



F48

User Manual



ASPERA



## **User Manual**

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# 1 Aspera F48 handset layout



## **2 General Information**

### **2.1 Profile**

Please read this user guide carefully for advice on keeping your phone in the best condition. Aspera Mobile may change this phone without prior written notice and reserves the final right to interpret the performance of this mobile phone. Due to different software and network operators, the display on your phone may be different, refer to your phone for details.

### **2.2 Safety Information**

If your phone has lost or been stolen, notify your network service provider and the SIM card will be disabled (network support is required). This can avoid economic loss caused by unauthorised use.

### **2.3 Safety warning and Attentions**

#### **Safety warning**

#### **-Road safety comes first**

Do not use a mobile phone while driving.

In some countries, dialing or receiving calls while driving is illegal! Please check with your local authorities regarding using a mobile phone while driving.



### **-Switch off in aircraft**

Wireless devices can cause interference in aircraft. Please make sure to only use your phone when switched to Airplane mode when in an aircraft.

### **-Switch off before entering risk areas**

Strictly observe the relevant laws, codes, and regulations on the use of mobile phones in risk areas. Turn off your mobile phone before entering a place susceptible to explosion, such as an oil station, oil tank, chemical plant or a place where a blasting process is under way.

### **-Observe all special regulations**

Follow any special regulations in force in any area such as hospitals and always switch off your phone whenever it is forbidden to use it or, when it may cause interference or danger. Carefully use your mobile phone near medical apparatuses, such as pacemakers and some other electronic medical devices, as it may cause interference to such apparatuses.

### **-Interference**

The conversation quality of any mobile phone may be affected by radio interference. An antenna is built inside the mobile phone and located near the microphone. Do not touch the antenna area during a conversation, this will cause conversation quality to deteriorate.

### **-Qualified service**

Only qualified Aspera personnel or approved agent may install or repair phone equipment. Installing or repairing the Aspera phone yourself or by unauthorised technician may void the warranty.

### **-Accessories and batteries**

Use only Aspera approved accessories and batteries.

### **-Emergency calls**

Ensure the phone is switched on and in service, enter the emergency number, e.g. 000, then press the Dial key. Give your location and state your situation briefly. Do not end the call until told to do so. The emergency number can be dialed with or without a sim card installed.

## **Precautions**

This mobile phone has an intricate design. Please exercise special care when using it. The following suggestions will help your mobile phone survive the warranty period and extend its service life:

- Keep the mobile phone and all its fittings beyond young children's reach.
- Keep the mobile phone dry. Keep away from rain, moisture, liquid or other substances that may corrode electronic circuits.
- Do not use or store the mobile phone in dusty places, lest the active parts of the mobile phone be damaged.
- Do not store the mobile phone in a high-temperature place. High temperature may shorten the life of electronic circuits and damage the battery and some plastic parts.
- Do not store the mobile phone in extremely cold places. This will cause moisture to be `formed inside the mobile phone and may damage electronic circuits when the mobile phone is moved to a constant temperature place.

-Do not throw, knock or shock the mobile phone, as that may cause damage to the internal circuits and high-precision components of the mobile phone.

### **3 Getting started**

#### **3.1 Installing SIM Cards and the Battery**

A SIM card carries useful information, including your mobile phone number, PIN (Personal Identification Number), PIN2, PUK (PIN Unlocking Key), PUK2 (PIN2 Unlocking Key), IMSI (International Mobile Subscriber Identity), network information, contacts data, and short messages data.

*Note: After powering off your mobile phone, wait for a few seconds before removing or inserting a SIM card.*

*Exercise caution when operating a SIM card, as friction or bending will damage the SIM card.*

*Properly keep the mobile phone and its fittings such as the SIM cards beyond children's reach.*

## Installation

- Hold the red hang up button for a few seconds to power off the mobile phone.
- Lift the back cover from the bottom left corner and remove it.

### Opening the back cover of the phone:

- 1) Hold the phone in your left hand with your fingers touching the back of the phone.
- 2) Using your right finger nail or any small blunt object, and place it in the small indentation at the bottom left hand side of the rear cover.
- 3) Push towards your right and leverage off the cover.



