



## **User Manual**

**Avvio 938S/MEU TN101/Avvio 938W**

## **PREFACE**

## **WELCOME**

Congratulations on the purchase of your Avvio 938S/MEU TN101/Avvio 938W product!

Please retain your original dated sales receipt for your records.

For warranty service of your Avvio 938S/MEU TN101/Avvio 938W product, you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing Motorola product.

- **Please read important safety instructions before use.**
- **Read and understand all instructions before use.**
- **Please retain this guide for future reference.**

The information contained in the Avvio 938S/MEU TN101/Avvio 938W user guide is believed to be correct at the time of printing. We reserve the right to change or modify any information, product specifications, features or functionality without notice. The contents of the Avvio 938S/MEU TN101/Avvio 938W user guide are provided “as is.” Certain features may not be activated by your service provider, and/or their network settings may limit the feature’s functionality. Additionally, certain features may require a subscription.

Contact your service provider for details.

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# AVISOS ImportantES

## Precaução / Medidas de Segurança

### Segurança ao dirigir

Utilizar o telefone celular enquanto se dirige é ilegal e deve ser evitado a todo custo. Se você precisar fazer ou receber uma chamada urgente, encoste o seu veículo na rua e espere o mesmo parar completamente antes de utilizar seu telefone.

### Desligue em ambientes potencialmente perigosos

Telefones sem fio podem interferir no funcionamento de aeronaves, bombas de gasolina, equipamentos médicos em hospitais e próximo a locais propensos a explosões. É extremamente importante que você não utilize telefone celular enquanto estiver em qualquer um dos locais listados acima.

Além disso, lembre-se de desativar qualquer alarme que tenha ligado antes de desligar o MEU 406 antes da decolagem de uma aeronave.

### Utilização da Bateria

A primeira carga deve ser feita utilizando o carregador comum e não utilizando o cabo USB.

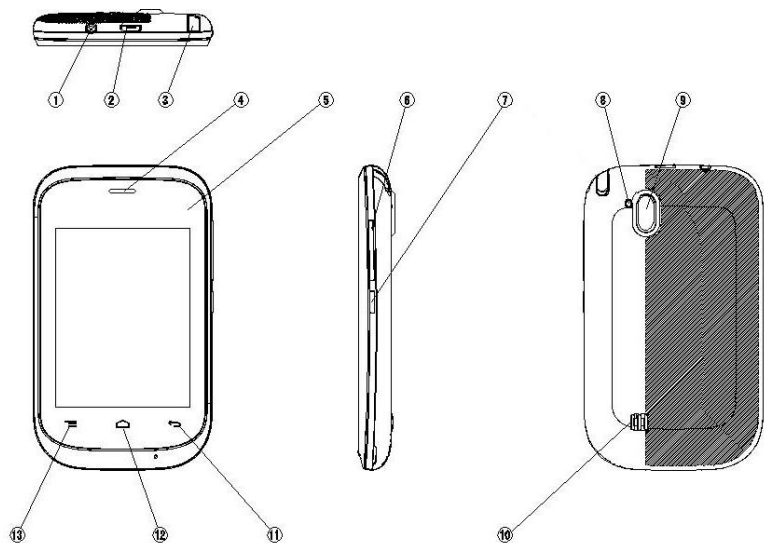
Durante as 3-4 primeiras sessões de carga, carregue a bateria até que ela seja totalmente carregada de acordo com o indicador de nível de bateria. Isso assegura um backup maior da bateria e prolonga a vida da mesma.

Evite carregar parcialmente. Espere a bateria descarregar totalmente antes de carregar novamente.

Carregar pelo Cabo USB deve ser reservado para uma emergência.

Utilize o aparelho no modo vibrar somente em ocasiões raras.

