

# **User's Manual of Avvio 405TV Mobile Phone**

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# **1. Basic Information**

## **1.1. Brief Introduction**

Thanks for selecting Avvio 405TV color screen GSM digital mobile phone. Through reading the manual, you can fully know how to use Avvio 405TV mobile phone, appreciate its complete function and simple operating method.

Avvio 405TV color screen mobile phone is designed aiming at GSM network environment; the phone is One Card One Standby, but you can't call another SIM card when one SIM card is under phone call. Besides basic call functions, Avvio 405TV also provides many kinds of practical functions, such as name card holder, scene mode, message, audio and video player, camera and video, E-book, game, alarm clock, calculator, STK, time and date, auto power-on and shut-down and etc. so that convenient for your work and leisure activities. In addition, Avvio 405TV adopts personalized human-computer interface design, its complete function can meet your different requirements.

Avvio 405TV color screen mobile phone accords with GSM criterion, has obtained the certification of competent authority.

The company reserves the rights to revise the contents of the manual without prior notice.





## 2. Before Use




### 2.1. Name and Explanation of Each Part

#### 2.1.1. Appearance Sketch Map

The picture is only for your reference.

#### 2.1.2. Description of the Standby Pictures

	<b>Network signal strength</b> The more the stripe is, the stronger the signal is. When SIM card 1s inserted in card slot 1, standby screen will show the icon.
	<b>Battery strength</b> The full the fill is, the more electric quantity is. Standby screen will show the icon.
	<b>Normal mode</b> When scene mode is set as normal mode, standby screen will show the icon.
	<b>Silent mode</b>

	When scene mode is set as mute mode, standby screen will show the icon.
	<b>Meeting mode</b> When scene mode is set as meeting mode , standby screen will show the icon.
	<b>Indoor mode</b> When scene mode is set as Indoor mode, standby screen will show the icon.
	<b>Outdoor mode</b> When scene mode is set Outdoor mode, standby screen will show the icon.

### 2.1.3. Description of Keys

<b>Keys</b>	<b>Function</b>
<b>Left soft key/ Right soft key</b>	<p>1. Execute functions that the left-down/right-down corner indicator shows.</p> <p>2. In the standby mode, press Left Soft key to access Menu, Right Soft key to</p>

	access Call log.
<b>Navigation key</b>	On other interfaces, it equals to navigation key and direction key except for special functions.
<b>Dial key</b>	<ol style="list-style-type: none"> <li>1. Press this key to dial or receive an incoming call.</li> <li>2. When in the standby mode, press this key to access Dialed Calls.</li> </ol>
<b>OK key</b>	On the standby interface, enter into TV interface.
<b>End key</b>	<ol style="list-style-type: none"> <li>1. Mainly used as power on/off.</li> <li>2. Press to return to standby screen in any interface.</li> <li>3. End calls or reject incoming calls.</li> </ol>
<b>A~Z key</b>	In the text input interface, to input the letter A~Z.
<b>Number keys</b>	Input the numbers or letters they represent.
<b>* key</b>	short key press: Into dial phone interface, and input *
<b># key</b>	short key press: Into dial phone



	interface, and input #
<b>Del key</b>	when editing text, press it to delete the words that you do not need.
<b>Enter key</b>	The cursor jump to a new line
<b>Alt key</b>	To combine with the A~Z keys to input symbols
<b>Ctrl key</b>	Switch input method
<b>Space key</b>	Output space
<b>Sym key</b>	Enter into the select symbol menu
<b>Mute key</b>	Switch Silent /General mode

## **2.2. Install SIM Card and Memory Card**

### **2.2.1. SIM Card**

**Before using the phone, you must insert valid SIM (Subscriber Identity Module) card in the phone. SIM card 1s provided by network supplier.**

When you subscribe to a cellular network, you will receive a plug-in SIM card complete with your subscription details, such as your PIN, and available optional services.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water or dirt.

**Tips: Face the gold color contact point of SIM card towards the cell phone and push the SIM card into the slot.**

### **2.2.2. Memory Card**

Aim at the T card slot and push the T card gently, and the card will be inserted correctly.

**Prompt: If the memory card is failed, please check whether it is correctly placed and good contact of metal point.**

## **2.3. Battery**

### **2.3.1. Install the Battery**

- Take off the rear cover, of the mobile.
- Make one end of battery with metal surface aim at the battery connector.
- Then gently press the battery downward using the finger, and then press the other end to install the battery.

**Prompt: Please operate correctly to avoid damaging the battery connector.**

### 2.3.2. Charging

Insert the charger on the charging interface at the side end of the phone.

