MANTA

Children's smartwatch with GPS
MANTA JUNIOR JOY SWK03

USER MANUAL

⚠ SAFETY ISSUES

The manufacturer is not responsible for any damage/injury caused by improper use of the device. Please read this manual carefully before use and keep it in a safe place.

The device can't be submerged in water.
It is forbidden to throw the device into fire. The battery may explode, threatening life and limb.
To avoid the risk of electric shock or fire, do not keep the device in places with high humidity or high temperature.
This device may affect the operation of medical devices in its environment. Be careful when using it near electronic medical devices such as: pacemakers, hearing aids, and more.
Do not expose the device to mechanical and prolonged exposure to heat or sunlight.
Further use of the device in the event of its damage or failure is not allowed. In the case of the above, please contact the service.
Attempts to repair the device yourself will void the warranty and may lead to its permanent damage.
Only use a soft cloth dampened with water to clean the device. Do not use any aggressive cleaning agents or other cleaning substances.

Depending on the product batch, software version, the functions described in this manual (e.g. GPS tracking) may differ from those in the device.

SIM CARD REQUIREMENTS

STANDARD	MICRO	NANO

For the device to work properly, the installed SIM card **must meet the following requirements:**

Need install a card in the **nanoSIM** standard in the device.
The card must be registered in accordance with the instructions of the mobile network operator.
The card must be active. To ensure that the card is active, insert it into your mobile phone and make an outgoing test call.
In the case of top-up cards (prepaid cards), **there must be funds on the card account.**
The card cannot be blocked with the PIN code (to check whether the card has the PIN code activated, you need to put it in the mobile phone and check whether the PIN code is needed when turning on the phone. The PIN code blockade can be turned off in the phone settings or by contacting the operator.)
The card cannot have parental locks blocking the connection to the Internet.
The card must support 2G/3G/4G LTE operating modes, must have **active Internet services** and **the function of identifying numbers.**

Due to the fact that the device uses an Internet connection, in order not to generate additional costs, we recommend purchasing an Internet package from the operator. With the package, the device will have Internet connection, voice calls and SMS messages are regulated by the price list of the mobile network operator.

NANOSIM CARD INSTALLATION

1. Make sure the smartwatch is turned off before inserting the nanoSIM card.
2. Remove the plastic cover of the nanoSIM port by gently levering it in the place of a specially profiled cut located at the bottom of the hole for the nanoSIM slot. For this purpose, you can use a plastic shovel attached to the device.
3. Place the nanoSIM card on the tray as shown in the graphic above.
With the facing side up.
4. After inserting the nanoSIM card, put the tray back into the watch, paying attention to its correct orientation.

ℹ We recommend installing a SIM card when the smartwatch is turned off. After installing the SIM card on the switched on device, it must be restarted. Otherwise, the SIM card will not be detected.

CHARGING THE DEVICE

1. The smartwatch is charged using the magnetic cable included in the kit.
2. Place the magnetic end of the charging cable so that it is attracted to the charging port by the magnets installed in the housing of the device.
3. Then connect the other end of the cable to a USB port on your computer or USB power adapter.

If the connection is correct, you will see a charging animation on the watch screen.
If you don't see the animation, check if your watch is properly connected. **If the battery is completely empty, it may take a few minutes for the animation to show up.**

ℹ Before using the device for the first time, it is recommended to charge it for **about 2 hours.**

**The charging voltage should not exceed 5V.
The recommended charging current is a maximum of 1A.**

FIRST START

GSM RANGE	INTERNET CONNECTION	4G CONNECTION	WIFI SIGNAL	BATTERY LEVEL

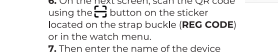**1.** If the nanoSIM card is properly inserted in the watch and meets all the conditions described above, **turn on the device by pressing and holding the function button (1) for about 5 seconds.**
2. After turning on the watch, the main screen with time and date will be displayed. By sliding your finger down on the main screen or menu, you will see the icons shown in the graphic above: **WiFi signal, GSM range, Internet connection, battery status (The most accurate battery status is displayed in the app)** and quick menu (brightness, volume, settings).
3. After starting, **wait until the watch catches the GSM range and connects to the Internet. These are the conditions necessary for further configuration of the device.** If the above icons do not appear after a minute, **check that the SIM card meets all the conditions described earlier and that the watch is in a place with network access.** You should also try to turn the watch off and on again
(**Settings>Turn off**). If the watch has GSM coverage, but there is no internet, it may mean **incorrect APN configuration**. Configuration can be done using special SMS codes, described in the further part of the manual - **TROUBLESHOOTING**.
4. Once the device is connected to the Internet, proceed to the next step, i.e. installing the SeTracker2 application on the parent/guardian's phone. The operation of the smartwatch is described in the further part of the manual. **To use the full capabilities of the device, you must register and configure the smartwatch** using the SeTracker2 application.