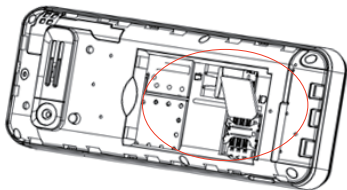
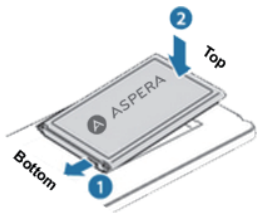
Lift from indent at back left corner

Installing battery and sim:

4) Pull the battery up from the top left and then lift the battery away.

5) Insert sim into the SIM slot, do this by sliding the sim to the left under the silver bar with the angled corner first.

6) With the metallic contacts of the battery facing the metallic contacts in the battery slot, press the battery down until it locks into place. You can then re-install the back cover.



### **-Using code**

The mobile phone and the SIM cards support passwords, to prevent the phone and the SIM cards from unauthorized usage. When you are prompted to input any of the codes mentioned below, just input the correct code and then press the ok key. If you input a wrong code, press the Right soft key to clear it and then input the correct code.

### **-Phone lock code**

The phone lock code may be set to prevent your mobile phone from being misused. In general, this code is provided along with the mobile phone by the manufacturer. The initial phone lock code is set to 0000 by the manufacturer. If the phone lock code is set, you need to input the phone lock code when powering on the mobile phone.

### **-PIN**

The PIN (Personal identification number, 4 digits) code prevents your SIM card from being used by unauthorized people. In general, the PIN is supplied with SIM card by the network operator. If PIN check is enabled, you need to input the PIN each time when you power on your mobile phone. The SIM card will be locked if you input the wrong PIN code three times.

Unlocking methods as follows:

- Input the correct PUK per the screen tips to unlock the SIM card.
- Then input the new PIN and press the ok key.
- Input the new PIN again and then press the ok key.
- If the input PUK is correct, the SIM card will be unlocked and the PIN will be reset.

*Note: The SIM card will be locked if you input the wrong PIN code three times. To unlock the SIM card, you need to input the PUK. In general, the PUK can be obtained from the network operator.*

#### **-PUK**

The PUK code (Personal Unlocking Key) is required to change a blocked PIN. It is supplied with the SIM card. If not, contact your network operator. If you input the wrong PUK code 10 times, the SIM card will be invalid. Please contact the network operator to replace the SIM card.

### **3.2 Installing SD Card**

An SD card is a pluggable mobile storage card inside the mobile phone.

To install an SD card, remove the battery as with inserting a SIM card, and insert the SD card into the card slot.



Note:

- 1. The mobile phone cannot automatically identify the SD card being inserted when the mobile phone is powered on. You must power off the mobile phone and then power it on, so that the phone can identify the SD card.*
- 2. The SD card is a miniature object. Keep it out of the reach of small children for fear that they may swallow it.*

### **3.3Charging the Battery**

The lithium-ion battery delivered with the mobile phone can be put into use immediately after being unpacked.

Battery level indication:

- Your mobile phone can monitor and display the battery state.
- Normally the remaining energy of the battery is indicated by the battery level icon at the upper right corner of the display screen.
- When the battery energy is insufficient, the mobile phone prompts "Battery low". If you have set an alert tone, an alert tone will be given off when the battery level is too low.

-A charging animation appears when the battery is being charged. The battery light will also appear on the front screen and will turn off when fully charged. When the charging is complete, the animation on the main display disappears.

-Using the approved adapter:

-Install the battery into the mobile phone before charging the battery.

-Connect the cable of the approved charger with the charging port on the top of the mobile phone. Ensure that the adapter is fully inserted.

-Insert the plug of the approved charger to an appropriate power outlet.

-During the charging, the battery level grids in the battery icon will show until the battery is fully charged.

-The battery icon will no longer show when the charging process is complete. Charge time is approximately 3 hours.

Note:

*Ensure that the plug of the charger, and the plug of the USB cable are inserted in the right direction. Inserting them in the wrong direction may cause charging failure or other problems.*

*Before charging, ensure that the standard voltage and frequency of the local mains supply match the rated voltage and power of the travel charger.*

## Using the Battery

The performance of a battery is subject to multiple factors: radio network configuration, signal strength, ambient temperature, chosen functions or settings, phone fittings, and the voice, data or other application mode you choose to use.