## PHONE OVERVIEW



Avvio 938S/MEU TN101/Avvio 938W

No.	Description	No.	Description
1	Headset connector	8	Flash LED
2	Micro USB connector	9	Camera
3	ATV antenna	10	Speaker
4	Receiver	11	Back
5	Touch panel	12	Home
6.	Volume +/-	13	Menu
7.	Power on/off Key		

## INSTALLATION

Remove the battery door and Insert SIM card into the SIM slot in the right direction. After this, please connect the rechargeable battery pack into the battery plug and replace the battery door.

**Note:**

**Be sure to carefully match the positive and negative terminals as shown on the battery. When using the phone for the first time, charge it for over 6 hours to ensure optimum battery charge.**

**Caution:**

**DO NOT bend or scratch your SIM card, and avoid exposing it to static electricity, water, or dirt.**













## KEY FUNCTION

Keys	Functions
<b>Home key</b>	Press this key to go back the standby screen.
<b>Back key</b>	Press this key to go back to previous menu.
<b>Menu key</b>	Press this key to open the list of available options on the current screen;
<b>Power key</b>	Press this key to power on/off; normally, press this key to phone locked.
<b>Volume key</b>	Press volume key on the side of phone to increase or turn down volume, when the video. the music or sound recorder is playing interface.



## DISPLAY INDICATORS AND ICONS

The display indicators and icons provide information about the operation of the phone. The idle screen is displayed when the phone is turned ON. Several features can be used only when the phone is at the start screen.

Icons	Descriptions
	Alarm
	Battery Status
	Signal Strength
	New message
	Bluetooth
	Downloading
	Calling
	Silent
	Vibration
	USB
	Flight mode
	Music playing

# BASIC OPERATION

## [1] Switching the phone ON and OFF

- 1) Press and hold the power key to switch on the mobile phone. The screen shows the power on video.
- 2) After power on, if the SIM card inserted is valid, your mobile phone will automatically search available network. If not, it will prompt "No valid SIM card" or "Make emergent call".
- 3) If the PIN code is activated, please input the code. The PIN code is provided by the network operator.
- 4) Access standby interface.
- 5) Press and hold the power source key to switch off the mobile phone.

## [2] Making a call

- 1) Enter area code and phone number and touch call key to dial out.
- 2) Touch delete menu to clear if there is wrong input.

Note: Obstacles give lots of effects on calling quality moving around in a small range will improve signal strength effectively.

## [3] Answering a call

- 1) Touch Accept icon to receive incoming call.
- 2) Press Reject icon to end a call.

## [4] Reject a call

Press reject icon to reject an incoming call.

## [5] Menus

A menu is a list of choices you can make. Each menu contains options that allow you to use the message, make a call and other functions.

You can use menus and sub-menus by touch the icons that show the function you want.

## **[6] Scrolling through menus**

On the Standby screen, menu is showed, select the function by touching. Not all the functions are showed on the standby screen, you can see more functions when you scroll like turning pages.

And in standby screen, please drag down LCD screen from upper side, and then you can check the status of new messages, Alarm, Missed call, Events and so on in the sub menu of notifications and other played functions like music, FM radio, video and others in the sub menu of Ongoing. And drag up, these notification and ongoing sub menus will be hidden.

## **[7] Exiting menu levels**

- 1) To return to the previous menu level, press **Back** key.
- 2) To return to the Standby screen, press **Back** key or **Home** key. No menu setting changes will be saved.

# PHONE MENUS

## [1] Dialer & Call log & Contacts

Touch these icons, you can enter into below 3 sub-menus.

- **Dialer:** After entered in this menu, enter area code and phone number to make a call and touch call icon. And after touch call icon, there are some pop-up menu displayed like New call, Hold, Record for call, Mute, Keypad, Speaker mode, and Other menus ( BT for using BT earphone and so on )
- **Call log:** It display the history of incoming / outgoing / missed call information. By touch menu key, you can sort call information as All, Missed call and Clear call logs.

And you can check the detailed information by touch specific call log.

