

Technaxx[®] * User Manual

Wireless Security Alarm Set TX-104

[additionally: 3-Motion Detection Sensor Set TX-105]

The manufacturer Technaxx Deutschland GmbH & Co.KG hereby declares that this device, to which this user manual belongs, complies with the essential requirements of the standards referred to the Directive **RED 2014/53/EU**. The Declaration of Conformity you find here: www.technaxx.de/ (in bar at the bottom "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

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**

Features

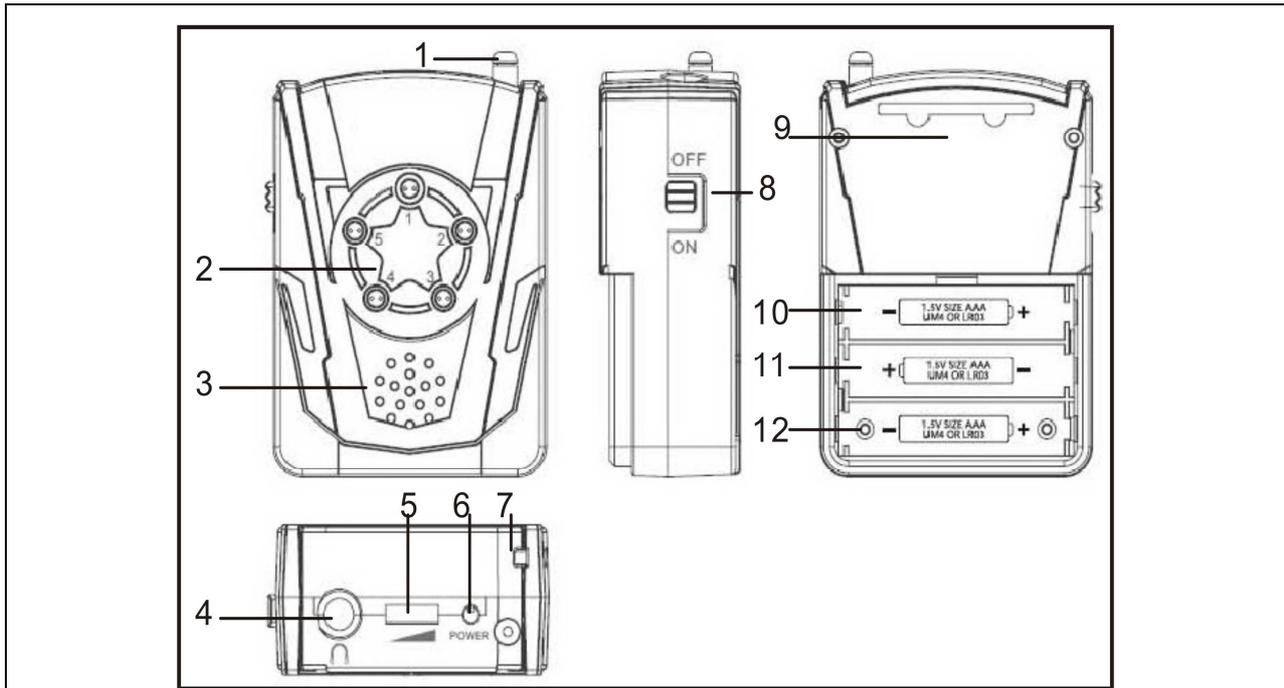
- Wireless transmission range ~100m Receiver ↔ Sensor
- Very short sensor trigger time 0.5 seconds
- Expandable up to 5 sensors with one receiver
- Adjustable sensor motion detection distance up to 12m
- 70° detection angle of sensor
- 3 alarm methods: vibration, sound, LED light
- Sensor protection class IP66 (dust & water proof)
- Receiver with belt buckle
- Powered by batteries* (*not included)
- Functional & easy handling