To guarantee the optimal performance of your battery, please stick to the following rules:

- Use only the battery provided by Aspera. Otherwise, damage or even injuries could be caused during charging. You may also void the warranty.
- Power off the mobile phone before removing the battery.
- The charging process lasts a longer time for a new battery or a battery not in use for long. If the battery voltage is too low to enable the mobile phone to be powered on, charge the battery for a longer time. In this case, the battery icon does not flicker until a long time after the battery enters the charge status.
- While charging, ensure the battery is placed in a normal room temperature environment.
- Immediately stop using the charging process if the battery produces an odor, overheats, cracks, distorts or has other damage, or if the electrolyte leaks.

-The battery drains out with usage. A longer charging time is required as the battery is put into use for a long time. If the total conversation duration decreases but the charging time increases even though the battery is properly charged, purchase a standard Aspera battery. Using any poor-quality fittings will cause harm to your mobile phone and may be dangerous.

*Note: To guarantee your personal safety and protect the environment, be careful if disposing of the battery. Return the old battery to Aspera or place it in specified battery reclamation areas. Do not dispose of the battery with normal household waste.*

*Warning: Short-circuits of the battery may cause explosion, fire, personal injury or other severe consequences.*

### **3.4 Powering On/Off the Mobile Phone**

Hold the red End call key for a few seconds to power on the mobile phone. The end-call key has a power symbol on it. A power-on animation appears on the display screen.

Input the phone lock code and press the ok key if the mobile phone prompts you to input the phone lock code. The original code is 0000.

Input the PIN and press the ok key if the mobile phone prompts you to input the PIN. The PIN is provided by the network operator for new opening SIM card.

Enter the standby interface.

To power off the mobile phone, hold the End call key for a few seconds.

### **3.5 Linking to the Network**

After the SIM card and the mobile phone are successfully unlocked, the mobile phone automatically searches for an available network. After finding a network, the mobile phone enters the standby state. When the mobile phone is registered on the network, the name of the network operator is displayed on the screen. Then you can dial or receive a call.

### **3.6 Dialing Calls**

In the standby interface, press number keys to input the area code and the telephone number, and then press the green Dial key to dial a call. To end the call, press the red End key.

#### **-Dialing an international call**

Hold the “0” key to input "+". Then input the country code, the area code and the telephone number. Finally, press the green Dial key.

#### **-Dialing to a number in the phonebook**

Enter Contacts and use the up or down direction keys to find the telephone number you want to call.

Press the green Dial key. The mobile phone automatically dials the chosen telephone number.

You can access the phone book directly by pressing the top right key on the keypad. You can enter the first letter of the Contact in the search box to quickly find the Contact.

### **-Redialing the last number**

In the standby interface, press the dial key to show the dialed calls.

Press the up or down direction keys to select a number you want to dial and then press the Dial key.

### **-Answering incoming calls**

Press the red End key to end the current conversation.

If you wish to increase or decrease volume during a call, simply click the up arrow or down arrow at top and bottom of the menu key.

### **-Using options during a conversation**

When a call is answered you are presented with 6 options. You can scroll to select Hands Free, Mute, Hold, Keypad etc. For more options select the Menu key at bottom left.

### **3.7 Using the Headset**

The phone will enter headset mode automatically when you insert headset to the port. A headset icon will appear at the top left of the display. Make sure you insert the headset tip to the bottom of the headphone jack so you can listen to audio files clearly.

### **3.8 Turning phone on silent**

To turn the phone on silent, go to menu->settings->sound profile -> silent. Alternatively, long press the # key and you will see a small music note icon with a x, which means the phone will not ring when an incoming call is received. Long press # again to re-activate the ring tone. The phone will vibrate, and the icon will disappear.

### **3.9 Adjusting volume during a call**

If you are having trouble hearing during a call, simply press the up volume key above OK key to turn the volume up of the speaker. Similarly press the down volume key to turn the volume down during a call.

*Note: These options can only be carried out during a call.*



### **Turning on loudspeaker during a call**

To turn on the loudspeaker during a call, press the key directly under Hands Free which displays on the screen at bottom right. Similarly, to turn off loudspeaker press the same key again.

## **4 Input method**

This mobile phone provides multiple input methods and languages, including English, French and Spanish input and numeric input. You can use these input methods when editing the phonebook, short messages, files and so on.