- **Contacts:** You can store contact information like name, phone number, email, other information, Contact setting and edit / delete the contact information by touch menu key.

If you touch a little long time on specific contact information, pop-up menu displayed for call / message / edit contact / delete.

Contact information will be sorted by order of Alphabet.

## [2] Calendar

You can always access to your calendar and events. You can view the calendar respectively; and also can some events from calendar.

In this menu, you can choose day, week, month showing the way to check the calendar. If the calendar is opened by weeks (month) view, it will be presented as weeks (months), more convenient for you to check the schedule.

## [3] Camera

Learn how to shoot and view photos and videos. Keep press the camera icon for taking another picture. The pictures will store in the shootings. The lens is at the back of the phone and could display the pictures on the screen.

Depending on the shooting scene or shooting conditions, the storage capacity may be different.

- **Settings:** set EV, Self-timer, White balance, Effects and Resolution
- **Video mode:** Slide the scroll bar to switch to the video mode, Long time recording is supported. File format is AVI.

#### [4] Settings

In this menu, you can set Network & connectivity, Personalization, System and Applications

**1) Network & connectivity:** Enter this function to the Flight mode, WLAN, WLAN settings, Bluetooth, Bluetooth setting, and several Cellular network settings and so on.

#### 2) Personalization:

- **Theme settings:** set Wallpaper, Color & Style and Screen lock.
  - Wallpaper:** you can set Home screen wallpaper and Lock screen wallpaper as your hobby.
  - Color & Style:** to select the color and style of the theme.
  - Screen lock:** to set screen lock.
- **Sound settings:** Set Silent, Vibration and Ring volume for incoming calls and notification, Notification sound for new events, New message and incoming call ringtone and device sound.
- **Notification settings:** Set messaging, call log, downloads
- **Security settings:** set phone and SIM securities.
  - Phone lock:** You can activate or deactivate phone lock. The phone lock is a 4-8 digit password (the default password: 0000), which you can change and also you can change the phone lock password as yours .
  - SIM1/SIM2:** you can activate or deactivate SIM1/SIM2 PIN lock and change SIM1/SIM2 PIN and PIN2.

**Note:** Please consult local phone supplier or network operator about SIM PIN or PIN2

**3) System settings:** Set display settings, date and time settings, language& input

and Advanced setting.

- **Display settings:** Set the brightness, Screen auto-lock, Enhanced picture quality.

**Set brightness:** You can touch display strip to set brightness.

**Screen auto-lock:** Adjust the delay before the screen automatically turns off. You can choose 15secs, 30 secs, 1 min, 2 mins, 5min, 10 mins and never.

**Enhance picture quality:** Enhance picture quality as your hobby.

- **Date&time settings:** set the home city, current date and time. If you select Network time auto-update, and then other menus will not be selected
- **Language & input:** set language and input method settings.
- **Advanced settings:** set to restore the phone as factory settings.

#### 4) Applications: set Call settings, Contacts settings and Messaging settings

- **Call Settings:** set Black list, white list, Auto redial, Call time reminder, Auto quick end, Connect notice, Auto answer, and additional call setting like Hide my caller ID, Call waiting & forwarding & barring and so on. Part function should take in network operator supporting.
- **Contacts settings:** set contacts storage, set speed dial list, backup contacts, restore contacts, import contacts, export contacts and so on.
- **Messaging settings:** in this menu, you can set Memory status, Text message, Broadcast message and so on.

#### [5] Clock

Learn how to set and control the alarm. Press Clock icon and you can perform below operations.

- **Set a new alarm :** In standby mode, open clock icon and then, select alarm. And then press menu key to enter the following options:
- **Add Alarm:** After setting the alarm time by scroll "Hour, Minute and AM/PM", click on "Repetition " to set the alarm in specific day in week, click on "

Ringtone "to set the alarm tone, scroll on " vibration" to set on/off the vibration mode and then click" Save" finally. Alarm function will be started.