Connect the charger to a standard wall outlet and the battery power icon in the up-right corner of the screen will start scrolling. When the battery bar stops scrolling, it means the battery charge is complete. Press the two sides of the charger plug and disconnect the charger from the phone.

**Prompt: In order to ensure normal operation of the phone, please make sure to use the designated charger.**

## 2.4. Security Password

### ■ PIN

PIN (Personal Identification Number) is used to prevent your SIM card from being used illegally. PIN is usually provided with SIM card together. If you input wrong PIN for continuous three times, please input PUK to unlock it. Please contact with network operations company for more details.

### ■ PIN 2

You need to input PIN2 when entering some functions (such as call charge); if you input wrong PIN2 for continuous three times, you need to input PUK2 to unlock it. Please contact with network

operations company for more details.

#### ■ PUK

When changing the locked PIN, you need to input PUK (Personal Unlock Key). PUK is provided with SIM card together. If it is not provided, please contact with your service provider. If you input wrong PUK for continuous ten times, the SIM card can't be used again. Please contact with your service provider to buy new card. You can't change PUK. If you lose the code, please contact with your service provider.

#### ■ PUK2

When changing the locked PIN2, you need to input PUK2. If you input wrong PUK2 for continuous ten times, you can't use the functions that need PIN2. Please contact with your service provider to buy new card. You can't change PUK 2. If you lose the code, please contact with your service provider.

## **3. Quick User Guide**

### **3.1. Dial a Call**

In standby mode, press numerical keys to input phone number to dial phone number. When you finish inputting phone

number, press the dial key to make a call. If you're making a long distance call, add the area code preceding the telephone number. Press left soft key to access Options.

### **3.2. Reject a Call**

You can press End key to reject an incoming call.

### **3.3. Receive a Call**

When an incoming call arrives, the phone will give out the corresponding prompt (such as vibration, ring tone, and etc.); if network support, the phone screen will show the name and telephone number of the caller; at this time, you can press Dial key to receive an incoming call.

### **3.4. End a Call**

After finishing a call, you can press End key to end a call.

### **3.5. Emergency Services**

You can directly dial an emergency service call without SIM card.

Different network uses different emergency numbers, please

consult your network operations company for more details.

### **3.6. Extension Speed Dial**

After inputting telephone number, if you want to input branch number, please press option key of left soft key and select “pause P” of insert menu, and input your extension number after the display screen shows “P”. After getting through the call, it will directly dial the extension.

### **3.7. Dialed Calls/Missed Calls/Received Calls/Rejected Calls**

You can enter call log to check the relevant details of dialed calls, missed calls, received calls and rejected calls.

**Prompt: The record of incoming call from blacklist number will be saved in Rejected Calls.**

### **3.8. Call Forward**

After call forward function is started, according to different forward conditions settings (Call Forward Unconditionally, Forward Busy, Forward No Answer, Forward Can Not Reach), you can select to switch the incoming call to voice inbox or other telephone numbers.

### **3.9. Call Waiting**

After call waiting function is started, when you are calling, the other call can be put through.

### **3.10. Call Barring**

After call barring function is started, according to different restricted conditions settings (all the dialed calls, all the incoming calls, incoming calls when roaming, dialed international calls, outgoing international calls when roaming), you can restrict the call under the corresponding conditions (need to apply to network operator for business).

### **3.11. Power off the Phone**

In the standby mode, press and hold End key to power off the phone.

### **3.12. T-flash Card**

Insert the T-Flash card into phone from the background. This will expand the Flash memory of the phone. Tap Multimedia menu, you can browse MP3, MP4, picture, video, photograph etc.

## 4. Function Menu

### 4.1. Call Logs

- Call logs: Display your recent call log.
- Missed calls: Display the list of your recent missed numbers.
- Dialed calls: Display the list of your recent dialed numbers.
- Received calls: Display the list of your recent answered numbers.
- Rejected calls: Display the incoming call records in the blacklist.
- Delete all: You could delete all the records of the Dialed, Received, Missed and Rejected.
- Call timers: Display information details of SIM: Last Call, Received Calls, Dialed Calls, and All Calls. Press left soft key to "Reset".

### 4.2. STK

Enter STK submenu, you can use the additional services that the network service operator provided.

The device has STK function. The service is provided by network operator. If SIM card or network operator fails to provide



the service, the function can't be available. Contact network service operator, if you want to have more information.

### **4.3. Games**

This mobile phone provides a push box and a snake game, in-game help specific operations are as following.

### **4.4. Contacts**

This function could help you to browse the name card holder, store, edit and delete the names and phone numbers in the phone and in the SIM card. To facilitate the management of the records this phone sets the group function collecting the similar items into a group. The storage capacity of the SIM card varies and the maximum storage capacity of this phone is 50.