### **4.1 Selecting Input Methods**

To select the language or input method press the # key after going to Messages-Write message – SMS.

Options include:

Numeric input: “123”

English input in upper case: “ABC”

English input in lower case: “abc”

## **4.2 To Change Entry Methods**

Press the # key to switch between input methods and scroll to select the option you desire.

## **4.3 Numeric Input**

You can input numbers with the numeric input method. Press a number key to input the corresponding number.

#### 4.4 English input and numeric input:

The keyboards for English input and numeric input are defined in the following table:

Key	Character or Function	Remarks
Number key 1	. , - ? ! ' @ : # \$ / _ 1 (press 1 repeatedly to select the option)	
Number key 2	ABCabc2	
Number key 3	DEFdef3	
Number key 4	GHIghi4	
Number key 5	JKLjkl5	
Number key 6	MNOmno6	
Number key 7	PQRSpqrs7	
Number key 8	TUVtuv8	
Number key 9	WXYZwxyz9	
Number key 0	0, space	
* key	Press it to input a symbol or punctuation	
# key	Press it to switch between input methods	
Left soft key	Equivalent to OK or Options	
Right soft key	Equivalent to Back or Clear	
End key	Press it to return to the standby interface	

English input:

-Each key is used to represent multiple characters. Quickly and continuously press a key until the character you want appears. Input the next character after the cursor moves.

-Press the # key to switch between input methods.

-To clear wrong inputs, press the **Right soft** key, top right of Keypad.

#### **4.5 Inserting a Symbol**

Press the \* key to enter the **Select symbol** interface, use direction keys to select a symbol you want.

## **5 Using the Menus**

### **5.1 Messages**

The phone supports Short Messaging Service (SMS) and Multimedia Message Service (MMS). You can send text messages and manage the messages that you send and receive.

In the message, select the option to see options for that message. Messages can only be viewed and created when the sim card is inserted.

### **Write message**

**-New SMS:** In this menu, you can edit and send new messages. The characters for every message can be up to 160.

**-New MMS:** select to create a new message, set the telephone number of the recipients or select the Contact, and then edit or write the content of the message. Select Options to select Add, then add a picture, add sound, or add video. You can then send the message as an MMS, by pressing Options – Send.

### **Conversations**

In the inbox, you can store all the received text messages, and it will display the names of the senders. In the case that the sender is not included in the phonebook, it will display the telephone number of the sender.

The options for a single message include: **reply, delete, Call, etc.**

**-Reply:** Reply to the short message or MMS

**-Delete:** Delete the short message.

**-Call sender:** Call the number in the short message.

**-Mark:** Mark the current message or mark all.

You cannot receive new messages if the memory for messages is full. Delete unnecessary messages.

### **Drafts**

Choose the Draft Messages, press the up key and the down key to select and press the left soft key to enter the Options.

**-Edit:** edit the current selected message.

**-Delete:** delete this message

**-Mark:** mark the current message or mark all.

### **Sent messages**

Set to save short messages to the SIM card or to the phone, by selecting Messages-Options- Settings.

Select to save and send in sending messages and the sent messages will be saved in the Outbox.

This is to preserve once the message has been sent.

### **Delete messages**

Delete the short message.

### **Broadcast messages**

Broadcast messages are messages that your network operator broadcasts to all users within an area, such as a hazard event or transportation conditions.

**-Read messages:** Scroll to read broadcast messages.

*-Note: All Multimedia messages are stored in the memory of the mobile phone instead of SIM card, delete them from time to time to free up storage space.*

## Message settings

### -Text message settings

**Memory status:** Display SIM card status.

**Message validity period:** Show the validity of messages saved.

**Preferred storage:** Set to save short messages to the SIM card or to the phone.

Please refer to Inbox for other operations.

**Save sent message:** After sending messages, ask to store.

## 5.2 Phonebook

The mobile phone can store up to 500 telephone numbers. The number of telephone numbers that a SIM card can store depends on the storage capacity of the SIM card. The telephone numbers stored in the mobile phone and in the SIM cards form a phonebook.



**Adding a contact:** Go to Contacts, click New, then select Phone or Sim to store the contact. Click on the option. You can choose whether to save the contact to phone or to sim. Once selected add in the correct name and number of your contact.