- **Delete:** you can select alarm to delete.
- **Settings:** you can set Alarm Snooze and Volume.

## [6] **Browser**

You can input the address or key word you want to search.

## [7] **Downloads**

You can view the files that are downloading and the files that have completed download. By touch menu, you can pause and resume for downloading files and Remove all completed files.

## [8] **Gallery**

Your phone provides high resolution display of picture and videos. Use Gallery to view, capture and manage pictures and videos.

**Note:** You must have an optional memory card installed in your phone to take pictures or capture video.

## [9] **Launchers**

By touching Launchers, you can see Launchers, Locks, Home FX on the middle of the screen. You can enter into dialer, call lag, contacts, home menu, Messaging by touching the three icons on the bottom of the screen from left to right. On the top of the screen, you can see the icons of WLAN, Blue tooth, Silence, flight mode, and brightness, turn on/off the function by touching. By scroll the screen like turning pages or touching the left & right bottom screen, you can see VIP contacts, tap to add songs, FM radio, Calendar.

**Note:** If you want to back to the home menu screen originally showed on the phone, you can touch the Launchers again.

## [10] **Messaging**

Enter this menu, then touch menu key to enter "Settings, New message, Delete, SIM message". Maximum storage capacities are depending on the built-in system and

external SIM cards. You can check the memory status of the mobile phone and SIM cards.

### **[11] Locks**

To protect your phone privacy, this phone provides two selectable screen lock, so you can select one as your hobby

### **[12] witch FX**

Open this application, you can select ways: Ball, Space beam, Jump up, Wave, Tilt, Roll and so on. And when you slide screen, the application icons according to the selected way appears.

### **[13] Calculator**

1) Open the application list and then select the "calculator".

2) Use the calculator shows the corresponding key. You can perform basic arithmetic.

**Note:** The precision of the calculator is limited and there are errors, especially when it is indivisible.

### **[14] File manager**

In this menu, you can view pre-defined and User defined folders in phone and memory card. Select any folder and click the right icon of the folder, you can scan the selected folder details. Press menu key to open storage status.

### **[15] Notes**

In this function, you can add new notes. All note records Sorted by time, the latest change at the top. In the list, you can see the first few letters of each record. Press menu key to do add, delete and search operations:

### **[16] Tasks**

Use tasks to keep track of things you need to do. Create a new task and perform operations like Subject, Priority, Due to, Reminder and Note. If you have set alarm fort hcoming task, the mobile phone rings and displays the task when the specified time arrives.

### **[17] FM radio**



Must to be plug in your headphones into the FM radio interface to listen FM radio

- **Auto Search Channel:** Please click the icon button on the right of below screen and then touch “auto search” button. it will automatically search for channels. The search will automatically stop after channels are searched.
- **Favorite Channel:** Touch “Favorite Channel” icon on the screen, you can add your favorite FM channels for the convenient use in the next.
- **Record:** Touch on the left icon of below screen to record the current FM radio. Simultaneously touch the settings icon and you can set recording quality.

### [18] SIM toolkit

This function is supplied by the network suppliers. If the SIM card and network supplier does not support the service, this function will not be used. For more information please contact with network providers.

### [19] ATV

First time enters TV, may carry on the following operation:

- **Scan location:** select area to enter the television in much national area tabulation.
- **Scan channel:** After select location, and then scan available channels by touch menu button.

In watching TV mode, if you touch the screen, some menu icons are displayed in upper side ( Scan location, Scan area, Capture ) and bottom side ( available channels to be switched )

### [20] Ebook

In this application, you can read Electronic book in external memory card. And you can select some sub-menu ( share, move, copy, add folder, sort and others ) by touch menu key.

### [21] Movie

In this application, you can play videos stored on phone and memory card. it list by R

Recently played, All, Action & Adventure, Romance & Humor, TV-Series & Drama, Documentary and Others and so on.

