

*nedis*  
WLTK0800BK Walkie  
Talkie Set



## nedis WLTK0800BK Walkie Talkie Set Instruction Manual

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**nedis WLTK0800BK Walkie Talkie Set**



## Specifications

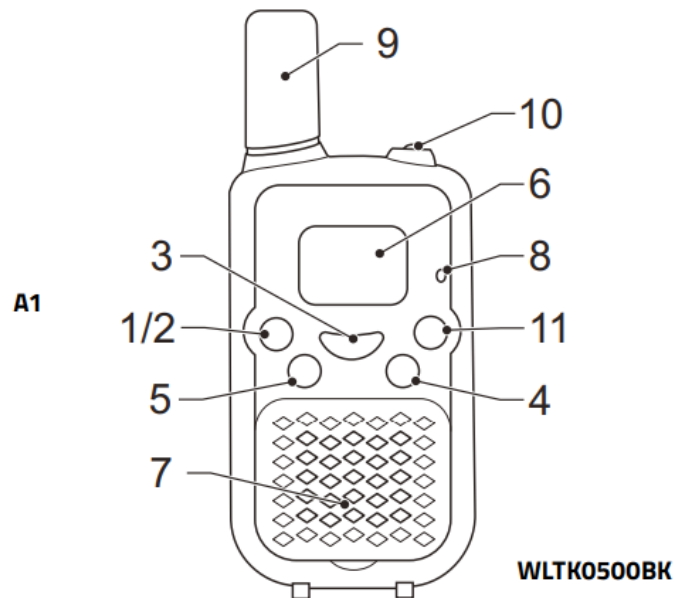
### WLTK0500BK

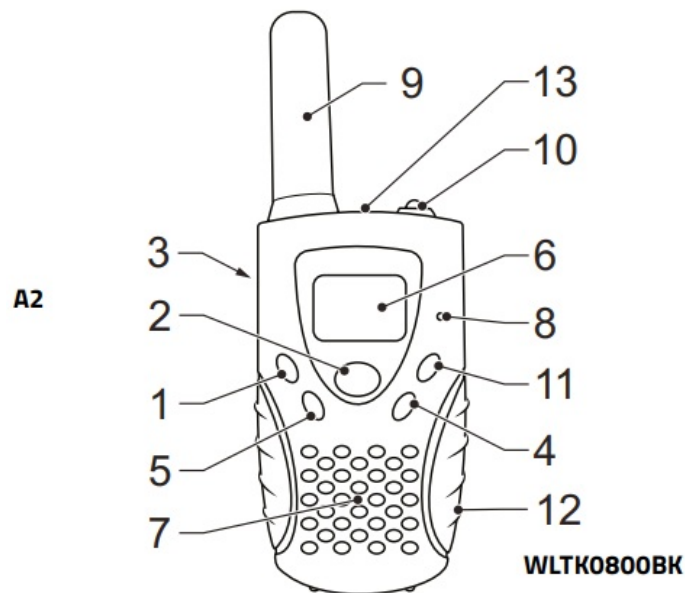
- **Maximum range (open field / No obstacles):** Up to 5 km
- **Maximum range (urban area/country side):** Up to 1.5 km
- **Maximum range (normal use/downtown or residential area):** Up to 200-500 m
- **Channels:** 8
- **Automatic channel scan:** Yes
- **Operation frequency:** 446 MHz
- **Transmission Power:** < 0.5 W
- **CTCSS Codes (for private talking):** 38
- **VOX:** Yes, 3 levels
- **Built-in flashlight:** Yes
- **Maximum playtime (continuous use):** 2.5 hours
- **Maximum standby time:** 24 hours
- **Display color:** Green
- **Battery level indicator:** Yes
- **Automatic battery saving:** Yes
- **Battery:** 2×3 AAA (not included)
- **Push-to-Talk Time-out Timer:** To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press the PTT button for 60 seconds continuously.