Technical specifications

Transmission range	Receiver \leftrightarrow Sensor ~100m (open areas)
Sensor	<p>Power consumption \leq 2mA / 4,5V</p> <p>PIR: distance ~12m, angle 70°, trigger time \leq 0,5 sec.</p> <p>Signal strength \leq 10mW / Protection class IP66</p> <p>Power supply: 3x AAA bateries* (*not included)</p> <p>Weight 132g / Dimensions (L) 14 x (W) 10 x (H) 4cm</p>
Receiver	<p>Power consumption \leq 8mA / 4,5V</p> <p>Power supply: 3x AAA bateries* (*not included)</p> <p>Weight 82g / Dimensions (L) 8,0 x (W) 5,5 x (H) 4,0cm</p>
Life span of the batterie	<p>Sensor: up to 400 hours (~16 days)</p> <p>Receiver: up to 100 hours (~4 days)</p> <p>Sensor Standby time ~6 month (if nothing is detected)</p>
Vibration alarm	15 seconds, intensity adjustable
Alarm sound	15 seconds, volume adjustable
Transmission frequency	433 MHz wireless
Working temperature	-20° up to +60°C
Storage temperature	-30° up to +70°C
Humidity	5% up to +90%
<p>Wireless Security Alarm-Set TX-104 (1 wireless receiver & 2 sensors), 2 mounting belts, User Manual</p>	

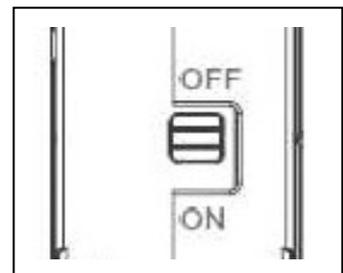
Receiver



1	Antenna	2	Sensor signal indicator: 1,2,3,4,5
3	Speaker	5	
4	3.5mm earphone jack	7	String Jack
6	Power indicator	9	Belt buckle
8	OFF/ON Switch	10 + 12	Battery polarity –
		11	Battery polarity +

How to power it on

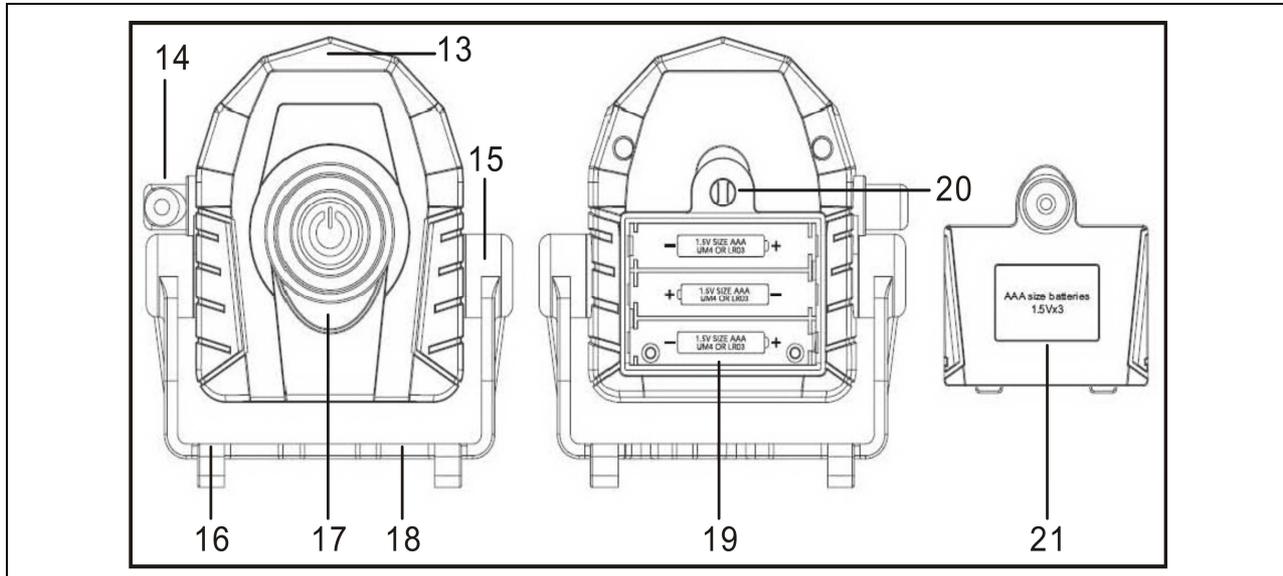
Switch to “ON” position after loading new 3x AAA batteries, then the power indicator will blink in RED color continuously.



Note: Push the battery compartment cover down and open it to load the receiver batteries. Take out the batteries when it is not used for a long time.

Caution: The **receiver** is designed NOT (!) to be water resistant. Never attempt to immerse the unit in water or any other liquid. This will damage the unit and void the warranty. If put the receiver into a waterproof bag, it will impact the signal reception.

