# Outdoor 8000

Duo Case / Quad Case

User guide

Your connection to the world

# Welcome to DeTeWe

Thank you for choosing the DeTeWe Outdoor 8000.

The Outdoor 800 is a walkie-talkie with low power consumption and no operating costs, except for the minimal cost of recharging the batteries.

The Outdoor 8000 transmits Private Mobile Radio and can be used in any country.

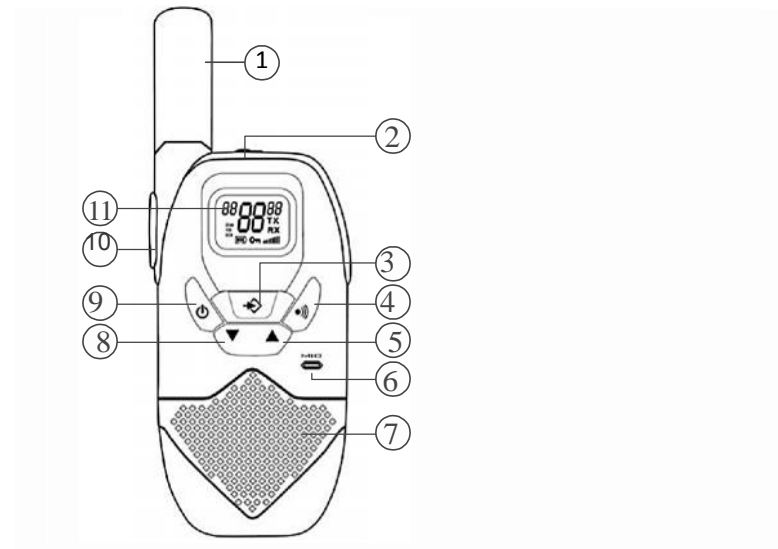The following guides you through using your Outdoor 8000 and answers all important questions.

Additional information can be found at:

**www.detewe-home.de**

On the Support page along with updated instructions and information.

We hope you enjoy your Outdoor 8000.

## Operational controls and Display



1   Antenna

2   Headset port

3   Menu button         - for accessing the menu

4   Call button         - emits a ringer tone

5   Up button           - increases the volume
                        - Scrolls to next menu item

6   Mic

7   Speaker

8   Down button         - decreases the volume
                        - Scrolls to previous menu item

9   On/off button

10  Talk button         - press to talk / release button to listen
                        - confirms a setting in menu

11  Display
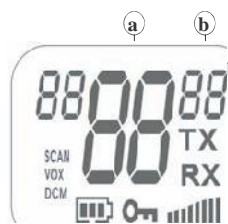
a = channel / b = CTCSS Code



**TX** - is displayed, if transmitted.

**RX** - is displayed, if received.

⊪⊪ - Speaker volume

🔒 - Keypad lock enabled

▥ - Battery status indicator

**VOX** - Vox mode enabled

**SCAN** - Scan Mode active

**DCM** - Dual Scan Mode active

## Contents

# Handling the device

## Intended use/declaration of conformity

The Outdoor 8000 can be used both for industrial as well as private use, for example as a means of communication between two or several car drivers, bike riders or skiers.
Or you can use it to talk to your children when they are playing outdoors etc.

> **Limitations:**
> **Check the local regulations before using the device in a country, if it is not purchased in the same country. This standard or radio communication could be prohibited in your country.**

The CE mark on the device, packaging and in the user guide indicates that the device corresponds with all essential requirements of the R&TTE Directives 1995/5/EC.

The declaration of conformity can be viewed in the Internet at http://www.detewe-home.de.

## Safety instructions

Read carefully the following safety instructions and specifications for correct use of the device. Acquaint yourself with all the functions of this device.  Keep this user manual for later use.

- Do not touch the antenna if the antenna cover is damaged, because touching the antenna with skin during transmission may cause minor burns.
- Rechargeable batteries/batteries can damage properties by burning for example, if conductive materials such as jewellery, key or chain with come into contact with free poles. The material forms an electric circuit (short circuit) under such circumstances and this gives rise to heat. Be careful while dealing with charged rechargeable battery / batteries, particularly if it is put into a pocket, purse or in another container with metal objects.
- Do not place the device on the airbag or airbag releasing area. Airbags blow up with a great impact. If the walkie-talkie

Is located within the airbag releasing range and the airbag is blowed open, then the device can be hurled by the vehicle with huge impact and cause severe damages.
- Keep the walkie-talkie at least 15 cm away from a cardiac pacemaker.
- Immediately switch off your walkie-talkie if it causes disruption to medical devices.
- Never replace the rechargeable battery/batteries in an explosive environment. The spark contact may lead to an explosion during the insertion or removal of the rechargeable battery/batteries.
- Switch off your walkie-talkie if you are in an explosion-prone zone. Formation of sparks in such environments may cause an explosion or fire which may lead to injury or even death.

