

SX1 Data Sheet (1)

Product Positioning

“The exciting entertainer
who brightens up your everyday life“

System / Standards

- Triband GSM 900/1800/1900
- GPRS Class 10 (2 Tx / 4 Rx)

Technical Profile

- | | |
|----------------------|--------------------------------------|
| Dimensions | • 109 x 56 x 19 mm (L x W x H) |
| Volume | • 110 cm ³ |
| Weight | • 116 g |
| Standby time* | • up to > 200 h (standard battery) |
| Talktime* | • up to > 240 min (standard battery) |
| Battery | • Li-Ion 1000 mAh |
| Charging time | • < 3 h |
| Antenna | • integrated |
| Speech codec | • EFR, HR, FR, AMR |
| SIM | • Plug-in (3V) |

* Actual performance is dependent on network environment



Key Features

- Integrated VGA Camera with 4x zoom
- Audio Player
- Video Player / Recorder
- FM Radio
- MMS and SMS
- E-mail client supporting POP3, IMAP4 and SMTP
- Natural Loud Speaker
- Complete PIM Calendar, address book, notes, tasks
- Symbian OS and Series 60 User Interface
- Integrated Java™ Wireless Technology
- MultiMediaCard-Slot for memory extension
- Innovative phone design with ground-breaking keypad composition
- High resolution 65k (16 bit) colour TFT Display 176 x 220 pixels

Additional Features

- High-speed internet access and data transfer via GPRS technology
- Bluetooth, IrDa and USB interface
- Remote synchronisation of calendar entries, addresses, tasks and notes via SyncML*
- Voice dialing
- Digital voice recorder
- Digital Camcorder application
- Multiplayer game via Bluetooth
- Integrated photo album for pictures selection
- Calling faces with JPG pictures
- Application key concept
- OTA or internet download of Series 60 and J2ME™ applications
- Mobile Internet Access through xHtml browser
- WAP 2.0
- PC Synchronisation with Microsoft™ Outlook

The manufacturer reserves the right to modify the specifications of the product without prior notice

Audio Player

- | | |
|----------------------------|-------------------------------------|
| Music Player Format | • MP3 |
| FM Radio | • 87.5 - 108 MHz,
6 station keys |
| Frequency Range | • 20 Hz - 20 kHz |
| Power output | • 2 x 7.5 mW |

Camera & Video

- | | |
|---|------------------------------|
| Real Player application | • File format:
H.263, AMR |
| Packet Video camcorder application | • Real Audio, Real Video |
| Integrated VGA camera | • File format: H. 263 |
| Resolution | • 640 x 480 and 160 x 120 |
| Resolution video capture | • 176 x 144 (QCIF) |
| Colour depth | • 24 Bit |
| Light sensitivity | • > 30 Lux |
| Focus | • 30 cm to infinity |
| Frames per second | • 15 |



Personal Information Management

- Fully featured address book
 - Customisable entry details per contact
- Organiser functions
 - Calendar with day, week and month view
 - Tasks handler
 - Note taker
- Synchronisation with: MS Outlook 97, 98, 2000
- PC Synchronisation options: Bluetooth, IrDa, USB, SyncML*
- OTA synchronisation via SyncML*

* V 1.0.1

Ergonomic Features

- 5-way joystick navigation
- 2 customisable soft keys
- Context sensitive Option Menu
- Direct camera access via side key
- Direct voice note access via side key

Application Platform

- Symbian open Operating system
- Customisable Series 60 User Interface
- Java J2ME™ MIDP 1.0 compliant
- Additional APIs:
Messaging (JSR 120), Multi Media (JSR 135),
- Siemens Development Kits are available
www.my-siemens.com/developer

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SX1 Data Sheet (3)

Supported Supplementary Services*

- ALS** • Alternative Line Service
- AOCC** • Advice of Charge Charging. Control of units used with preset limit
- AOCI** • Advice of Charge Information. Display of units with cost conversion
- CAI** • Display of Charge Advice Information
- CB** • Call Barring (all GSM options)
- CF** • Call Forwarding
- CH** • Call Hold
- CLIP** • Calling Line Identification Presentation
- CLIR** • Calling Line Identification Restriction
- CPHS 4.2** • Common PCN Handset Specification
- CT** • Call Transfer
- CUG** • Closed User Group
- CW** • Call Wait
- FDN** • Fixed Dialling Numbers**
- HZI** • Home Zone Indicator
- LND** • Last Number Dialling
- MTPY** • Multiparty Conference
- SMS CB** • Cell Broadcast
- SMS MO** • Mobile Originated
- SMS MT** • Mobile Terminated
- USSD** • Unstructured Supplementary Service Data

* Network-dependent ** SIM-related features

Data Services

- GPRS class 10, B (2Tx, 4Rx)
- Mobile Internet Access (xHtml browser)
- Data Services @ max. 53.6 kbps
- Fax class 2
- Built-in modem
- Bluetooth & Infrared Interface

SIM Functionality / Security Controls

- SIM Application Toolkit (class 3)
- SIM Lock, various levels
- PIN 1 & 2 Control
- Ciphering A5.1 and A5.2

Original Accessories

Energy

- Li-Ion Battery 1000 mAh EBA-540
- Travel Charger EU ETC-500/ UK ETC-510
- Car Charger ECC-500

Fashion & Carry

- Belt Case FCT-510

Handsfree Portable

- Headset PTT Bluetooth™ HHB-505 (EU)/HHB-515 (UK)
- Stereo Headset HHS-550
- Headset PTT HHS-510

Car Solutions

- Car Kit Comfort HKC-530
- Car Kit Portable HKP-500
- Basic Car Pack HKB-500
- Mobile Holder Antenna HMM-530
- Car Kit Upgrade HKO-540

Office

- Data Cable USB DCA-540
- SyncStation DSC-510

**Original
Accessories**

Standard Package

- SX 1 handset
- Stereo Headset PTT HHS 550
- Li-Ion battery 1000 mAh
- Standard Charger
- User Guide
- CD with product demo, interactive help guide and additional applications

Color Variants

- Ice blue

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