B400 User Manual

(Version 1.0)

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1. General Information

1. 1 Introduction

Thank you for purchasing the B400 GSM. Please read all information carefully before getting stared to install and use the Mobile. This would help you to make good use of this mobile and fully understand the functions of mobile and be easy to operate. B400 GSM is aimed to design for GSM/GPRS network. B400 GSM complies with GSM/GPRS Technique regulations and it is certified by internal and external authorities.

> For your safety, read the guidelines carefully.
> Breaking the rules may be dangerous or illegal.

1. 2 For your safety

Don't use a hand-held phone while driving.

Stop and park your vehicle safely before using your phone.

Switch off in aircraft

Wireless devices can cause interference in aircraft. The use of mobile telephones in an aircraft is illegal. Please switch off your mobile before taking off the plane and please ensure the alarm clock should be closed when the mobile is turned off.

Switch off near blasting

To avoid interference in the process of blasting, don't use the phone where you may read the sign of "Blasting Spot" or "Turn off your wireless". Observe restrictions and follow any regulations or rules.

Switch off near dangerous stuff.

Don't use the phone at a refueling point. Don't use near fuels or chemicals.

Switch the phone off in hospitals.

Switch the phone off near medical equipment. There may be a hazard associated with the operation of phones close to inadequately protected personal medical devices such as hearing aids and pace makers. Don't put your phone on pacemakers which means not to put it in the pocket of clothes.

Use your phone promptly

The antenna is straight over your shoulder when you are talking to the phone. Don't touch the antenna if not necessary.

Emergency calls

Ensure the phone is switched on and in service. Enter the emergency number

Radio frequency (RF) exposure and SAR

This phone meets European Union (EU) requirements concerning exposure to radio waves. Your mobile phone is a radio transmitter and receiver. It is designed and manufactured to not exceed the limits for exposure to radiofrequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health. The exposure standard for

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mobile phones employs a unit of measurement known as Specific Absorption Rate (SAR).

Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a mobile phone. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the mobile phone while it is operating can be well below this value. This is because the mobile phone is designed to use the minimum power required to reach the network. Variations in SAR below the radio frequency exposure guidelines do not mean that there are variations in safety. While there may be differences in SAR levels among mobile phones, all mobile phone models are designed to meet radio frequency exposure guidelines. Before a phone model is available for sale to the public, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (that is, at the ear and worn on the body) as required by the FCC for each model. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body without any metal parts in the vicinity of the phone or when used with the original accessory intended for this phone and worn on the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The SAR limit recommended by the EU Council is 2.0W/kgA
The highest SAR value for this model phone was 0.587W/Kg for 900MHz and 0.062W/Kg for 1800MHz .

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands.

A. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary, depending on national reporting requirements and the network band.

1. 3 Battery Use

Use only approved batteries. Use of any unauthorized accessories could damage you and your phone and may be dangerous. If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Never use a charger or battery that is damaged.

Use the battery only for its intended purpose.

- If you use the phone near the network's base station, it uses less power. Talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be

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charged and discharged hundreds of times, but it will gradually wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only approved batteries, and recharges your battery only approved chargers. Disconnect the charger from the power source when it is not in use. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object like a coin, clip or pen causes a direct connection between the + and – terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.
- The phone could explode if the battery is replaced with an incorrect type.

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- Dispose of used batteries according to the manufacturer's instructions.
- At very high volumes, prolonged listening to a headset can damage your hearing.
- To avoid risk of personal injury, do not dispose of your battery in a fire.
- Do not throw your battery or mobile device in the trash.

2. Getting Started

2. 1 Unpack

Make sure you have each item
• Phone
• Battery
• Earphone
• User's Guide
• Travel Charger
• Service Booklet
• USB Data Cable
• SD Memory Card (Optional)

2.2 Phone feature

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Volume Key

All-in one
Connect port

Receiver   Camera

Main Display

Navigation Keys
Right Soft Key
End / Power Key

Left Soft Key
WAP Key
Send Key
Alphanumeric
Keys

Special
Function Keys

KEY DEFINITION

Soft Keys

Perform functions identified by left/right display prompt.

Right button: Cancel numbers & letters when you make a call or input letter for phonebook, message or WAP.