### WLTK0800BK

- **Maximum range (open field / No obstacles):** Up to 8 km
- **Maximum range (urban area/country side):** Up to 2 km
- **Maximum range (normal use/downtown or residential area):** Up to 300-800 m
- **Channels:** 8
- **Automatic channel scan:** Yes
- **Operation frequency:** 446 MHz
- **Transmission Power:** < 0.5 W
- **CTCSS Codes (for private talking):** 38
- **VOX:** Yes, 3 levels
- **Built-in flashlight:** Yes
- **Key lock:** Yes
- **Maximum play time (continuous use):** 2.5 hours
- **Maximum standby time:** 24 hours
- **Display color:** Green
- **Battery level indicator:** Yes
- **Automatic battery saving:** Yes
- **Connections:** 2.5 mm jack output, USB Type-C™
- **Battery:** 2×3 AAA (not included)
- **Push-to-Talk Time-out Timer:** To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press the PTT button for 60 seconds continuously.

## Description





1. On/off button	<ul style="list-style-type: none"> <li>Press and hold the button for 3 seconds to switch the device on or off. A beep will sound.</li> </ul>
2. Menu button	<ul style="list-style-type: none"> <li>Press the button 1x to select the channel.</li> <li>Press the button 2x to select the CTCSS code.</li> <li>Press the button 3x to select the VOX settings.</li> <li>Press the button 4x to select the "CA".</li> <li>Press the button 5x to select the tone.</li> <li>Press and hold the button for 3 seconds to lock or unlock the device.(WLTk0800BK)</li> </ul>
	<ul style="list-style-type: none"> <li>WLTk0500xx: The device has one button with the two functions: (1) on/off button / (2) menu button.</li> </ul>
3. PTT/talk button	<ul style="list-style-type: none"> <li>Press the button to send a call tone. The tone will be transmitted on the set channel.</li> <li>Menu mode: Press the button to confirm and return to standby mode.</li> </ul>
4. Up button Scan button	<ul style="list-style-type: none"> <li>Press the button to increase the volume. The display shows the volume level.</li> <li>Press and hold the button for 2 seconds to scan for radio channels.</li> </ul>
5. Down button Monitor button	<ul style="list-style-type: none"> <li>Press the button to decrease the volume. The display shows the volume level.</li> <li>Press and hold the button for 3 seconds to activate the monitor. Release the button to return to standby mode.</li> </ul>

6. Display	<ul style="list-style-type: none"> <li>Press one of the buttons to switch on the display light. The display will be illuminated for 5 seconds.</li> <li>Scan indicator: The indicator is shown when the device is in scanning mode.</li> <li>VOX indicator: The indicator is shown when the device is in VOX mode.</li> <li>Battery indicator: If the battery is low, the battery icon will flash and a beep will sound to indicate that the batteries must be recharged or replaced.</li> <li>Channel indicator: The display shows the selected channel number.</li> <li>CTCSS indicator: The display shows the selected CTCSS code number.</li> <li>RX/TX indicator: The indicator is shown when the device is receiving (RX) and transmitting (TX) radio signals.</li> </ul>
7. Speaker	
8. Microphone	
9. Antenna	<ul style="list-style-type: none"> <li>Hold the antenna and the device at least 5 cm from your face.</li> <li>Point the antenna upwards.</li> </ul>
10. Lamp	<p>You can use the lamp to provide additional light or for sending light signals.</p> <ul style="list-style-type: none"> <li>Press the button to switch on the lamp.</li> <li>Release the button to switch off the lamp.</li> </ul>
11. Lamp button	
12. USB port (USB-C)	<ul style="list-style-type: none"> <li>To charge rechargeable batteries, connect a USB cable to the USB port of the device and to a computer or a USB adapter. The battery icon on the display will flash during the charging process. It is recommended to switch off your radio during the charging process. The battery icon will stop flashing if the charging process is completed.</li> <li>Note: Do not charge non-rechargeable batteries.</li> </ul>
13. Headphone jack (2.5 mm)	<p><b>Warning:</b></p> <ul style="list-style-type: none"> <li>Excessive sound pressure from earphones and headphones can cause hearing loss.</li> <li>Connect the headphones to the headphone jack.</li> <li>If you use the PTT/talk button of the earpiece, also use the microphone of the earpiece. Do not connect other earpieces to prevent damage to the device.</li> </ul>
<ul style="list-style-type: none"> <li>Belt clip</li> </ul>	<p>The belt clip is located on the rear of the device.</p> <ul style="list-style-type: none"> <li>To remove the belt clip, hold the latch and move the belt clip upwards.</li> <li>To attach the belt clip, slide the belt clip in and fasten the belt clip.</li> </ul>