### **4.5. Camera**

The device is equipped with a webcam with high pixels. You can take photo at any time and save the photo in the device or SIM card. Press OK key to get the picture.

**Image viewer:** Enter into image browser list.

**DV/DC mode:** Through this function menu, can switch to frame the menu camera.

**Effect:** The special effect can be classified into: normal, black and white, blue, green, yellow, red, sepia and negative.

**Contrast:** Six levels of contrast are available.

**Brightness:** Six levels of brightness are available.

**White balance:** You can set as automatic white balance, incandescent lamp, fluorescent lamp, daylight and cloudy.

**Settings:** Including flash, size, quality, banding, shutter sound, auto save, storage, cont.shot etc.

## 4.6. Message

- Write Message: Please have the service center number from the network operator before applying this function. The storage capacity of SIM card depends on its type.
- Inbox: Save the received message.
- Outbox: Save the SMS message not sent out successfully.
- Drafts: Save the unsent messages.
- Sent box: Save the SMS message you sent successfully.
- Security inbox: Will store information to safety after the inbox, into view must enter the password to check.
- Templates: You could edit or delete the templates.
- Broadcast message: The area info services send different kinds of messages. Change the settings of this service and inquire the area info by using this function.

- Voice mail server: This phone supports the function of the voice mail. You could choose either SIM. When you receive the calls from others, they could give you a message in your voice mailbox. When you phone receives the message notice, you could listen to the messages. Under the voice mail interface you can edit and set the number of line 1, fax or data.
- SMS Settings: Set relevant parameters for the short messages.
- Message capacity: Show the memory capacity of the messages.

## **4.7. Multimedia**

- Image: To enter the images list interface press the left soft key and you could go on the following operations.
- DV: The device is equipped with a video capture so that you can chat with your friends through it. A driver is needed to be installed when the video capture function is used. The details can be found in driver installation guide.
- Video: This phone supports the video format of 3GP, AVI and MP4.
- Audio: This phone could play the MP3 stored in the phone memory and support the background play.
- FM radio: You can listen to Fm radio freely. Enter the radio

interface. Press the left and right navigation key to switch on a channel and a channel. Press the ok keys to stop/play broadcasting FM radio. Press to the up and down keys to adjust volume.

- Recorder: By using this function you can record or listen to your own recordings. The record file format: wav.

## **4.8. Application**

- Bluetooth: This mobile phone support Bluetooth wireless connection. You can establish wireless connection between mobile phone and device to realize voice communication, data exchange and synchronization.
- Calendar: You can use this feature to view the year, date and solar term easily. Use up/down/left/right direction key to navigate the other date.
- Alarm: You can edit alarm, time, ring and repeat the ring mode. In “alarm edit” mode, you can scroll up or down direction key and when the cursor goes to the desired option, press “OK”, and you can select the desired settings.
- Ebook: You can read files (\*.TXT) saved in the phone storage or Memory Card. (Memory card have been inserted into the mobile-phone).

## 4.9. Settings

### ■ Call Settings

— — Call divert: When “call divert” function is start up, you can transfer the incoming call to voice inbox or other phone number according to the task “ call divert” conditions.

— — Call waiting: You can start up or shut down the function. When it is selected even when you are on a call, you can also receive another call.

— — Call barring: All outgoing calls, incoming calls, roaming incoming calls, international outgoing calls, roaming international outgoing calls are available.

— — Hide ID: This function must be supported by the network.

— — Others: The setting options include IP prefix, Call time minute reminder, Auto redial, Vibration when connections, Reply SMS after reject, Flight mode, Auto record voice call.

### ■ Phone settings

— — Date & time: You can set up the date and the time on the phone as well as in the display mode.

— — Language Settings: You can select phone language.

— — Auto Power on/off: You can set the time and repeat mode to power-on or power-off.

— — Power saving mode: When setting pattern set to save electricity mode. And can view your battery power.

— — Restore factory settings: You can restore part of the phone settings as factory settings. The default code of restoring factory settings is: 0000.

## ■ Display

— — Animation effect: Including Power on display, Power off display.

— — Wallpaper settings: You can set as default wallpaper images or as well as other wallpaper images.

— — Idle display settings

— — Contrast: On the screen backlight interface you can set different brightness of your phone by pressing the left/right direction key.

— — Backlight: Adjust the backlight time.

— — Keypad backlight time: Adjust the keypad backlight time.

## ■ Security

— — PIN: You can start up shut down or modify PIN code. The default PIN code is 1234.

— — Modify PIN2: You can review PIN2 code. For details, please contact the network operator.