SETRACKER2 APP INSTALLATION

1. Scan the QR code above to download and install the SeTracker2 apps on your parent/guardian's phone.
2. You can also install apps by searching Play Store or AppStore: "SeTracker2".
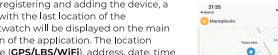
ℹ The application is compatible with devices operating on the Android and iOS platforms. The application is necessary to use the functions of the Manta Junior Joy children's smartwatch.

When you start the application for the first time, you must grant the required consents and permissions. Otherwise, the application will not work properly.

REGISTRATION IN THE SETRACKER2 APPLICATION

1. After launching the SeTracker2 application, the login screen will be displayed. To register, click **Sing Up**. You can also log in to the account created earlier.
2. In the first field of the registration window, enter the **e-mail address that will be used as a login to the application.**
3. Then enter the verification code from the image on the right.
4. In the last field, enter the **password** that, together with the **e-mail address**, will be used to log in to the application.
Note: the password can be 8-16 characters long. Only numbers and letters may be used.
Polish characters (e.g. ą ę ś ż) and special characters (e.g. ! ? # /) are not allowed!
5. Then select the consents, leave the area: Europe and Africa and click **Sing Up**
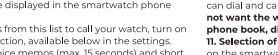
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6. On the next screen, scan the QR code using the (1) button on the sticker located on the strap buckle. (**REG CODE**) or in the watch menu.
7. Then enter the name of the device (e.g. child's name), it will be displayed as the name of the device associated with your account.
8. The next step is to choose a relationship with the watch user.
9. After completing all the data, click OK and get full functionality of the device and the SeTracker2 application.

Note: Once you assign a watch, it becomes linked to your account. This account becomes the administrator of the device. If another parent/guardian wants to add the device to the application, just like the first one registers in the SeTracker2 application with his own e-mail address, scans the REG CODE, then the administrator will have to confirm consent to pair the smartwatch with another account.

In case of problems with registration, please contact MANTA Technical Support.

SETRACKER2 APP

After registering and adding the device, a map with the last location of the smartwatch will be displayed on the main screen of the application. The location source (**GPS/LBS/WIFI**), address, date, time of last reading and battery status of the watch will be displayed.

The watch should be in an open area so that the location is accurate and stable thanks to the GPS signal. If the watch does not have access to GPS, because it is, for example, inside a building, the location is determined based on the nearest base station. Then the displayed position of the device may differ from its actual location.

Note: When using any function of the SeTracker2 app or trying to change settings, you may see the message **"Device is not online"**. This means that the smartwatch has no internet access or is out of network coverage. Check if the SIM card is correctly installed and if it meets all the conditions described earlier in the manual. If the card is properly installed and meets the requirements described, the reason for the lack of coverage may be incorrect APN configuration. How to properly configure the APN is described in the further part of the manual - **TROUBLESHOOTING**.

MOST IMPORTANT APP FUNCTIONS

1. Contacts: Add contacts to be displayed in the smartwatch phone book (maximum 15 contacts).
Note: If you want only contacts from this list to call your watch, turn on the **Reject Unknown Calls** function, available below in the settings.
2. Chat: Ability to send short voice memos (max. 15 seconds) and short text messages (max. 30 characters) to the smartwatch.
3. SOS Emergency numbers: Configuration of SOS numbers (up to 3 numbers).
4. Location: A mini map with the last location of the smartwatch is displayed on the main screen. Click on the mini map to display the full-screen map. You can refresh the location by clicking on the **Refresh** icon at the bottom of the screen.
5. Geo fence: A feature that allows you to define an area where the smartwatch can move. When the border of the area is exceeded, the application will inform you about it. To set the fence, click on the map, then set the center of the geo-fence. Enter the name and radius of the area (up to 2 km).
6. Video chat: A video chat function between the app user and the smartwatch. **A strong 4G signal is required for a stable and good quality video connection.**
7. Voice monitoring/Listening: The function of remotely listening to the sounds of the smartwatch's surroundings. You must enter a phone number to activate the feature. Within 30 seconds, the watch will call the phone number provided earlier. No message is displayed on the smartwatch - it is completely discreet.
8. Health/Pedometer: Your child's activity, steps taken and calories burned. The pedometer is activated by switching on the option in the watch settings: **Settings>Pedometer.** Select the frequency of automatic refresh of the smartwatch's location.
9. Working Modes/Tracking Frequency: Select the frequency of

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automatic refresh of the smartwatch's location.
10. Disable Functions>Dial Pad: Enable/Disable numeric keypad functions on the watch. When this feature is enabled, the watch user can dial and call any number (even outside the phonebook) **If you do not want the watch user to be able to contact numbers outside the phone book, disable this function.**
11. Selection of time zone: Configuration of the correct time displayed on the smartwatch.
12. Remote restart: A function that allows you to remotely turn off and restart the smartwatch.
13. LBS/GPS: Remove the smartwatch from your app account. After removal, the watch can be registered to another account in the SeTracker2 application.