Navigation Keys

Scroll through the menu options.

Move the cursor up and down in the normal editing mode.

Move the cursor to left and right in all editing mode.

Send Key

Dial or answer a call.

Recall the last call numbers in the idle mode.

Power on/off Key & End Key

To end a call

Switch the phone on and off. (press this key and hold)

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Cancel your input in the menu facility and return to the idle mode.

Alphanumeric Keys
You may enter numbers, letters and special characters.
It changes camera settings in camera mode.

Special Function Keys
Enter Special Characters / Perform Various Functions

SHORTCUTS

Left: Access to "Messages"
Right: Access to "FM Radio"
Up: Access to "Bluetooth"
Down: Access to "Music Player"
from an idle mode
You may dedicate the left navigation key for favorite menu in 'Dedicated key' setting menu
(Menu > 11.Settings > 1.Phone Setup > 5.Dedicated Key)

WAP Key
Access to WAP menu (press shortly), and launch WAP browser (press and hold).

To activate the "Keypad Lock", press this key and hold.

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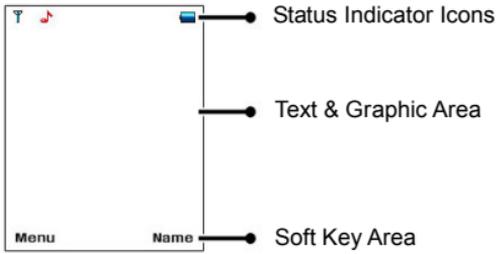To activate the "Light Only Mode" option, press this key and hold.

SIDE KEY

Volume Key (side)
Press up or down key to increase or decrease the volume.

DISPLAY LAYOUT

The idle screen display includes three areas.

Status Indicator Icons

Text & Graphic Area

Menu   Name

Soft Key Area

ICONS

Icon	Description
📶	**Signal Strength**
GPRS	**GPRS**
GPRS	**GPRS Connect**

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R	**Roaming**
(icon)	**Missed Calls**
(icon)	**Indoors**
(icon)	**Outdoors**
(icon)	**Meeting**
N	**Normal**
(icon)	**New Message**
(icon)	**MMS Unread**
(icon)	**MMS Busy**
(icon)	**Broadcast Message**
(icon)	**WAP Mail**
(icon)	**Call Barring On**
(icon)	**Call Forward**
(icon)	**Bluetooth**
(icon)	**Bluetooth Headset**
(icon)	**Bluetooth File Transfer**
(icon)	**Ring**
(icon)	**Vibration and Ring**

〰️🔊	**Vibration then Ring**
📳	**Vibration On**
☀️	**Light Only Mode**
⏰	**Alarm On**
⏱️	**Stopwatch**
🔒	**Lock**
🔋	**Battery Strength**
🎧	**Headset**

2. 3 SIM Card

When you subscribe to a cellular network, you receive a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details, such as your PIN, and available optional services.

There are access codes for your SIM card. These codes help you to protect the phone against unauthorized use.

■ **PIN**

The **P**ersonal **I**dentification **N**umber or PIN (4-8digits) protects your SIM card against unauthorized use. The PIN comes with the SIM card; see the SIM card instruction provided with your card. If you enter an incorrect PIN three times in a roll, the code will be disabled and cannot be used until re-entering the PUK.

■ **PUK**

The 8-digit PUK (**P**ersonal **U**nblocking **K**ey) is required to change

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a disabled PIN. The PUK may be supplied with the SIM card. If not, or in case you have lost it, please contact your service provider.

To re-enable your PIN, proceed as follows.

2. 4 Operation

Install and charge the phone

1. If the phone is already on, first turn it off by pressing and holding End key.
2. Insert the SIM card.
   (Make sure that the gold-colored contacts on the card are face down)
3. Install the battery then replace the battery cover.
4. Plug the travel adapter into the phone.
5. Plug the adapter into a standard AC wall outlet.
6. When the phone is completely charged (the battery icon becomes still), unplug the adapter from the power outlet.
7. Remove the adapter from the phone.
8. Switch the Phone On/Off
9. Enter Your Pin (Access Codes)
10. Dial the Phone Number Required

Power On or Off

1. Hold down the power on/off key for more than one second to switch on/off.
2. Enter your SIM card PIN, if requested. The phone searches for your network and when detected, will display the idle screen. The external display shows the signal strength, battery strength and current time and date.

