Technaxx® * User Manual

Desk Clock with PIR & FullHD Camera TX-76+

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, read the user manual carefully.

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**

IMPORTANT HINTS: Before the first use make sure you have charged the device. Only use battery type 18650 lithium-ion which is included in package contents. For other batteries we do not overtake any guarantee. Insert a MicroSD card first, otherwise the function of the described indicator lights does not fit the description.

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

● Digital desk clock with PIR & built-in FullHD camera ● Home and office surveillance ● Digital time display also while recording ● Set up 2 alarm times (alarm clock) ● Video recording with sound by motion detection (PIR ~8m) ● 36 IR LED for night vision up to ~6–8m ● Recording while charging ● Temperature & date display ● Anti-scratch shell & anti-slippery rubber foot

Note: This device supports VGA/1080p video. Use high speed memory card because video file size with 15 seconds recording are up to 30–70MB big.
→ With FullHD video recording on MicroSD 32GB you can store ~1 hour of footage. → With VGA video recording on MicroSD 32GB you can store in ~4.5 hours of footage.
**Please notice that this will not be a permanently recording!** It is just the amount of time that can be saved on MicroSD with 32GB.

Technical specifications

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Video	Resolution 1920x1080 interpolated / VGA (640x480) / AVI format / 25-30fps / Length: 15 seconds fix / Loop recording / Built-in microphone
Photo resolution	1920x1080 interpolated / JPG format
Sensor	CMOS sensor / 3MP / 65° viewing angle
Trigger time	0.6–1.2 seconds
PIR angle / distance	100° / ~8m
IR LED /-distance	36 pieces / 6–8m
Alarm	2 alarms can be set
Storage medium	Supports MicroSD(HC) cards up to 64GB (Class 6 an higher)
Playback software	VLC Player / Windows Media player / KM Player
Power supply	Rechargeable replaceable 2x 2000mAh lithium ion batteries type 18650 3.7V Or DC 5V/1A power adapter* (*not included)
Charging / Working time	8–10 hours / PIR video + IR: 2–2.5 hours, PIR video: 22–25 hours
Standby time	90 days (clock with screen auto off)
Power consumption	160mA/3.7V (video only) 1200mA/3.7V (IR only) 30mA/3.7V (clock only)
Operation systems	Windows 7 / 8 / 8.1 / 10; MAC OS
Weight / Dimensions	269g (with batteries), 181g (without batteries) / (L) 15.2 x (W) 7.2 x (H) 3.9cm
Package contents	Desk Clock with PIR & FullHD Camera TX-76+, 2x batteries (type 18650 3.7V), Micro USB cable (for charging & data transfer to the PC), User Manual

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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**!
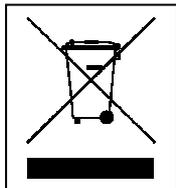
Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany

Product overview

Front side
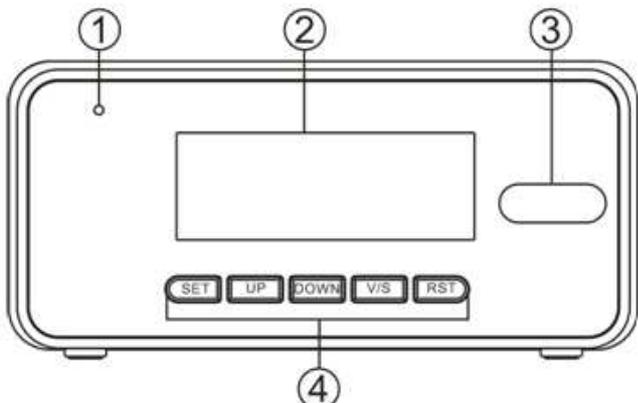
1	Camera	
2	LED screen	
3	PIR sensor	
4	SET	Set up functions of clock.
	UP	Set up time & date & alarms.
	DOWN	Set up time & date & alarms.
	V/S	Control screen ON/OFF.
	RST	Reset: time, date & alarm from clock

