

Philips  
Xenium

X520

CTX520RED



## Power up instantly - anywhere

Never miss a call on your slim Philips Xenium X520! Enjoy peace of mind with its incredibly long battery life and always stay connected by instantly powering up with an AAA battery. Plus, enjoy a full suite of multimedia features on the go.

### Get reserve power instantly for urgent calls

- Backuppower instantly powers up your mobile phone

### Smart and compact design

- Slim, versatile and ready to go
- Smartcavity compatible with any single AAA battery\*

### Always on, always connected

- Up to 1 month of standby time
- Up to 8 hours of talk time
- Extra talk time with an AAA battery\*

### Maximize your Multimedia Experience

- 2 megapixel digital camera for crisp, vivid pictures
- MicroSD memory card slot for extra memory/ data storage
- Enjoy Bluetooth stereo music
- Easy tuning with on-screen display on RDS FM radio stations

# PHILIPS

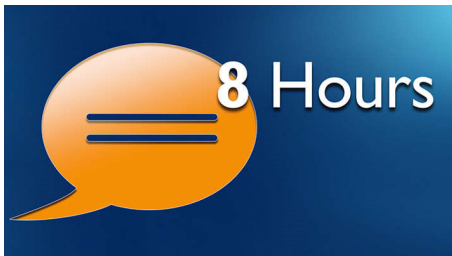
# Highlights

## Up to 1 month standby time



The phone can be on and in standby mode continuously for up to 1 month on a single charge.

## Up to 8 hours talk time



The phone can support up to 8 hours conversation on a single charge.

## Extra talk time

Now you can enjoy peace of mind when using your phone on the go, without worrying about missing a call when your battery is low. Simply insert an AAA battery\* which is readily available anywhere to instantly power up your phone. With the recommended Energizer® Lithium battery, you can enjoy up to 2.5 hours of extra talk time.

## Backuppower

With backuppower, enjoy the convenience of instantly powering up your Philips mobile phone. Simply insert a variety of AAA batteries\* in the phone's smartcavity. Now, you're ready to go.

## Slim and versatile

The perfect combination of a slim and versatile design, your Philips phone is cleverly designed to fit in your hand while also accommodating smartcavity. You can instantly power up your mobile phone simply by inserting an AAA battery.

## Smartcavity

Smartcavity is an easily accessible battery cavity in your Philips mobile phone. It can automatically detect the kind of AAA battery inserted in your phone. This allows you to use a variety of AAA batteries\* depending on your needs. The rechargeable battery will be automatically charged when you have access to your wall charger giving you total freedom to use a variety of batteries for backuppower while on the go.

## 2 megapixel camera



Use your 2 megapixel digital camera to enhance your photo experience with crisp,

vivid pictures. The intuitive design and user interface allow you to easily take high-resolution photos of up to 1600 x 1200 pixels to use as wallpaper for your phone display; send from your phone via MMS, Bluetooth, or infrared; or print and share.

## Bluetooth stereo music

Your Philips mobile phone supports A2DP Bluetooth Profile. It lets you enjoy your favorite tunes wirelessly and in high quality stereo music from your Bluetooth headphones.

## RDS FM Radio

Enjoy quick and easy tuning to your favorite stations with Radio Data System (RDS) display, which shows the name of the station instead of frequency numbers. RDS also allows stations to transmit text messages and information directly to your radio display, so you can keep updated with news updates and radio promotions.

## MicroSD memory card slot

You can now enjoy extra capacity and storage of multimedia files by inserting a MicroSD memory card into the built-in memory card slot of your phone.