<ul style="list-style-type: none"> <li>Battery compartment</li> </ul>	<p>The battery compartment is located on the rear of the device.</p> <ul style="list-style-type: none"> <li>Remove the belt clip from the device.</li> <li>Open the battery compartment.</li> <li>Insert the batteries (3x AAA, alkaline) into the battery compartment. Make sure that the battery polarity (+/-) matches the polarity markings inside the battery compartment.</li> <li>Close the battery compartment.</li> </ul> <p>Note: The batteries are not included in the packaging.</p> <p>Note: If you do not use the device for an extended period of time, remove the batteries.</p>
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## Receiving/transmitting communication

- When the device is switched on, the device is in reception mode.
- When a signal is received on the current channel, the display will show that the device is in reception.
- When you press the PTT/talk button, the device switches to transmission mode.
- Hold the device in a vertical position with the microphone 5 cm away from your mouth. While holding the PTT/talk button, speak into the microphone in a normal tone of voice.
- Release the PTT/talk button when you have finished transmitting. For others to receive your transmission, they must use the same radio channel.

**Note:** The talking range depends on your environment and be affected by obstructions such as hills or buildings.

**Note:** Do not use two devices closer than 1.5 m from one another to prevent interference.

## Scanning for an active radio channel

Press and hold the up button for 2 seconds to scan for an active radio channel. The display shows the scan indicator. The channel will scan continuously from 1 to 8. If an active channel is found, the scanning will stop and you can listen to the transmission. If the transmission stops, the scanning will resume automatically.

**Note:** If you press the PTT/talk button while listening to a found channel, the device will return to standby mode on the found channel.

## Changing channels

- Press the menu button. The channel number (1-8) flashes on the display.
- Press the up/down buttons to change the channel.
- Press the PTT/talk button to confirm and return to standby mode.

**Note:** If you do not press a button within 15 seconds, the device will return to standby mode automatically.

## CTCSS (Continuous Tone-Coded Squelch System)

The device can operate on 8 different radio channels. If there are many users in your vicinity, other users may be operating on the same radio channel. When using CTCSS, a low-frequency tone (67-250 Hz) is transmitted along with the voice signal.

- Press the menu button twice. The current CTCSS code flashes on the display.

- Press the up/down buttons to change the CTCSS code (38 codes).
- Press the PTT/talk button to confirm and return to standby mode.

**Note:** Due to filtering, these sub-channels will generally not be audible and not disturb the communication.

## **VOX (hands-free function)**

In VOX mode, the device transmits a signal when it is activated by your voice or any other sound. To overrule the VOX mode, press the PTT/talk button.

- To enable VOX mode, press the menu button three times. The current VOX setting flashes on the display. The display shows the VOX indicator.
- Press the up button to set the VOX sensitivity level: 1 = low sensitivity / 2 = medium sensitivity / 3 = high sensitivity.
- To disable VOX mode, press the down button until the display shows "OFF".
- Press the PTT/talk button to confirm and return to standby mode.

**Note:** Do not use VOX mode in a noisy or windy environment.

## **Call tones**

- Press the menu button 4 times. The display shows "CA".
- Press the up/down buttons to change the call tone (10 call tones).
- Press the PTT/talk button to confirm and return to standby mode.