## [22] Music

Audio player automatically scans the music in SD card:

- **Songs:** Music files in SD card, arranged by song name, click on song name to play.
- **Artists:** Music files in SD card, arranged by the performers, such as click "Eason" into songs this singer sang, click on the selected songs can be played.
- **Album:** Music files in SD card, arranged according to album, put the music files on the same album together, click on an album, you can list all the songs on the album, click on the selected songs can be played.
- **Play lists:** You can add a play list; add the specified music files to the new play list.

## [23] Opera Mini

This function is supplied by the network suppliers. If the SIM card and network supplier does not support the service, this function will not be used. For more information please contact with network providers.

# OVERVIEW OF MENU TREE

\* For detail about menu tree and usage, please contact your service provider

<b>1. Call log</b>	
	1. Call log
	2. Dialer
	3. Contacts
<b>2. Calendar</b>	
<b>3. Camera</b>	
<b>4. Setting</b>	
	1. Network connectivity
	2. Personalization
	1). Theme settings
	2). Sound settings
	3). Notification settings
	4). Security settings
	3. System
	1). Display settings
	2). Date & time settings
	3). Language & input
	4). Advanced settings
	4. Applications
	1). Call settings
	2). Contacts settings
	3). Messaging settings
<b>5. Clock</b>	
	1. Alarm

	2. World clock
	3. Stop watch
	4. Timer
<b>6. Browser</b>	
<b>7. Downloads</b>	
	1.Downloading
	2.Completed
<b>8. Gallery</b>	
<b>9. Launchers</b>	
	1.Launchers
	2. Locks
	3. Home FX
	4. VIP contacts
	5. Tap to add songs
	6. FM radio
	7. Calendar
<b>10. Dialer</b>	
	1. Dialer
	2. Call log
	3. Contacts
<b>11. Contacts</b>	
	1. Contacts
	2. Dialer
	3. Call log
<b>12. Messaging</b>	
<b>13. Locks</b>	
	1.Cosmos

	2. Pattern
<b>14. Switch FX</b>	
<b>15. Calculator</b>	
<b>16. File mgr.</b>	
	1. Phone
	2. Memory card
<b>17. Recorder</b>	
<b>18. Notes</b>	
<b>19. Tasks</b>	
<b>20. FM radio</b>	
<b>21. SIM toolkit</b>	
<b>22. ATV</b>	
<b>23. Ebook</b>	
<b>24. Movie</b>	
	1. Phone
	2. Memory card
<b>25. Music</b>	
	1. Songs
	2. Artists
	3. Albums
	4. Playlists
<b>26. Opera Mini</b>	

\*

Please check with your service provider for more detail before using this function

## SAFETY INFORMATION

Please read and follow these concise rules carefully to prevent danger or breaking laws.



### **Driving safety**

Do not use mobile phone when driving. Use the hands-free accessories if you have to use the phone. Put the mobile phone in the holder, instead of the passenger seat or any place that the phone will fall off.



### **Power off in aircraft**

The interference of mobile phone will affect the flight safety and it is illegal to use mobile phone in aircraft. Please switch off you mobile phone before boarding.



### **Power off in the operation area of explosion**

Please follow the regulations or rules and switch off your mobile phone in or near operation area of explosion.



### **Power off near dangerous articles**

Please turn off your mobile phone at gas station or places near fuels and chemicals.



### **In hospitals**

Please follow the regulations or rules of hospitals when you use mobile phone there. Switch the device off near medical equipment. Any wireless device, including mobile phone, will interfere with the medical devices which are not fully protected. Other electronic devices also may be affected. If you have any question, please consult your doctor or the manufacturer.



## **Interference**

Any mobile phone might be interfered with and its performance will be affected thereby.



## **Professional service**

Only qualified maintenance personnel can install or maintain this mobile phone. It may cause serious danger and also violates warranty clauses if you install or maintain the mobile phone by yourself.



## **Accessories and battery**

Use manufacturer approved accessories and batteries only.




