

# PHILIPS

Mobile Phone

859

CT8598



## Capture more of your life !

### Giant photo album

Philips 859 is an advanced camera clamshell phone designed to store and share the most precious moments of everyone's life.

#### **Capture and share your life**

- Giant photo album for incredible storage capacity
- Integrated VGA digital camera
- Digitally zoom up to 4 times
- Special effects for creative picture personalization
- TFT display with 65,536 gorgeous colors
- External LCD screen with 4096 vibrant colors

#### **Maximize your Multimedia Experience**

- Big storage capacity (7MB)
- 32-tone rich polyphonic melodies
- Java 2.0 technology
- MMS (Multimedia Messaging Service)

# Highlights

## Giant photo album

Giant photo album with extended internal memory capacity allows you to store up to 1,000 pictures in your phone to use for slideshows, wallpaper, and screensavers simply by taking a picture and saving it in your phone's memory.

## Integrated VGA digital camera

The integrated digital camera with VGA resolution (640x480 pixels) allows you to take high-quality pictures anytime, anywhere with your phone, then send them via MMS or email, or store the pictures in your phone's memory.

## Digital zoom x4

Easily zoom the picture in and out up to 4 times, composing better and more meaningful pictures by capturing the right detail from the overall scene. In preview mode, activate the zoom function to take pictures of distant objects or to concentrate attention on a specific part of the picture.

## Special effects

Special effects provide you with several modifications that can be applied in order to personalize camera images: sepia, gray scale, edge, digital, embossed, or negative colors. Choose one of the special effects in camera preview mode, take the picture, then save the photo in phone screen resolution format e.g. 128x160 pixels.

## 65K color TFT display

Brilliant 65K color TFT display offers high contrast and high brightness with 65,536 gorgeous colors and ultra fine pitch for clear, bright color graphics and photos.

## 4K color external display

4K vibrant-color external display enriches your mobile phone experience with color pictures and other graphics built from 4096 colors. When the external screen is activated by turning on the phone, events such as incoming calls switch on the backlight to illuminate the display.

## Big storage capacity (7MB)

7MB built-in storage capacity allows you to save personal pictures, melodies, messages, games, and more.

## 32-tone polyphonic melodies

32-tone polyphonic melodies can create simultaneous tones of different notes using MIDI format for more natural and realistic musical results, sounding just like a small orchestra of different instruments for outstanding sound effects.

## Java 2.0

Java 2.0 technology allows you to enhance and personalize your phone with new games and applications simply by downloading them.

## MMS messaging

MMS (Multimedia Messaging Service) allows you to use your mobile phone to send and receive pictures, video, and audio files with your text messages.



# Specifications

## Still Picture Capturing

**Sensitivity:** min 5 lux  
**Preview frame rate:** 15 frames/second  
**Image sensor type:** CMOS  
**Picture file format:** JPEG  
**Picture Mode:** Super fine, Normal, Economy  
**Special effects preview mode:** Negative color, Embossed, Digital, Edge, Sepia, Grey scale  
**Digital zoom:** x2, x4  
**Camera:** Integrated  
**Picture resolution:** VGA (640x480)

## Convenience

**Ease of Navigation:** Color Caroussel, Active Flip, Animated Caroussel  
**Ease of Use:** Dedicated Headset plug, Hands free mode, Hot Keys, Vibra Alert, Screen Saver Digital Clock  
**Ease To Experience:** Demo Mode  
**Games and applications:** Agenda, Alarm Clock, Calculator, Calendar, Euro Converter, Infusio - Exen v2, Java MIDP 2.0, Lunar Calendar  
**Embedded Games:** 4  
**Personalisation/Customization:** Downloadable Animated GIF, Downloadable Java Applications, Downloadable Picture, Downloadable Ringtones, Fotocall, Wallpaper  
**Speech Recognition:** Conversation Recording, Voice Command, Voice Dial, Voice Memo, Voice Recognition  
**Language available: UI:** English, Indonesian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese Simplified, Chinese Traditional, Slovak, Spanish, Swedish, Thai, Turkish  
**Language available: T9 input:** English, Czech, Danish, Dutch, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Chinese Simplified, Chinese Traditional, Spanish, Swedish, Turkish  
**Personal Info Management:** Daylight saving, Time Zone, Smart Phonebook, Vcard Exchange  
**Call Management:** Microphone mute, Call Cost, Call Counters, Call Forwarding, Call on Hold, Call Time, Call Waiting\*, Caller ID\*, Conference Call, Emergency Call, Explicit Call Transfer, Missed Calls, Multi-party call, Received Calls

**Buttons and controls:** 4-way navigation key and enter, Customized hot key  
**Clock/Version:** Analogue, Digital  
**Volume control**  
**Multimedia:** Foto Talk

## Power

**Charging time:** less than 2 hours hr  
**Talk time:** up to 4 hours  
**Battery Capacity:** 600 mAh  
**Battery Type:** Lithium-ion  
**Electrical Enhancements:** Back-up battery  
**Standby time:** up to 400 hrs

## Picture/Display

**Main Display Colors:** 65536  
**Sub Display Colors:** 4096  
**Lines of text:** up to 8  
**Main Display Resolution:** 128x160 pixel  
**Main Display Technology:** TFT  
**Sub Display Resolution:** 96x64 pixel  
**Sub Display Technology:** CSTN

## Network Features

**Services:** OTA provisioning (WAP,MMS), WAP 1.2.1, WAP Browser Teleca2.0, SIM Toolkit / Release 99  
**Messaging:** EMS / release 4, Predefined messages (SMS,MMS), Concatenated SMS (Long SMS), E-mail, MMS, Multimedia Message Service, Quick SMS, SMS CB (Cell Broadcast), SMS (Short Message Service)  
**Voice Codec:** FR/EFR/AMR  
**GPRS (Rx+Tx):** Class 10 (4+2), Class B

## Accessories

**Optional accessories:** USB Jack Cable, TV Link, Deluxe headset, Carry case, Cigarette lighter adapter, Necklace, Universal car kit  
**Standard Package Includes:** Battery, CD ROM (Mobile Phone Tools), Charger, Handset, International Guarantee, SAR information leaflet, User Manual

## Dimensions

**Antenna:** Integrated  
**Handset volume:** 77 cc  
**Handset weight:** 94 g  
**Handset dimensions:** 88 x 46 x 23 mm  
**Form Factor:** Clam shell

## Sound

**Ringers:** Polyphonic (32 tones)

## Audio Playback

**Audio supported formats:** AMR, ADPCM, Midi, SP-Midi

## Audio Recording

**Recording time:** upto 60 seconds

## Still Picture Playback

**Slide show**  
**Picture Enhancement:** Edit photos (colors, filters), Frames & Icons, Rotate  
**Picture Compression Format:** BMP, GIF (87a & 89a), JPEG

## Storage Media

**Built-in memory (RAM):** 16  
**User memory:** 7 MB

## Connectivity

**Serial connections:** USB-Jack cable  
**Wireless connections:** Infrared  
**Headphone:** 2.5 mm  
**Synchronisation PC organizer:** Lotus Notes, MS Outlook  
**Modem Capabilities:** CSD (Voice, Data), GPRS, SMS

## Audio Capturing

**Voice recording:** AMR