SMARTWATCH OPERATION

1	TURNING ON THE DEVICE

Press and hold the function button(1) for approx. 5 seconds to start the device.

MENU NAVIGATION

The menu of the device is navigated using the touch screen
Swipe left or right to enter the main menu.
Swipe down to view parameter status and quick setting menu.

SOS CALL
To make an SOS emergency call, press and hold the function button (1) for about 4 seconds.
The SOS function works with an active SIM card and after entering the SOS number by the SeTracker2 application.

TURNING OFF THE DEVICE
Press function (1) or swipe left to enter the main menu. Then use **Settings>Disable.**

TROUBLESHOOTING

THE SMARTWATCH DOESN'T TURN ON
Connect the device to charge for approx. 2 hours
Check if the charging cable is properly connected.
Check that the charging cable and charger are working properly.

NO INTERNET CONNECTION ("DEVICE NOT ON NETWORK" MESSAGE)
Make sure that the SIM card meets all the requirements described in this manual.
Make sure your watch is in a location with optimal GSM coverage.
Restart the device.
Perform APN configurations in accordance with the following instructions for example GSM operators:

Send an SMS to the phone number of the SIM card in the watch (**the watch must be turned on, case sensitive**):

pw.123456,apn

Plus

pw.123456,on#

Play, T-Mobile, Virgin Mobile:

pw.123456,apn,internet#

The correct response:
apn:internet,user:internet,password:internet,userdata.

Plus:

pw.123456,apn,plus#

The correct response:
apn:internet,user:,password:,userdata.

After receiving the response, we send an SMS that will restart the watch to apply the new configuration:

pw.123456,reset#

You will receive a return message: "reset..." after the smartwatch restarts.

NO GSM RANGE
Check if the SIM card is properly installed and if it meets all the requirements described in this manual.
Make sure that the smartwatch is located in a place where the GSM signal strength is at the appropriate level.
Restart smartwatch.

INACCURACY LOCATION
Remember that the smartwatch must be in an open area for the location to be determined with the greatest accuracy based on the GPS signal. In buildings, in the forest, the level of the GPS signal may be low or completely lost. When the smartwatch loses the GPS signal, because, for example, it is in a building, the location is determined on the basis of the nearest LBS cellular network

transmitter or the detected WiFi signal which may cause discrepancies in relation to the actual location of the device.
If the device is in an open area and the location is still not accurate, restart the watch. This can be done via the **Shutdown** option in the device menu or remotely using the **Remote restart** function in the SeTracker2 application.

THE WATCH CANNOT BE CALLED
Check if the smartwatch has GSM coverage and the card meets all the requirements.
When the **Reject unknown calls** function is turned on, only contacts saved in the contact book can call the watch, check if the number you are calling from is saved in it.

LOW VOLUME OF SOUNDS
The volume can be adjusted via the Volume function in the watch settings.

LOW BATTERY LIFE
In the settings of the SeTracker2 application, check the operating mode in which the device operates (**Update every 10 min mode** is recommended).
Check that the charging process of the watch has not been too short, that the battery has reached 100% charge (recommended charging time is about 2 hours).

If, despite the above tips, you have not been able to solve the problem with the device, please contact Manta technical support:
e-mail: serwis@manta.com.pl

We encourage you to visit our store to purchase additional accessories and other Manta products:
www.emanta.pl

TECHNICAL SPECIFICATIONS

Display: 1.57" IPS 200x320 pixels
Waterproof: IP67
Battery capacity: 500mAh
SIM card size: nanoSIM
GSM standards: 2G/3G/4G
Location: GPS/LBS/WiFi
Weight: 43g
Case dimensions: 53.7 x 35 x 15 mm
Wrist circumference: 14-20,5 cm

USER MANUAL IN ELECTRONIC VERSION

Scan the QR code below to download the always up-to-date electronic manual (**other languages also available**):

Or go to the website:
software.manta.com.pl

Manta S.A. hereby declares that the devices SWK03BK / SWK03BL / SWK03PK complies with the RED Directive 2014/53/EU. The full text of the declaration of conformity is available at www.manta.com.pl

Made in P.R.C.
FOR MANTA EUROPE

SERVICE ADDRESS
tel: +48 22 123 96 66 or e-mail: serwis@manta.com.pl
From Monday to Friday: 9:00-17:00
The standard price of the call. The detailed price depends on your operator's price list.

Operating frequency range:
-2G: 1710-1785 MHz oraz 1805-1880 MHz
-3G: 1710-1785 MHz oraz 1805-1880 MHz
-4G: 2600 MHz (zakres 2500-2690 MHz),
2100 MHz (zakres 1900-2290 MHz),
1800 MHz (zakres 1710-1785 MHz oraz 1805-1880 MHz),
900 MHz (zakres 876-915 MHz oraz 921-960 MHz),
800 MHz (zakres 791-821 MHz oraz 832-862 MHz).
Max output power: 27 dBm