04"
<b>Unit Weight</b>	4.52 oz.
<b>Accessories</b>	
<b>Included</b>	Travel Charger, Standard Battery (1000 mAh), Stereo Headset, USB Cable, 16MB miniSD Card, SD Card Adapter
<b>Optional</b>	Extended Battery (1650 mAh), miniSD Card, USB cable, Stereo Headset, Contact Synchronization Software, Multimedia Software, Vehicle Power Adapter

J.D. Power and Associates 2004 U.S. Wireless Phone Evaluation Study™ Study is based on responses from 13,458 U.S. households that have owned their current wireless phone for less than two years. www.jdpower.com ©2005 SANYO Wireless Communications. All rights reserved. ©2005 Sprint Spectrum. All rights reserved. Sprint, the diamond logo, PCS Vision and PCS Ready Link are trademarks of Sprint Communications Company, L.P. used under license. Trademarks and logos are copyrights of their respective owners. Because its products are subject to continuous improvements, SANYO reserves the right to modify product design, features, and specifications without notice. Screen images are simulated.

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