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Customize your phone

■ Time and Date
[Menu] → [10.Settings]→ [10.2 Phone Setup] → [10.2.1. Time and Date]

■ Display language
[Menu] → [10.Settings] → [10.2 Phone Setup] → [10.2.2 Language]

■ Set Dedicated key
[Menu] → [10.Settings] → [10.2 Phone Setup] → [10.2.5 Dedicated key]

■ Idle mode Wallpaper
[Menu] → [10.Settings] → [10.3 Display Setup] → [10.3.1 Wall paper]

■ Call ringer melody
[Menu] → [10.Settings] → [10.1 Profiles]

■ Phone lock
[Menu] → [10.Settings]→ [10.6 Security Setup]

3. Overview of menu functions

To access Menu mode, press [**Menu**] in Idle mode.
* Some menus are operator-, network- and subscription-dependent.

1. Phone Book
1.1 Quick Search
1.2 Search Entry
1.3 Add New Entry
1.4 Mark Multiple
1.5 Caller Group
1.6 Speed Dial
1.7 Special Number
1.8 Settings

2. Message Center
2.1 Messages
2.2 E-mail
2.3 Voice Mail
2.4 Broadcast Message

3. Call History
3.1 Missed Calls
3.2 Dialed Calls
3.3 Received Calls
3.4 Delete Call Log
3.5 Call Time
3.6 Call Cost
3.6 SMS Counter
3.7 GPRS Counter

4. Music
4.1 Music Player
4.2 Audio Equalizer

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1. Phone Book

To access, press [**Menu**] in Idle mode and select **Phone Book**.

1.1 QUICK SEARCH

Use this menu to search for numbers in Phone Book.

1.2 SEARCH ENTRY

You can search phone book data by Name.

1.3 ADD NEW ENTRY

Use this menu to add a new contact to Phone Book.

1.4 MARK MULTIPLE

You can mark selected numbers from Phone book data and delete.

1.5 CALLER GROUP

Use this menu to organize your contacts in caller groups.

1.6 SPEED DIAL

Use this menu to assign speed dial numbers (2 to 9) for your most frequently called numbers.

1.7 SPECIAL NUMBER

To assign speed dial numbers (2 to 9) for your frequent calls.

1.8 SETTINGS

To view or edit your own number, Service Dial and SOS number.

2. Message Center

Use this menu to send or receive short messages, multimedia messages, and e-mails.

2.1 MESSAGES

The SMS (Short Message Service) function is a network service and your network may or may not support the service. You can send messages in Fax, Page, E-mail and Text format. To send text messages by phone, you must obtain the SMS center number from your service provider, and enter it on the **SC Address** option in Profile Settings menu.

Multimedia Message Service (MMS) delivers messages containing a combination of text, image, video and audio, from phone to phone or from phone to e-mail.

2.2 E-MAIL

The E-Mail application allows you to send and receive e-mails. The application supports text and attachments. The e-mail application could be either normal POP3 e-mail client or IMAP4 based e-mail service. When highlighting on Inbox, Sent, Unsent and Draft, the number of mails shall be displayed as a popup hint, e.g., "10 mails"

Note:

If current incoming protocol is set to IMAP4, and the phone is not currently connected to the network, when before entering this screen, shall popup a confirmation screen for the user with

message "Do you want to connect to the network?" If the user selects "Yes", then can send list folder request to network; otherwise, directly enter this screen, and all popup hint displays "0 mails."

2.3 Voice Mail

Your phone is capable of dialing with voice-mail server number (if provided by your network). If you receive any voice-mail, your phone displays **New Message** in the idle screen.

Select the Voice Mail from the list and press [Option] soft key (left). You can **Edit** the Voice Mail server number.

By selecting the **Connect to Voice**, your phone will dial to the configured number that has been stored in Voice Mail list. You can then listen to the voice-mail.

Note: Voice mail is a network feature. Please contact your service provider for more information.

2.4 Broadcast Message

This network service allows you to receive the broadcast messages on various topics such as weather, traffic, local district code, local hospitals, taxis or pharmacy in your area.