**Moving contact(s) from sim to phone and vice versa:** Select the preferred contact. Press the left soft key to bring up Options. Select “Copy-> Copy the contact” and choose whether to save the contact to phone or sim.

After selecting a telephone number in the phonebook, select **Options** to perform the following operations:

**-Edit:** Edit the selected number and name.

**-Delete:** Delete the telephone number from the phonebook.

**-Copy:** Duplicate the telephone number from the mobile phone to the SIM card or from the SIM card to the mobile phone.

**-Send V card:** Select and send contacts information to other recipients via text message, multimedia message or Bluetooth.

### **5.3 Setting up Speed dial**

Speed dial allows you to call a regular contact with the push of just one button for 3 seconds. Select menu

- 1.Go to Contacts
- 2.Select Options
- 3.Scroll to “Others”
- 4.Select Speed dial.
- 5.Scroll down to the key number you wish to allocate and click on it. Input number or press top left key for Contacts.
- 6.Search for the person’s name and select “OK” then press OK again to confirm.
- 7.Speed dial is now saved and it can be tested by pressing and holding down the numbered key down for 3 seconds.

## 5.4 Call Logs

Go to menu – scroll to the phone icon “Call logs” click on it.

### Missed Calls

You can view a list of the latest missed calls.

*Note: When the mobile phone indicates that some calls are missed, you can scroll to a missed call and then press the Dial key to **dial** the number that originated that call.*

### Dialed Calls

You can view the latest **dialed calls**. Choose dialed calls and then select a dialed call to delete, save, dial, or edit (or send a short message to it).

### Received Calls

You can view the latest received calls. Choose **received calls** and then select a received call, then Options to delete, save, dial, or edit (or send a short message to it).

### Delete call logs

You can delete all call records. Choose **Delete all**.

### Call timers

Choose **call timers** to view the last call time, the total time of all dialed calls and the total time of all received calls, and/or to reset all the time.

## **5.5 Multimedia**

### **Camera**

The phone comes with a camera, which supports the photography functions. Point the phone to align the camera to the picture and then press OK key to capture photos. Pictures will be saved in the file system of the phone or the memory card.

### **Gallery**

You can view the pictures or images through this function. You will find Photos in the Multimedia section of the menu. Select Image – Photos.

### **Video camera**

This function enables you to record video using the camera interface. This can be selected in the Multimedia settings, or when the camera is open, select Options – Video mode. View videos by clicking Video.

### **Audio player**

Use this function to play audio files. By pressing the direction key you can control the playing process of audio player: Volume up (up key), Volume down (down key), switch to last song/next song (press left or right arrow keys). In the audio player interface, you can also press \* or # key to tune volume.

## **Video**

Use this function to play video files. By pressing the direction key you can control the playing process of video player: play/pause (OK key), fast forward (press and hold right direction key) and rewind (press and hold left direction key). In the video player interface, you can press (UP) or (Down) key to tune volume. You will find Video player in the Multimedia section of the menu.

## **Sound recorder**

The phone supports WAV, MP3 and AMR file formats.

After accessing the sound recorder, you can press left soft key to perform the following operations:

- Recording start: select this function to record a new file. Or simply press OK key.
- Record file list: recorded files are listed in this menu.
- Storage: Through this function, you can set storage position and format for record files.

## **5.6 Settings**

### **Audio profiles**

The mobile phone provides multiple Audio Profiles, so that you can customize some settings to adapt to specific events and environments.

Customize the Sound profiles per your preference (in the phone settings) and then activate the Audio profiles. The user profiles fall into five scenarios: General, Silent, Meeting, Outdoor and My style.

When you insert an earpiece to the mobile phone, the mobile phone automatically enters the Headset mode.

### **Changing the ringtone**

To change the ringtone, go to Settings->Sound profile and click on the highlighted profile, the default is Normal. Press the left soft key to bring up the Options. Click Settings to customize. You can now change the alert type, ring type and the actual ring tone. When done click OK again and save to make the changes permanent.

### **Turning the phone to silent**

Go to menu ->settings ->user profiles ->silent.

## Call settings

### -Call settings

**Hide ID:** You can choose to send or hide your own number when making a call. Select Hide ID then click Hide ID or Display ID then click OK to save the change.

