

Technaxx® * User Manual

Video Watch with FullHD Camera TX-93

8GB Watch for video recordings with sound

The Declaration of Conformity for this device is under the Internet link: **www.technaxx.de/** (in bottom bar “Konformitätserklärung”). Before using the device the first time, please read the user manual carefully.

This device has a rechargeable battery. It must be fully charged before first use. NOTE: Charge the battery of the device every 2–3 month if it is not used!

Service phone No. for technical support: 01805 012643 (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks).

Free Email: **support@technaxx.de**

The support hotline is available Mon-Fri from 9 am to 1 pm & 2 pm to 5 pm

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product.

Warranty 2 years

Enjoy your product. Share your experience and opinion on one of the well-known internet portals.

Features

- Video watch with integrated 1MP FullHD camera and microphone
- Inconspicuous camera lens in the dial
- Video resolution 1920x1080 (interpolated) with sound
- Separate sound recording (WAV)
- 8GB flash memory
- 4x IR LED for night vision ~1m
- Protection class IP65 (dust proof & water jet proof)
- Easy transfer via USB cable to a PC
- Plug & Play device

Technical specifications

CMOS-Sensor	1/3.2" CMOS 1MP
Lens	Viewing angle 75° horizontal, IR night vision ~1m, 4x IR LED
Video resolution	1920 x 1080 (interpolated)
Video / Audio format	AVI, 30fps / WAV
Internal memory	8GB for video & audio files Video recording time with sound ~35–40 minutes
Power consumption	DC 160mAh/3.7V (only video) DC 100mAh/3.7V (only IR)
Charging	Via 2.5mm jack to USB cable* (*included) or DC 5V/1A USB power adapter** (**not included)
Built-in rechargeable 200mAh Lithium ion battery: Charging time ~3 hours (without simultaneous recording) Maximal recording time ~1 hour (fully charged battery)	
Watch power supply / Battery	DC 1.5V/150mA / AG4 cell battery 1.5V (not rechargeable, but replaceable)
Protection Class	IP65 (dust proof & water jet proof)
Operation systems	Windows 7 / 8 / 8.1 / 10 & MacOS
Working temperature	0°C up to 40°C
Material:	Metal & Glass & Leather imitation
Weight / Dimensions	83g / Dial (L) 5.5 x (W) 5.2 x (H) 1.8cm
Package contents	Video Watch with FullHD Camera TX-93, USB charging cable with 2.5mm jack, Replacement knob for microphone, User Manual

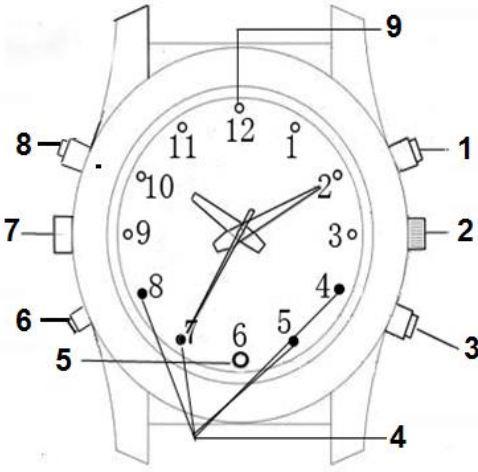
Charging Status & Low Battery Status

This watch has a built-in rechargeable (but not replaceable) Lithium ion battery which can be charged by connecting the USB interface of the watch with computer USB interface or an adapter** (**not included).

1. Charging: remove the knob (7) by screwing it apart and then insert the 2.5mm jack of the USB charging cable* (*included) to the watch. Insert the USB jack of the cable to an USB port of a PC or to an USB 5V/500mAh adapter** (**not included). After connection, the BLUE LED (9) lights up for about 2 seconds. The RED LED flashes during the charging process. When the BLUE LED constantly is ON (constantly shines) the watch is fully charged, and you can disconnect the watch. Charging time is approx. 3 hours.

2. Low Battery Status: while recording a video and/or voices, the BLUE LED flashes quickly when the battery becomes a low status. The camera turns OFF automatically. Before the camera turns OFF, the files are saved.

Overview

	1) Power ON/OFF Video Record Button
	2) Time adjust (analog watch face)
	3) Microphone
	4) 4x IR LED light
	5) Camera
	6) IR LED light ON/OFF
	7) 2.5mm jack charging slot
	8) Audio Recording Button
	9) Indicator LED

Operation Modes

1. Turning camera ON

Press and hold the Power/Video button (1) for two seconds. The BLUE and RED LED light up. RED LED turns OFF. The BLUE LED is steady ON now (it indicates power on and standby time mode).

2. Recording a video

In the standby/video mode press shortly the Power/Video button (1). The BLUE LED flashes for 3x and then turns off. Video recording starts. Press the Power/Video button (1) again to stop the recording. The recording is saved automatically.

When storage of the camera is full, the oldest file is deleted automatically and replaced by the new one.

3. Separate Audio recording

In the standby mode press shortly the Audio recording button (8) to start audio recording. The RED LED flashes 3x and turns off. The recording starts. Press the Audio recording button (8) to stop the recording. The recording is saved automatically.

4. Infra Red Mode

Under standby mode, press shortly the IR LED light ON/OFF button (6). The BLUE LED is steady on, the RED LED flashes 2x and turns off → now infrared light is enabled. Press shortly the IR LED light ON/OFF button (6). The RED LED flashes 2x and turns off → then infrared light is closed.

5. Turning camera OFF

In the standby/video mode, press and hold the Power/Video button (1). The BLUE LEDs turns OFF. When the camera is not used for 1 minute after power on, it will power off automatically.