For more information about broadcast message topics, please contact your service provider.

> **Note:** This service may not be available on all networks. For more information about the available subjects, please contact your network service provider.

3. Call History

Use this menu to view the calls you have dialed, received, or missed, and the length of the calls. To access this menu, press [**Menu**] in Idle mode and select **Call History**.

3.1 Missed Calls
This menu displays the most recent 20 missed calls.

3.2 Dialed Calls
This menu displays the most recent 20 calls you have **dialed**.

3.3 Received Calls
This menu displays the most recent 20 calls you have received.

3.4 Delete Call Log
This menu lets you delete all call data of each category at once.

3.5 Call Time
This menu displays the time log for calls made and received. The actual time invoiced by your service provider will vary.

> **Note:** The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes and so forth.

3.6 Call Cost

This network feature displays the cost of calls. This menu is available only if your SIM card supports this feature. Note that this is not intended to be used for billing purposes.

> **Note:** Not all SIM cards support this feature. The number of items in these lists depends on the contents of your SIM card.

3.7 SMS Counter

You can view the numbers of sent and received SMS.

3.8 GPRS Counter

You can view how many GPRS message has been sent and received, and reset the counter.

4. Music

4.1 Music Player

You can listen to MP3, AAC, MIDI, WAV, AMR, iMelody music files with **Music Player.**

Use the Left & Right Navigation Key to view the play list. It will display available music list from the Memory Card or Phone depending on Player Settings.

And with the Up Navigation Key, the main display will be rotated to Play List, Spectrum, ID3 Tag and Detail. ID3 Tag allows you to provide the music title, album title and singer and Detail allows you to provide the output of the song, memory size and play time.

To play the music, from the music player screen, select ▸ or from

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[Option] soft key (left), select **Current List** or **My Album** then play the song you want.

4.2 Audio Equalizer

Allows you to set equalizer as Normal, Bass, Dance, Classical, Treble, Rock, Pop, User

5. Camera

5.1 Camera

You can use the camera module embedded in your phone to take photos. Before taking a picture, you can set your camera settings on screen by pressing navigation keys, alphanumeric keys, and [Option] soft key (left).

Taking and Saving a Photo

1. Choose **[Camera]** menu
2. Set your camera by using [Option] or alphanumeric keys.
3. After setting the view, pressing the [OK] key.
4. Press the Save Key [Left Soft Key] to save.
5. To send the picture by MMS promptly, press the alphanumeric key, "9".

Key Usages in Camera Preview

※ Navigation Keys

• Magnifying Setting (Up & Down Navigation Key): allows you to resize the image.
• Brightness Setting (Left & Right Navigation Key): allows you to adjust the brightness.

※ **Alphanumeric Keys**

You can easily change the camera setting by pressing the following alphanumeric keys.

Note: Camera options

Key	Setting	Key	Setting
1	Effects	**7**	Picture Quality
2	White Balance	**8**	Picture Size
4	Delay Timer	*****	Album
5	Shoot Mode	**#**	Show or Hide Option Icon
6	Video Record	**3**	Frame

5.2 Album

You can see your photos in your phone by choosing [Album] menu in [Camera] menu.

5.3 Video Recorder

With this phone, you may record a video with the Video Recorder menu.

Alphanumeric Keys

You can easily change the video setting by pressing the following alphanumeric keys. The screen will display and toggle camera option icons, when you press the following keys.

Note: Video options

Key	Setting	Key	Setting
1	Effects	4	Night Mode
2	White Balance	6	Camera
*	Video Player		

5.4 Video Player

You can view the recorded video with the Video Player. By pressing the 2 key, you can view the recorded video with the width screen.

5.5 Photo Editor

Photo Manager

You can edit photo image with this function.

1. To edit, select file from the File Manager storage.

2. Choose Image file

   (1) Auto Resize function resizes the selected image to full image

   (2) Main LCD Clip function clips a part of image to fit in 176x220 pixels.

Image Tile

To edit photo image by using several shots you saved at Album and combine them in one frame.

Slide Show

You can view images as a slide show, a sequential presentation of each image in the current folder.