— — Phone locked: Open or close the phone lock. The default password is “0000”.

— — Modify the cellphone password: Change the phone and privacy password.

— — Privacy: You can review privacy protection password. The

default password of privacy protection mode is 0000.

— — Auto Keypad lock: Set the time of mobile phone automatically locked.

— — Lock screen by end-key: Choose open or closed by red key locking function.

— — Guard lock: You can start up or shut down anti-theft function or revise anti-theft function password (the password shall be 6-digit). The default anti-theft password is 123456.

— — Fixed dialing: Start and close of the fixed dialing, and management of the fixed dialing list.

— — Blacklist: Set the Settings of the blacklist and management of the list.

#### ■ Network settings

The items are:

— — Network selection: Select to automatically or manually connect.

## **4.10. Analog TV**

You can watch TV freely. Enter the TV interface first time, search the channel automatically, and change previous or next channel by pressing the navigation key.

## 4.11. Extra

- Calculator: The function will make your device a calculator which you can carry out simple math calculations.
- Profiles  
This phone provides several profiles, by pressing left soft key, you can enter to set: Add, delete and settings.

## 4.12. My files

My files manager can manage the files in the phone and memory card. (make sure the card has been inserted).

# 5. Text Input

The device provides several text input modes so that you can write text or input data in your “contacts”, edit “contacts” record, search English names and write SMS and to-do list.

In “text input” mode, if you want to change the input way, you can press Ctrl key. The selected input way will appear on the top left of the screen.

### **Letter (Capital, Normal)**

Enter edit page, press Ctrl key and switch the input mode to



“letter”, then press the keys on keypad, selected letters will appear on the screen.

For example, if you want to input “ok”, you need to press the “o” key and “k” key. Press right soft key or Del key, you can delete the text you input.

### **Number**

Enter “edit” mode, press Ctrl key you can change the input way to “ number”. Then press the keys, number will appear on the screen. The key 0-9 separately represents the figure from 0 to 9. You can press corresponding key to get desired number. Press right soft key can delete the number you input.

### **Punctuation**

Enter the “edit” mode, press Sym key, the punctuations will appear. You can scroll the direction key so that the cursor can select desired punctuation. Press left soft key can select the desired punctuation.

## **6. Care and Maintenance**

### **Maintenance of battery**

Your device is powered by a rechargeable battery. It is necessary to have the battery charged when it is going to wear out. The full

performance of a new battery is achieved only when it is fully wore out.

Unplug the charger from the electrical plug and the device when not in use. Do not leave fully a charged battery connected to a charger over a week, since overcharging may shorten its lifetime. Temperature tends to affect the limit of battery to be charged. Therefore, it is necessary for the battery to be cooled or warmed before it is charged. If the temperature of batter exceeds 40 °C ,the battery cannot be charged.

Use the battery only for its intended purpose and avoid short-circuiting. Accidental short-circuiting can occur when a metallic object causes direct connection of the positive (+) and negative (-) terminals of the battery.

Do not use damaged battery.

Leave the battery in hot or cold places will reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily, even when the battery is fully charged.

Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations.

Care of maintenance of your device

The suggestions below will help you protect your warranty coverage.

Keep the device and accessories out of the reach of small children.

Keep the device dry. All types of liquids or moisture will corrode

electronic circuits.

· Do not store the device in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.

Do not attempt to open the device other than as instructed in this guide. Non-professional handling may damage the device.

Do not use harsh chemicals or strong detergents to clean the device.

Use only the supplied or an approved replacement attachments, for the unauthorized ones could invalidate the warranty of maintenance.

## **7. FCC Regulations:**

This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If

this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Note:**

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## 8. RF Exposure Information (SAR)

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 15 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR.

The SAR limit set by the FCC is 1.6W/kg.

This device is complied with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528. This device has been tested and meets the FCC RF exposure guidelines when tested with the device directly contacted to the body.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: WVBA405TVX.

For this device, the highest reported SAR value for usage against the head is 1.26 W/kg, for usage near the body is 0.64 W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirements.

SAR compliance for body-worn operation is based on a separation distance of 15 mm between the unit and the human body. Carry this device at least 15 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 15 mm between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.

## 9. REGULADOR

Brightstar Corp. declara que esta unidad está conforme con las relevantes Provisiones de la Directiva de Bajo Voltaje 73/23/EEC y la directiva EMC 89 / 336 / EEC.

Brightstar Corp. declara que esta unidad está conforme a los requisitos esenciales y otras provisiones pertinentes de la Directiva 1999/5/EEC.

La certificación FCC solo aplica para el modelo Avvio 405TV.



Guía de Usuario del Avvio 405TV versión 1.0 [SPA]

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