Rear side
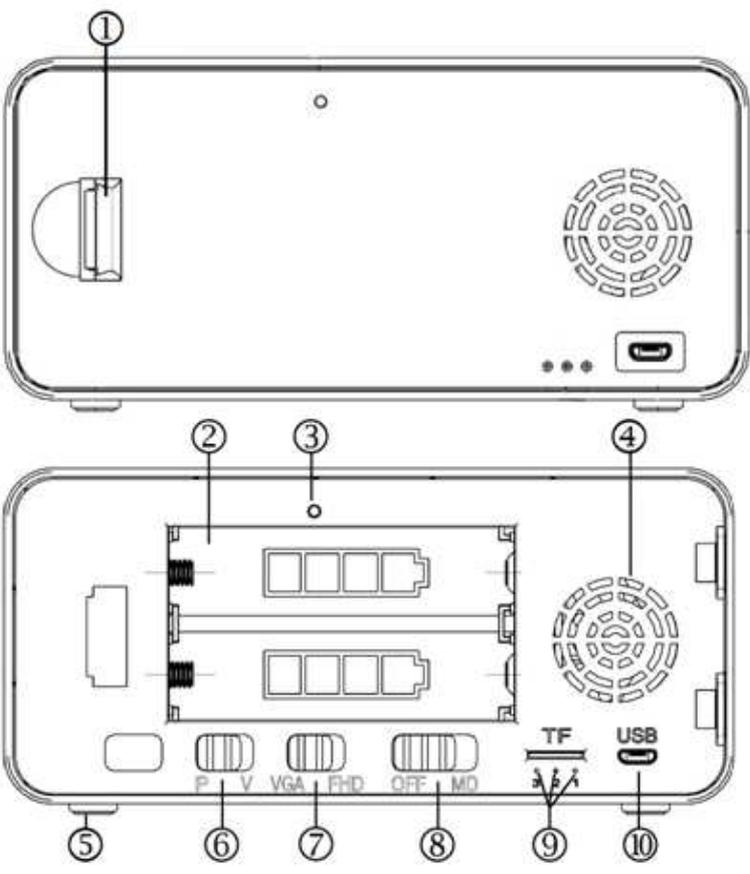
1	Open here (back cover)
2	Battery compartment (Battery type 18650)
3	Temperature sensor
4	Loudspeaker (for alarm sound)
5	Rubber feet
6	Switch 3
7	Switch 2
8	Switch 1
9	Working indicator lights LED 1, 2, 3
10	Micro USB port (power supply)

Insert & charge the batteries

Open the back cover of the device. Install the batteries (type: 18650 2000mAh 3.7V) and ensure their correct polarity. After that, close the battery compartment cover by replacing the back cover. To charge the batteries, use the attached Micro USB cable. During charging process the LED 1 (RED light) is steady on. The LED turns off if the device is fully charged.

Insert the memory card

NOTE: Format the memory card (up to 64GB) first in FAT32 before using it for the first time (use free Software from die Internet). A MicroSD memory card must be installed before operating the camera function of the desk clock. Press the memory card into the MicroSD card slot until you hear a click tone. To remove the memory card, push it. Then it will slide partially out of the desk clock.

Note: When the MicroSD card is replaced you need to set the date and time again.

Clock setting (not video /photo time stamp setting)

Current date & time setting		
Current date & time setting Long press SET to set up date, press UP/DOWN to select current year. Short press SET to set up month, press UP/DOWN to select current month. Press SET to set up day, press UP/DOWN to select current day. Press SET to set up time, press UP/DOWN to select current hour. Press SET to set up minutes, press UP/DOWN to select current minutes. Press SET to select 12H/24H, press UP/DOWN to select 12H or 24H (see images on the right). **Note:** The time & date (month.day) & temperature will be displayed in order in every 5 seconds. This cannot be changed. When setting year & date & time, if there is no operation during 10 seconds, the device returns back to time display mode.	Year setting	2017
	Month setting	9.17
	Day setting	9.17
	Time mode	12:00
	Hour setting	12:00
	Minute setting	12:00
	12H	12H
	24H	24H

Under time mode	Fahrenheit	83°F
	Celsius	28°C
→ Press UP to choose the temperature format: Fahrenheit (°F) or Celsius (°C).	Alarm ON	ON:A1 ON:A2
→ Press DOWN once/twice to check ON/OFF of alarm one/two.	Alarm OFF	--:A1 --:A2
→ Press V/S to change from screen steady ON (ON:SD) to screen auto off (–:SD).	Screen steady on	ON:Sd
When the screen is off, slightly knock on the clock, the screen will turn on. The time & date & temperature will be displayed in order for 2 times. Then the screen turns off again.	Screen off	--:Sd

