

Operating instructions and method of use for MTX7 / GF-07.

Always charge battery before use by inserting sim card and connecting micro USB lead between MTX7 micro USB port and USB phone charger (not included). Red LED light inside device flashes slowly when charging and distinguish when fully charged. Sim card must be inserted to charge battery. Red light stays on constant when sim card is not compatible/faulty or no GSM signal is available.

1. Preparation: Remove lid and insert SIM card and MicroSD memory card if sound recorder is required. Please note credit is not required on SIM card to use listening device. Credit is required to use sound activated callback, sound recorder or tracker/locator features.
2. When sim card is inserted this switches device on, red light illuminates before turning off & 5-30 seconds device enters standby state.
3. The LED light illuminates once when turned on & again when connected to network. LED flashes quickly when battery is low.
4. Binding master number: If you want device to recognise only your own phone number you need to bind number. As default you can call from any number. Set bind number and only calls from that number will be answered. To bind number, SIM card will need credit. Using your mobile phone text **000** to set and bind number, the device reply with message; **The set; Binding + master number**.
5. Sound recordings: To use sound recorder Sim card will need credit. To start sound recording using mobile phone text **555** to device, device reply with message; **[Snd; recording started]**. To stop recording send text **444**, device reply: **Reset; all tasks have been cancelled**
6. The voice control callback: Needs credit on SIM card. Using mobile phone text **666** to device, the device reply; **[DT; has been successfully set sound monitor, alarm telephone callback]**. When sound above 40db is heard, device calls binded number.
7. GPRS location query: Needs credit on SIM. Using mobile phone text **777** to device, device reply with geographical location and Google maps link, location map will be shown after the mobile phone opens the link and text address for more accurate location.
8. Audio monitor: No credit is required on sim card. Direct call SIM card number, after 1 ring device auto answers to hear sound.
9. The location path query: It is possible to use device on internet but we don't recommend this feature. Send text message **102** to device. Device reply with native mobile account, password and enter details on website - gpsui.net
10. Delete the content of the memory card: Send text message **445**, device reply: **[] TF, clean up the success**.
11. Check state of device: Text **888** to device. Device reply: showing features on or off, battery capacity, binding number, signal strength, frequency startup, GPRS, memory card capacity.
12. Resetting device: Using mobile phone text **999** to device, wait 1 minute before restarting device by sliding sim card out and in again.
13. Stop function: Text **444** to device to stop any feature and return to standby mode. Device reply: **"Reset; all tasks have been cancelled"**
14. Battery query: Text **888** to device, device reply with all information of state of device.

Enhanced microphone AGC (automatic gain control) adjusts microphone to different level of sounds. During call it sets level, by whispering nearby device turns up microphone sensitivity. By shouting nearby will turn down level, it also filters sound from tv and radio. DO NOT use tv or radio as a sound reference when testing microphone, always use a real human voice to test microphone quality and sensitivity. To improve quality use good quality headphones instead of phone speaker.

Sound recorder: requires a microSD memory card and not included with device, supports 1GB to 32GB. Install memory card sliding faced down over top of sim card into metal holder as shown in picture below. The recorder is operated by sending SMS text message to start and stop recording. The recorder is not sound activated record and recordings are transferred by physical removal of memory card. Take note you must unscrew socket to remove memory card. Record format is .amr and compatible on windows media player and MacBook using VLC player. Files are saved in 10 minute lengths using 1MB per 10mins, 1GB = 10,000mins = 166hrs = 7 days of recording. A 32GB memory card will record 222 days of audio. To start voice recorder send text message **555**, a reply text **Snd: recording started** is received. To stop voice recorder send text message command **444**, a reply text - **All tasks has cancelled** is received. To delete memory card send text command **445**, reply text **TF, clean up success**. Take note this will not work unless credit is available on SIM card.

Troubleshoot

1. The host can't get through.

Answer: Use valid working SIM to enable mobile phone signal. Check nano sim adapter to make sure it has not popped out of holder. Check battery is charged. Position near window or take device outdoors to establish strong signal.

2. TF memory card cannot be stored?

Answer: check whether the memory card is 1GB-32GB and correct type for audio recording. Format memory card by sending text 445.

3. Can't charge?

Answer: Battery charges only when Sim card is inserted. Check charger and lead is working properly.

Special warning: When battery power is below 5% please charge as soon as possible. If battery is left in dead flat state this effects it performance. The battery must be charged at all times even when left in storage, if left discharged over 3 months this will cause permanent damage to battery. Do not leave battery dead flat for 3 months or longer as it may never recharge again. If it does charge it will never be as good as it was when new and will need replacing. Always keep Lithium batteries charged by at least 60% to keep them healthy and fully working with a good shelf life.

Text codes -

- 000** - Binding number
- 444** - Reset all tasks
- 445** - Delete/format memory card
- 555** - Sound recorder
- 666** - Sound activated Call back
- 777** - Locator path query
- 888** - State of device / check battery
- 999** - Factory reset
- *#*#*#** - Factory restore