## **Rational application**

Use the mobile phone in normal way. Do not put your mobile phone in the environment with too high temperature (higher than 60°C), for example, put it under the window which is irradiated by sunshine directly. Please use wet or antistatic cloth to clean your phone. Do not use the cloth with static to wipe the phone.



## Emergency call

Make sure that the mobile phone is switched on and in service area, enter the emergency number (e.g. 110) and press  Call key to call the number. Report your position and explain your condition briefly. Do not end the call without permission.

**Note:** Like other mobile phones, the characteristics of this phone may be not supported because of the network coverage or wireless signals transmission. Certain networks even don't support emergency call. Therefore, do not depend on mobile phone only for very important communication (e.g. medical emergency). Please consult your local network operator.



# GARANTÍA

Garantía Limitada para los Productos de Comunicación Personal, Accesorios y Software.

¿Qué cubre esta garantía? Conforme a las exclusiones contenidas a continuación, BRIGHTSTAR garantiza los productos de marca Motorola que BRIGHTSTAR fabrica ("Productos"), esta libre de defectos en materiales y de manipulación bajo uso normal del consumidor para el periodo(s) esbozado a continuación. Esta garantía limitada es el remedio exclusivo del consumidor, y aplica como sigue a nuevos productos, que son acompañados por esta garantía escrita:

## Productos cubiertos

1. Teléfono fijo inalámbrico.
2. Los accesorios incluidos con el teléfono fijo inalámbrico.

## Duración del cubrimiento

A. Un (1) año a partir de la fecha de compra por el consumidor/comprador original del producto

## Exclusiones

**Baterías.** Sólo baterías cuya capacidad cargada totalmente cae por debajo de 80% de su capacidad promedio, y baterías que su escape sea cubierto por esta garantía limitada.

**Abuso y mal uso.** Defectos o daños que resultan de: (a) funcionamiento impropio, almacenamiento, mal uso o abuso, accidente o descuido, como daño físico (grietas, arañazos, etc.) a la superficie del producto que son el resultado del mal uso; (b) contacto con líquido, agua, lluvia, humedad extrema o transpiración pesada, corrosión, suciedad o similar, calor extremo, o comida; (c) uso del Producto para propósitos comerciales o someter el Producto a uso o condiciones anormales; o (d) otros actos que no son culpa de BRIGHTSTAR, se excluyen del cubrimiento.

**Uso de productos y accesorios no marcados como Motorola:** Defectos o daño que son el resultado del uso de productos, accesorios, software u otros equipos periféricos no marcados o certificados como Motorola, se excluyen del cubrimiento.

**Servicio o modificación no autorizados.** Defectos o daño que son el resultado del servicio, prueba, ajuste, instalación, mantenimiento, alteración, o modificación de forma alguna por alguien que no es de BRIGHTSTAR o sus centros de servicio autorizados se excluyen del cubrimiento.

**Productos alterados.** Productos o accesorios con (a) números de serie o etiquetas de fecha que se han removido, alterado o borrado; (b) Sellos que muestren evidencia de manipulación; (c) números de serie que no concuerdan; o (d) carcasas o piezas no compatibles o de marca diferente a Motorola, se excluyen del cubrimiento.

**Servicios de comunicación.** Defectos, daños, o falla de productos, debido a cualquier servicio de comunicación o señal a la que usted se haya suscrito o utilizado con los productos se excluyen de la cobertura.

**¿Quiénes están cubiertos?** Esta garantía sólo se extiende al primer consumidor/comprador, y no es transferible.

**¿Qué hará BRIGHTSTAR?** BRIGHTSTAR, a su voluntad, sin cargo para usted, reparará, reemplazará o reintegrará el precio de la compra de cualquier producto que no resulte conforme a esta garantía. Nosotros podemos usar funcionalmente productos, accesorios o partes equivalentes reacondicionadas, restauradas, de segunda mano o nuevas. Ningún dato, software o aplicaciones que se hayan agregado a su producto, accesorio o software, incluidos pero no limitados a los contactos personales, juegos y tonos de timbre, se reinstalará. Evitar por favor perder tales datos, software y aplicaciones; cree un respaldo de esos datos antes de pedir el servicio.