6. Reset

If the watch is not operating properly, press the Power/Video button (1) and the Voice record button (8) at the same time to reset it.

Connect to a computer

1. Use the USB cable* (*included) to connect the watch to a PC USB port. Then a “removable disk” icon occurs on the computer. If the watch is connected to a PC, it starts to work as a removable disk. Video/Transmit/Copy can be checked, data can be easily copied and deleted (video, audio, etc.).

2. Set Date stamp and Time stamp

- a. Plug in the USB cable to the watch and to a computer.
- b. Go to <My Computer> or Computer or Explorer.
- c. The camera will be recognized as removable Disk Drive.
- d. Edit the text file named <<time>> by double left click on the <time.txt> file.
- e. Fill in the current Year-Month-Day. hour:minute:seconds [eg: 2021-01-01 00:00:00 Y] (Change "Y" to "N", the time stamp will not show up.)
- f. Save it, then close the file.
- g. Power off the watch and restart it. After one successful saved recording, date and time are implemented to the video/audio file.

3. Disconnect the watch (USB watch) from the PC

- a. Right mouse click on the Windows interface "Safely Remove Hardware" icon (lower right corner on green arrow).
- b. Select "Stop" in "Safely Remove Hardware" dialog box.
- c. Choose the watch you want to disconnect, click "OK", watch quit safely.

"Safely Remove Hardware" dialog box shows "USB Mass Storage Watch can now be safely removed from the system" (lower right corner, green arrow).

d. Close "Safely Remove Hardware" dialog box.

e. Disconnect the watch (USB watch) from the computer.

Note: The watch is not recording video or voice while connected with a computer.

Waterproof function (comply strictly with following operations)

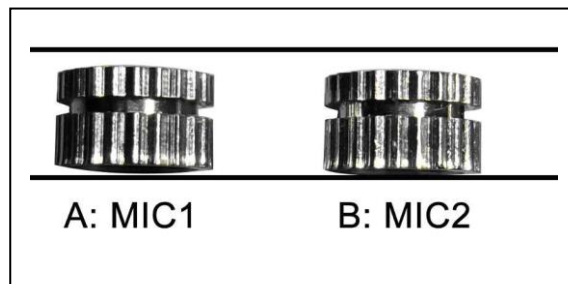
NOTE: The watch is NOT suitable for swimming or diving!

● Distinguish strictly between the two different types of knobs

	1.	MIC knob with sound hole
	2.	Sound transmission hole
	3.	Waterproof MIC knob
	4.	Waterproof sealing pad

● MIC knob & USB knob

→ they are NOT inter- changeable. → otherwise the product will be damaged. May not longer be waterproof or dustproof.



● MIC1 and MIC2 are both MIC knobs.

● MIC1 is with a sound hole at the center. Under usual conditions, use this knob. It can record the voice synchronously when recording video.

● MIC2 is with a sealing pad and no sound hole. Under bad conditions, use this knob for waterproof and dustproof. The voice cannot be recorded when using this knob.

Note: ● USB knob also is with sealing pad and no hole. Screw it tightly no matter what environment, otherwise the USB port or electronic components will be damaged. ● Tighten all waterproof knobs when using. ● Check if the sealing pads are off, if off, use back-up knobs.

FAQ:

1. **Cannot turn on** → Check if the watch's power is low: charge the battery.
2. **Cannot upload/download files normally** → (a) Check the USB cable between the watch's USB and the PC, maybe is damaged or not/correctly connected. (b) Check if the driver is installed properly. (c) Check if there is enough storage space to save the file.
3. **The time on the watch face is not working** → The battery for the analog watch needs to be changed. The battery you are charging supplies only power for the video and audio recordings.

Warnings

- Do not attempt to disassemble the watch, it may result in short-circuit or even damage.
- Do not drop or shake the watch. It may cause internal mechanical damage.
- Use it under normal temperature and normal humidity.
- Do not use it directly against strong light, to avoid damage optical watch.
- Do not use under high dust density environment, to avoid the lens and other components stain dust and affect the camera quality.
- Do not make its strong shock, vibration, do not use under high magnetic field.
- Keep the watch away from little children.

Disposal

Waste electrical equipment from private households

- If you no longer have any use for the device, hand it in free of charge at a public collection point designated for old electrical devices.
- Under no circumstances should old electrical equipment be disposed of in the residual waste.

Further notes on disposal

- Always return the old electrical equipment in such a way that its subsequent reuse or recycling is not impaired. Batteries must be removed beforehand and damage to containers containing liquids must be avoided.
- Waste electrical equipment may contain harmful substances. If the device is handled improperly or damaged, this may result in damage to health or contamination of water and soil during subsequent recycling.



Products marked with this symbol meet all applicable community regulations of the European Economic Area.

Technaxx Deutschland GmbH & Co KG has issued a "declaration of conformity" in accordance with the applicable directives and relevant standards. has been created. This can be viewed at any time upon request.



Security and Disposal Hints for Batteries: Hold children off batteries. When a child swallowed a battery go to a doctors place or bring the child into a hospital promptly! Look for the right polarity (+) and (–) of batteries! Always change all batteries. Never use old and new batteries or batteries of different types together. Never short, open, deform or load up batteries! **Risk of injury!** Never throw batteries into fire! **Risk of explosion!**

Batteries can be returned free of charge after use in retail stores. The end user is legally obliged to return used batteries. Separate collection and recycling of old batteries for the environment and health. Remove batteries before disposing of the device.



Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Important Notice:** Should battery fluid leak from a battery, wipe the battery case with a soft cloth dry. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Konrad-Zuse-Ring 16-18, 61137 Schöneck, Germany