**Call waiting:** After you choose Activate, the mobile phone will contact the network. A moment later, the network will make a response and send a message to acknowledge your operation. If the call waiting function is activated, the network will alert you and the mobile phone screen will display the incoming call number if others are calling you while you are already in a conversation.

**Call divert:** this network function enables you to forward incoming calls to another number you have previously specified.

**Call barring:** The call barring function enables you to bar calls as needed. When setting this function, you need to use a network barring code, which can be obtained from the network operator. If the code is wrong, an error message will be prompted on the screen. After selecting a call barring option, continue to select Activate or Deactivate. The mobile phone will prompt you to input the call barring code and then contact the network. A moment later, the network will make a response and send the operation results to the mobile phone.

## **-Advanced settings**

**Blacklist:** Blacklist is used to block certain numbers from calling your phone. Note: blacklisted numbers will still be able to message you. To add a person onto your blacklist. Go to phonebook and select a contact. Press the left soft key to bring up options. Select “Add to black list.”

**Others - Auto redial:** Set it to **On** or **Off** to enable or disable auto redial. If you set **Auto redial** to **On**, the mobile phone will automatically re-dial the number a moment later if the called party does not reply. The number of auto redial times can be set to a maximum of 10. In the auto re-dial period, you cannot dial other numbers. To end the auto-re-dial process, press the **End** key.

*Note: This function requires support from the network operator to which the SIM card is registered.*



## **Phone Settings – go to Settings – Phone settings**

**-Time and date:** set the date format, and the time format.

*Note: If you remove the battery from the mobile phone or if the battery energy was exhausted a long time ago, you may need to reset the date and time when re-inserting the battery or powering on the mobile phone after recharging.*

**-Auto power on/off:** Set the time when the mobile phone will be automatically powered on or off.

**-Language:** Select the display language for the mobile phone.

**-Shortcuts:** in this setting you can change the shortcut functions for the 4 arrows surrounding the OK key.

**-Restore factory settings:** Use this function to restore factory settings. The preset password is **0000**.

Go to **Phone settings->restore factory settings**. Restoring factory settings sets the phone to its original status out of the box, this means you will lose data stored on the phone.

## Security Settings

This function provides you with related settings about security of your phone. Such as setting a PIN code.

### -Phone security

**Phone lock:** To activate Phone lock, you need to input the correct PIN code, **the default code is 0000**. If you set Phone lock to On, you need to input the PIN code each time you power on the mobile phone.

**Change Phone password:** Here you can change PIN code of the phone.

**Change PIN2:** To change PIN2 code of PIN code.

**-Sim lock:** your sim card may come with a PIN code. Please remember to record this PIN code. This code can also be changed using the Modify PIN function.

### Display settings:

-Users can access this item to set wallpaper, brightness, and how long the screen or the keypad remains lit.

## Connections

**-Network data settings:** You can select the desired network account, roaming service and other options. VoLTE relates to voice calls transmitted over the 4G network.

### 5.7 My files and Micro SD card

The phone provides a certain space for users to manage files and support the Memory card. The capacity of the Micro SD card is selected by the user and can be up to 32GB. You can use **My files** to conveniently manage the files on the phone and the Memory card.

**-Open:** Choose My files to enter the root directory of the memory. The root directory will list the default folders, new folders and user files. When the mobile phone is powered on for the first time or when you have not changed the directory, the root directory contains the default folders only.

**-Options:** You can use this function to create a new folder, or to delete a folder.

## **5.8 Tools**

### **-Calendar**

Once you enter this menu, there is a monthly-view calendar for you to keep track of important appointments, etc. Days with events entered will be marked.

### **-Calculator**

The calculator can add, subtract, multiply and divide. To use the calculator, go to Menu > Organizer > Calculator

### **-Bluetooth**

Turn Bluetooth on and off, a symbol will appear at top of the display when turned on. You can select to make your device visible. Your device name is Aspera F48. You can select to store received Bluetooth files on the phone or on your Micro SD card. Turn Bluetooth off when not in use as it does impact battery life.

### **-Alarm**

You can activate one, or multiple alarms. For each alarm clock, ringing time can be set. After setting an alarm the phone will need to be turned on to trigger the alarm. If the phone is switched off the alarm will not activate.

**-Torchlight**

Simply switch on and off by clicking the OK button.

**-World clock**

Shows world time and time zones. You can scroll through different cities and time zones and select the one relevant to your location.



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