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6. FM Radio

6.1 FM Radio

From the FM Radio mode, you can access to the FM Radio options by pressing the <option> soft key (left)

6.2 Schedule FM Record

This menu allows you to set the Schedule FM Radio to record at a specific time. You can save up to 4 channels.

7. Organizer

Use this menu to keep track of your schedule.

7.1 Calendar

You can keep track of your monthly schedule.

7.2 To Do List

You can view all saved tasks.

7.3 Alarm

To set the alarm to ring at a specific time.

7.4 World Clock

Set your local time zone and find out the current time in another part of the world

7.5 Calculator

You can keep track of your monthly schedule.

7.6 Units Converter

You can convert from one type of unit to another.

7.7 Stopwatch

This is a tool to measure timing.

8. Services

This menu allows you to use services including SIM card additional services, WAP and Data Service.

8.1 SIM Toolkit (depends on SIM)

If you use a SIM card that provides additional services, the STK menu displays. For details, please refer to your SIM card instructions or contact your service provider.

8.2 WAP

The Wireless Application Protocol (WAP) on your phone allows you to access the wireless web. Using the web browser, you can access up-to-date information and a wide variety of media content, such as wallpapers, ring tones, and music files.

To access this menu, press [Menu] and select **Services** then **WAP**. You can also press the WAP key in the idle mode.

This option allows you to set the WAP settings. There are several profiles of sites in this phone. You can activate one of them as a home site and change or set each profile.

8.3 Data Account

This menu allows you to change the settings for the GSM and GPRS network services. For further details, contact your service provider.

9. Entertainment

You can use your phone as your entertainment center.

9.1 Java

Using this menu you can enjoy the embedded Java games and downloaded Java games or Java Applications from WAP.

9.2 Java Settings

Setup audio, network profile, and free data space.

9.3 Games

This phone provides you embedded games.

9.4 Sound Recorder

With this menu, you can record sound in AMR, WAV and AWB format and use it as voice memo, ring tone, MMS and EMS attachment.

9.5 Melody Composer

With this menu, you can create an iMelody file.

9.6 Health

With the Health menu, you can check your BIO Rhythm and BMI.

9.7 E-Book Reader

With this menu, users can ready Txt file.

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10. Settings

The Settings menu provides you with various setting options to customize the phone to your preferences.

10.1 Profiles

Use this menu to customize various sound and change settings for the light.

10.2 Phone Setup

Many different features of your phone's system can be customized to suit your preferences.

10.3 Display Setup

This menu allows you to customize desired phone display items.

10.4 Call Setup

The following Call Setup features are network services. Please contact your network service provider to check availability.

10.5 Network Setup

Network Setup helps you in Network Selection, selection of Preferred Network, and GPRS connection.

10.6 Security Setup

Use this menu to protect the phone against unauthorized use by managing the several access codes of your phone and SIM card. These security settings will help you to keep privacy and to prevent other people from using the phone without your

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permission.

PIN Lock

The phone only works when you enter PIN code for the SIM card.

Phone Lock

User must enter password each time to make a call or use.

Auto Keypad Lock

To prevent unwanted accidental key presses, you can use this auto keypad lock function.

To change the Keypad Lock setting,

1. Press and hold the * key or
2. Press the menu key and select 10. Settings / 10.6 Security Setup / 10.6.3 Auto Keypad Lock.

To unlock the Keypad Lock time setting,

Press the [unlock] soft key (left) and * key in sequence, each time you need to release the keypad lock.

Fixed Dial

Users can call to the phone numbers stored in the Fixed Dial List only. To make a call to the number not starting the numbers stored in Fixed Dial List, you must enter the PIN2 to

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disable Fixed Dial mode. If the SIM card does not have PIN2, this feature is not supported.

Barred Dial

When this mode is on, users cannot call numbers in the barred dial list. To call a barred number, you must enter the PIN2 to disable the barred dial mode.

Change Password

To change the password, input the current password, and then enter the new password.

10.7 Restore Factory Settings

Allows you to restore your default settings.

(The initial password is 0000)

11. Bluetooth

Bluetooth helps to transmit data or photos from your mobile phone to another device nearby without any cables.

12. File Manager

Use this menu to navigate the stored files in the phone or the Micro SD (T-Flash) Card. You can open files and use them in a way the phone supports, and see the total memory used and free space in the storage.