## **Roger beep on/off**

- Press the menu button 6 times. The display shows "RO".
- Press the up/down buttons to switch the roger beep on or off.
- Press the PTT/talk button to confirm and return to standby mode. When you release the PTT/talk button, the device transmits a roger beep to confirm that you have stopped talking.

## **Battery saving function**

When the device has not been used for 6 seconds, the device goes to economy mode. The reception of transmission is not affected in economy mode. If the device detects a radio signal, the device will return to standby mode.

## **Channel frequencies**

The device meets all required standards for radio equipment using PMR 446 frequencies as authorized. The use of this two-way radio product involves the public airways and its use may be subject to local laws or regulations. Contact your radio licensing authority for more information.

Transmission power:  $\leq 0.5\text{ W}$

1.	446.00625 MHz	2.	446.01875 MHz
3.	446.03125 MHz	4.	446.04375 MHz
5.	446.05625 MHz	6.	446.06875 MHz
7.	446.08125 MHz	8.	446.09375 MHz

### **Specific absorption rate (SAR)**

- WLTk0500BK – Maximum SAR values: 0.166 W/kg
- WLTk0800BK – Maximum SAR values: 0.127 W/kg

## **Safety**

### **General safety**

- Read the manual carefully before use. Keep the manual for future reference.
  - The manufacturer is not liable for consequential damages or for damages to property or persons caused by nonobservance of the safety instructions and improper use of the device.
  - Only use the device for its intended purposes. Do not use the device for other purposes than described in the manual.
  - Do not use the device if any part is damaged or defective. If the device is damaged or defective, replace the device immediately.
  - Do not modify the device in any way. Have a damaged device repaired by a qualified electrician.
  - The device is suitable for indoor use only. Do not use the device outdoors.
  - The device is suitable for domestic use only. Do not use the device for commercial purposes.
  - Do not use the device in locations with high humidity, such as bathrooms and swimming pools.
  - Do not use the device near bathtubs, showers, basins, or other vessels containing water.
  - Do not use the device in potentially explosive settings (e.g. around pumps, on the lower deck of a boat or in the vicinity of fuel-storage installations or chemical products).
  - Do not expose the device to extreme temperatures (temperature range: -20 °C ~ +55 °C).
  - Do not use the device on an airplane or in a hospital.
  - Do not use the device near a radio to avoid interference.
  - If you carry a personal medical device, consult a doctor before use.
  - To avoid the risk of burns, do not use the device if the antenna is damaged.
- Keep the device away from water and dust.

### **Battery Safety**

- Use only the batteries mentioned in the manual.
- Do not use old and new batteries together.
- Do not use batteries of different types or brands.
- Do not install batteries in reverse polarity.
- Do not short-circuit or disassemble the batteries.
- Do not expose the batteries to water.



- Do not expose the batteries to fire or excessive heat.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, remove the batteries when leaving the product unattended for longer periods.
- If the liquid from the batteries comes into contact with skin or clothing, immediately rinse with fresh water.

## Cleaning and maintenance

### Warning!

- Before cleaning or maintenance, always switch off the device, remove the mains plug from the wall socket, and wait until the device has cooled down.
- Do not use cleaning solvents or abrasives.
- Do not clean the inside of the device.
- Do not attempt to repair the device. If the device does not operate correctly, replace it with a new device.
- Do not immerse the device in water or other liquids.
- Clean the outside of the device using a soft, damp cloth. Thoroughly dry the device with a clean, dry cloth.

### Support

If you need further help or have comments or suggestions, please visit [www.nedis.com/support](http://www.nedis.com/support)

### Contact

NEDIS B.V., De Tweeling 28, 5215 MC 's-Hertogenbosch, The Netherlands

## Documents / Resources



[nedis WLTk0800BK Walkie Talkie Set](#) [pdf] Instruction Manual  
WLTk0800BK Walkie Talkie Set, WLTk0800BK, Walkie Talkie Set, Talkie Set

## References

-  [We're here to help! | Smart Customer Support | Nedis](#)
- [User Manual](#)

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