# Specifications

## Picture/Display

- Main Display Resolution: 176x220 pixels
- Main Display Technology: TFT
- Main Display Colors: 262K

## Still Picture Capturing

- Camera: Integrated
- Picture resolution: VGA (640x480), 2M (1600x1200), 176x220, SXGA (1280x1024)
- Picture file format: BMP
- Picture Mode: Night mode, Self-timer mode, Continuous, Multi-shot
- Picture quality: Normal, Fine, Superfine
- Special effects preview mode: Sepia, Blue effect, B&W, Red effect
- Sensitivity: min 1 lux
- Preview frame rate: 25 frames/second
- Image sensor type: CMOS

## Still Picture Playback

- Picture Compression Format: BMP, GIF, GIF (87a & 89a), JPEG, WBMP
- Slide show

## Storage Media

- Built-in memory (RAM): 128Mb Flash + 64Mb RAM
- Memory Card Types: Micro SD
- Maximum memory card capacity: 2 GB
- Memory management: Memory status, Dynamic memory allocation

## Connectivity

- Modem Capabilities: CSD (Voice, Data), GPRS, SMS
- Headset: Via mini USB connector
- Synchronisation PC organizer: Lotus Notes, MS Outlook
- Wireless connection: Bluetooth

## Network Features

- GPRS (Rx+Tx): Class 10 (4+2), Class B
- Messaging: Concatenated SMS (Long SMS), E-mail, MMS, Multimedia Message Service, SMS CB (Cell Broadcast), SMS (Short Message Service), SMS multi-target, Predefined SMS, WAP OTA provisioning
- Services: OTA provisioning (WAP, MMS), SIM Toolkit / Release 99, WAP 2.0
- Voice Codec: FR/EFR/AMR/HR
- GSM band: 900, 1800, 1900, 850 MHz

## Power

- Battery Capacity: 1050
- Battery Type: Lithium-ion
- Standby time: up to 1 month
- Talk time: up to 8 hrs
- Music playback time: 30
- Charging time: 4 hour(s)
- Extra standby time\*: up to 1 week
- Extra talk time\*: up to 2.5 hours
- Battery saving manager: Auto switch on/off

## Convenience

- Language available: UI: Chinese Simplified, Chinese Traditional, English, French, Indonesian, Romanian, Russian, Thai, Turkish, Vietnamese
- Ease of Use: Hands free mode, Hot Keys, In-flight mode, Keypad Lock, Softkeys, Vibra Alert
- Call Management: Call Forwarding, Call on Hold, Call Time, Call Waiting\*, Caller ID\*, Conference Call, Emergency Call, Microphone mute, Missed Calls, Multi-party call, Received Calls, Firewall
- Buttons and controls: 4-way navigation key and enter, Soft keys
- Volume control
- Clock/Version: Digital, International clock
- Games and applications: Alarm Clock, Calculator, Calendar, Euro Converter, Java MIDP 2.0, Lunar Calendar, Stopwatch, Countdown timer, International converter, Sudoku game, MSN
- Language available: T9 input: Chinese Simplified, Chinese Traditional, English, French, Russian, Turkish
- Personal Info Management: Smart Phonebook, Vcard Exchange, Safeguard, Task list
- Personalisation/Customization: Downloadable Java Applications, Downloadable Picture, Downloadable Ringtones, Fotocall, Wallpaper, Ringtones

## Sound

- Ringers: MP3 ringer, Polyphonic (64 tones), Voice memo ringer

## Audio Capturing

- Voice recording: Yes, AMR

## Audio Playback

- Audio supported formats: AMR, Midi, MP3, AAC, WAV

## Video Capturing

- Video format: H.263, MPEG4
- Video resolution: Sub-QCIF
- Frame rate: 15 fps
- Image sensor resolution: 2M pixels
- Image sensor type: CMOS

## Video Playback

- Resolution (pxl): 176x144
- Compression formats: MPEG4, H.263
- Frame rate (fps): 25

## Dimensions

- Product dimensions (WxDxH): 111x45x16.6
- Form Factor: Candy bar
- Antenna: Integrated

## Green Specifications

- Lead-free soldered product

## Accessories

- Standard Package Includes: Battery, CD ROM (Mobile Phone Tools), Charger, Handset, Stereo Headset, User Manual, USB data cable



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\* To maximize backup power, use an Energizer Lithium AAA battery.  
Also works with disposable Alkaline and Lithium batteries and rechargeable Nickel Metal Hydride (NiMH) batteries.

\* Specification indicated based on initial full battery charge tested in laboratories with Bluetooth switched off. Actual performance is dependent on network service provider and usage.