### **Cómo obtener servicio de garantía u otra Información**

Para información en cómo obtener servicio, contacte el lugar donde el producto fue

comprado o un centro de servicio BRIGHTSTAR en su país.

Para que esta garantía tenga efecto, lleve su unidad, junto con esta póliza, al lugar de compra o a un centro de servicio autorizado BRIGHTSTAR.

Usted recibirá instrucciones de como enviar los productos, a expensas suyas, a un centro de reparación autorizado de BRIGHTSTAR. Para obtener servicio, usted debe incluir: (a) una copia de su recibo, factura de venta u otra prueba comparable de compra, (b) una descripción escrita del problema; (c) el nombre de su proveedor de servicio, si aplica; (d) el nombre y locación del establecimiento de la instalación (si aplica) y, mas importante; (e) su dirección y número de teléfono.

**¿Qué Otras Limitaciones Existen?** CUALQUIER GARANTÍA IMPLÍCITA INCLUYE SIN LIMITACIÓN LAS GARANTÍAS IMPLÍCITAS DE COMERCIABILIDAD Y APTITUD PARA UN PROPÓSITO PARTICULAR, SE LIMITARÁ A LA DURACIÓN DE ESTA GARANTÍA LIMITADA, POR OTRA PARTE LA REPARACIÓN, REEMPLAZO, O REEMBOLSO PROVEIDA BAJO ESTA GARANTÍA LIMITADA ES EL REMEDIO EXCLUSIVO DEL CONSUMIDOR, Y SE PROPORCIONA EN LUGAR DE TODAS LAS OTRAS GARANTÍAS, EXPRESAMENTE O IMPLICITAMENTE. EN NINGÚN EVENTO MOTOROLA O BRIGHTSTAR SERÁ RESPONSABLE, YA SEA EN AMBITOS CONTRACTUAL O CIVIL (INCLUSO NEGLIGENCIA) POR DAÑO Y PERJUICIOS POR MAS DEL PRECIO DE COMPRA DEL PRODUCTO, O POR CUALQUIER DAÑO INDIRECTO, INCIDENTAL, ESPECIAL DE CUALQUIER TIPO. O PERDIDA DE GANANCIAS O LUCRO CESANTE, PERDIDA DE NEGOCIOS, PERDIDA DE INFORMACION O DATOS U OTRA PERDIDA FINANCIERA QUE SURJAN DE LA CAPACIDAD O INCAPACIDAD DE USAR LOS PRODUCTOS, LA MAGNITUD DE ESTOS DAÑOS PODRAN SER NEGADOS POR LA LEY

**Algunos estados y jurisdicciones no permiten la limitación o la exclusión de daños incidentales o consiguientes, o limitación en la duración de una**

**garantía implícita, así que las limitaciones anteriores o exclusiones puedan no aplicarse a usted. Esta garantía le da derechos legales específicos, y usted también puede tener otros derechos que varían de estado a estado o de una jurisdicción a otra.**

## **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.

## **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 compliant 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: WVBA938W.

For this device, the highest reported SAR value for usage against the head is 0.52 W/kg, for usage near the body is 0.63 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.

## REGULATORY



Brightstar Corp. hereby declares this unit to be in compliance with the relevant Provisions of the Low Voltage Directive 73/23/EEC and the EMC Directive 89 / 336 / EEC.

Brightstar Corp. hereby declares this unit to be in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EEC.

The FCC certification is applicable only for Avvio 938S/MEU TN101/Avvio 938W.

**User Manual of Avvio 938S/MEU TN101/Avvio 938W version 1.0 [ENG] 02/13 /2014**

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