Alarm setting	Settings	① Alarm mode	② Alarm mode
Under time mode, press DOWN 1x, then press SET, enters into ① Alarm setting mode.	Alarm hour	7:00	13:30
Press UP/DOWN to turn on/off alarm. Press SET to set hour firstly by using the UP and DOWN button.	Alarm minute	7:00	13:30
Press SET the second time to set Alarm minute by using the UP and DOWN button.	Alarm On	ON:A1	ON:A2
After finish ① alarm, press SET into ② alarm setting, same way as ①. **Note:** Alarm clock with "beep" lasting for 1 minute, press any button to stop it when ringing. This clock has snooze function, defaulted interval is 5 minutes. When setting alarms, if there is no operation during 10 seconds, the device returns back to time display mode.	Alarm Off	--:A1	--:A2

Use of the device

●   Open back cover, insert MicroSD card.
Note: If no MicroSD card is inserted or the MicroSD card cannot read, the Indicator LED 3 will be steady on.

Switch & indicator LED description

Motion detection video recording

● Set switch 3 to V and set switch 2 to VGA (640x480) or FHD (1920x1080) to choose video resolution, then set switch 1 to MD (LED 2 / BLUE light flashes 6x then off).

→The camera turns on and videos will be recorded according to your setting.

→ Set switch 1 to OFF, the camera turns off and stops taking videos.

Note: Maximum file length of video recording is 15 seconds for VGA and FHD resolution, after that a new file is created.

Motion detection picture taking

● Set switch 3 to P, then set switch 1 to MD (Led 2/blue light flashes 6 times then off), the camera will take photos (no matter of the position of switch 2).
→ Picture will be taken in every second motion is detected.
→→ Set switch 1 to OFF, the camera turns off and stops taking pictures

Infra-Red Mode (IR)

● the infrared light turns on automatically if the illumination is less than 10 LUX under video recording or pictures taking mode.

● If the automatic IR light is on, it will remain on until the brightness is higher than 70LUX, then the IR light turns off automatically.

● If the automatic IR light is off, it will remain off until the brightness is below 10 LUX, then it turns on automatically.
So when the lumen is between 11–69 LUX, the state of the automatic IR light depends on the initial automatic infrared switching state.

Recording while charging

● 5 seconds after this device is connected with an adapter, the same operations are valid as for battery use.

Loop recording
● If the memory card is full, the first videos will be deleted automatically and recording will be continued.

Connecting with PC
● Set switch 1 in middle, connect it with PC using USB cable.
● Then set switch 1 to OFF and camera will be recognized as a removable Disk Drive. If the device is not read by PC, charge the batteries then reconnect.

Reset
● The reset button on the front of the device will reset time, date and set alarm clock. Press and hold it until a countdown occurs. After reset you need to set time, date and alarm clock again.
● If the video/photo is stuck or not working properly: → set the switch 1 to OFF and wait for about 1 minute; →→ take out the batteries. After one minute reinstall them.

Set Date & Time stamp
● The date and time will be changed for video or photo in next recording.

→ Insert a MicroSD card and set switch 1 to OFF.

→→ Connect the device with PC using MicroUSB cable.

→→→ Go to <<My Computer>>, find the CD drive called Date/Time Set and double left click on it.

→→→→ A folder will open. According to your computer system, Mac OS or Windows double left click on the corresponding folder.

→→→→→ Double left click on DSC Clock and then click on Time synchronization.

→→→→→→ Right click on the device to eject the CD drive and the storage from your Windows PC. Under MacOS put the CD drive and the storage into trash to eject it.

→→→→→→→ The device now has the current date and the current time.

Windows: Step →→→
USB drive/storage (F:)   CD drive (E:) Date/Time Set 0 Bytes free of 724 KB
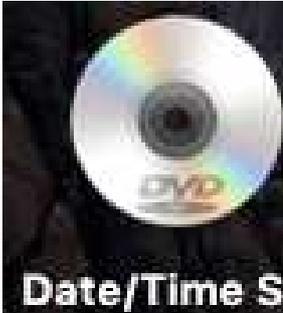
MacOS: Step →→→
CD drive   "Date/Time Set"   USB drive/storage   "NO NAME"

Warnings

● Do not attempt to disassemble the device, it may result in short-circuit or even damage. Do not drop or shake the device, it may break internal circuit boards or mechanics.

● Use it under normal temperature and normal humidity.

● Do not put it in a moist working environment since it is not waterproof.

● Do not use it directly against strong light, to avoid damage optical device.

● 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 device away from little children.