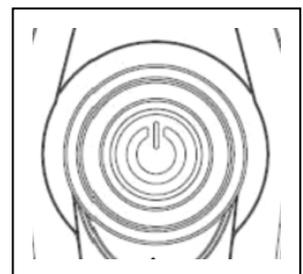
Sensor



13	PIR sensor	14	Antenna
15	Stand (180° rotary)	16	Belt jack
17	Power ON button	18	Mounting jack
19	Battery compartment	20	Screw
21	Battery compartment cover		

How to power it on

After loading 3x AAA batteries, press the front button for to power it on, the green LED will blink for 2s then shut down automatically for power save.



Note: Use a screwdriver or a coin to open/to close the sensor battery case. **Caution:** The **sensor** is designed only to be IP66 water resistant. Never attempt to immerse the unit in water or any other liquid. This will damage the unit and void the warranty.

General

Position the sensors in your garden or around the house and be informed by the receiver (vibration, sound, or light) if someone enters your property. Pay attention to the max. range of the sensors.

How to connect the receiver and sensor

When the receiver and Sensors are powered on, the Sensors will be connected to the receiver wirelessly and automatically, its corresponding signal indicator (1,2,3,4,5) will blink for 15 seconds with sound and vibration, then keep in green color. The maximum connecting distance is up to 100m in an open environment.

Additional Sensor

It is possible to connect **up to 5 sensors** with one receiver. The sensors will wirelessly and automatically connect to the receiver. If you need three more sensors, search for **"3-Motion Detection Sensor Set TX-105"**.

How to alarm	
1	Sound alarm
2	Vibration alarm
3	LED light alarm



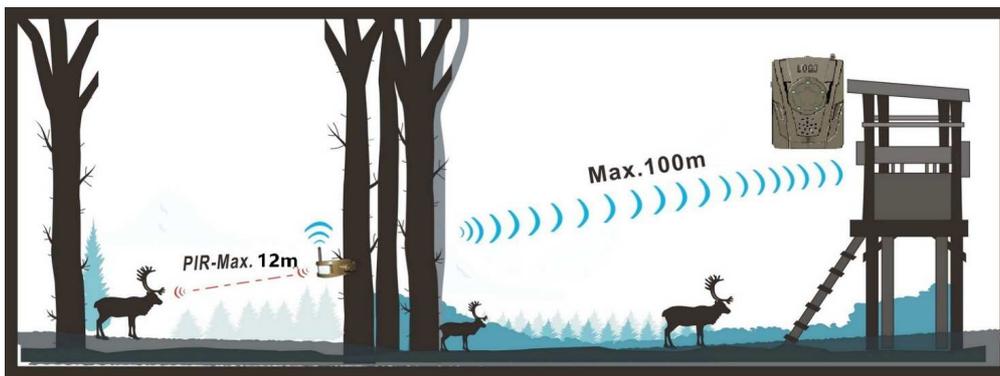
The diagram shows a receiver device with a camouflage pattern and a long antenna. Three indicators are labeled: 1. A speaker icon labeled '1.' indicating sound alarm. 2. A vibration icon labeled '2.' indicating vibration alarm. 3. An LED icon labeled 'LED 3.' indicating LED light alarm.

After the receiver and sensors are powered on and connected successfully, when the sensor is triggered by any motion, its corresponding signal indicator on the receiver blinks for 15 seconds with sound and vibration alarm, then keep in green color till next trigger.

Note:

- If the receiver distance is far to the sensor, pull out the receiver antenna to enhance the signal
- The sound volume is adjustable by turning the volume switch on the top of receiver
- You can use an earphone as well to get the alarm sound
- The 1,2,3,4 and 5 which green LED indicator blink means its corresponding sensor was triggered

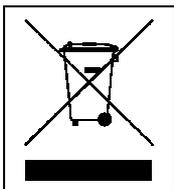
How to settle the sensor



- For a optimal detection, it is recommended to install the sensor at 0.3m to 2m above the ground, and 3m, 6m or 9m distance away from your monitoring or detecting area, the maximum detecting distance is up to 12m in an open environment.
- **Note:** Keep away fluttering leaves/braches/clothing from the sensor, which will be ease to cause the false trigger. It is better to install the sensor in an open environment.



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