> **Explosion-prone areas are often but not always clearly distinguished. This includes tank areas such as under deck on ships, fuel or chemical conveyance or storage areas; switch off the device in such areas, wherein the air contains chemicals or particulate materials, such as corn, dust or metal powder; as well as in all other areas in which they are usually found and your vehicle engine.**

- Never throw the rechargeable battery/batteries in fire, as they can explode.
- Store the rechargeable battery/batteries out of reach from children.
- In a few countries it is prohibited to use a walkie-talkie while driving. Observe these regulations before using the device.
- Switch OFF your device, when you receive the instructions while boarding the aircraft. The device must be used in accordance with the airline rules and instructions of crew.
- Switch OFF your device where information sign instructs you to do so. Hospitals and medical institutions possibly use such devices that are sensitive to external high frequency.
- The replacement or alteration of antenna can modify the PMR specification and violate the CE regulations. Unapproved antennas can also damage the walkie-talkie.
- Do not touch the antenna during a transmission, since this may influence the range.
- Remove the rechargeable battery/batteries if the device shall not be used for a long period.

### Operating with rechargeable battery/batteries

• If you want to achieve an operating time which could not be obtained via battery supply to the device without interim charging, you can use AAA batteries.

• Charging with table charger is possible only if the battery pack is used in the walkie-talkie.

### Cleaning and maintenance

• Clean the device with a soft, slightly moist cloth. Do not use any cleaning agent or solvent. This can damage the housing and enter the device thereby causing permanent damage.

• The battery contact can be wiped clean with a dry lint-free cloth.

• If the device becomes wet, then switch it off and immediately remove the rechargeable battery/batteries. Dry the battery compartment with a soft cloth to minimize potential water damages. Let the battery compartment remain open till it is completely dried. Use the device only when it is completely dried.

### Disposal instructions (Environmental protection)

The device may not be disposed in the domestic waste once its life span has expired. Bring it to a collection point for recycling electrical and electronic equipments. The symbol on the product, user guide and / or packaging indicates this.

Some materials of the product can be reused if you take it to a recycling centre. You can make an important contribution to the environment by recycling some parts or raw materials of the used products.
Please contact your local authorities if you need more information on the recycling centre in your area.

### Disposing of batteries/rechargeable battery pack

A legal obligation to return applies on all consumed batteries and rechargeable batteries; they may not be disposed off in domestic waste. Dispose the batteries/ rechargeable batteries in accordance with the official ordinances. Recycle them. The batteries/rechargeable batteries are recycled because they contain Nickel - Cadmium (Ni - Cd), Lead (Pb), Cadmium (Cd) or Quicksilver (Hg) for example.

The batteries/rechargeable batteries are marked with symbols and their

substance for example:

### Operating the walkie-talkie

In order to communicate via walkie-talkie, you must set it on the same channel and within the range of reception (up to max. 9 km outdoor).
Since this device uses free channels, all the devices in operation share these channels (total 8 channels). Therefore, privacy is not guaranteed.
Anyone who has a walkie-talkie set to your channel can hear your conversation. Press PTT button if you want to talk (establish voice communication).
Once this button is pressed, the device switches to transmit mode and you can speak into the microphone. All walkie-talkies set on same channel within the range and in Standby mode (not in the transmit mode) will hear your message. You need to wait till the other side has completed the transmission before you can reply. The device emits a sound signal at the end of each transmission. Press the PTT button to answer and speak into the microphone.

If the PTT button is pressed by two or more users at the same time, then the receiver receives only the strongest signal. All other signals are suppressed. Therefore only one signal must be transmitted (press PTT button), when the channel is free.

The range of radio waves is strongly influenced by obstructions such as buildings, concrete and metal structures, unevenness in the territory, forest cover, plantations etc. This implies that the range between two or several PMR devices can be limited to a few dozen meters in extreme cases. You will soon discover that a PMR works best if there are only a few obstructions between the users.

## Start up

### Included in the delivery

This user guide applies to the DeTeWe Outdoor 8000 Duo Case and DeTeWe Outdoor 8000 Quad Case.
Check the contents of packaging for completeness:

| | Device version Duo Case QuadCase | |
|---|---|---|
| Walkie-talkie | 2 | 4 |
| Belt clips | 2 | 4 |
| Battery packs | 2 | 4 |
| Special headsets | 2 | 4 |
| Table charger | 1 | 2 |
| Mains adapter | 1 | 2 |
| User guide | 1 | 1 |
| Carrying and storage case | 1 | 1 |

### Removing / attaching the belt clip

- To remove the belt clip from the device, press the belt clip (B) in the direction of antenna while pulling it in the lug of the clip. (A).

- If you want to re-attach the belt clip, a click indicates that the belt clip is snapped into its place.

### Inserting the battery pack

- Remove the belt clip.

- Open the latch tab (C) and push off the cover of battery compartment.

- Insert the rechargeable battery pack. Observe the specified polarities while inserting. Make sure that the metal contact lies above the battery pack (D) to establish a contact for battery compartment cover.

- Mount the battery compartment cover and the belt clip.
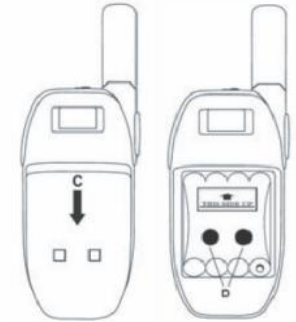
### Charging battery

After installing the battery pack, you can easily set the device for charging on the charging station.

- Place the charging station on a flat surface.

- Insert the end of provided mains adapter in the wall socket and the other end in the port on the back side of the charging station.

- Adjust the walkie-talkie as illustrated in the charging station.

- The charging LED lights up if the device is inserted correctly and is being charged. It takes around 8 to 10 hours to fully charge the battery pack.
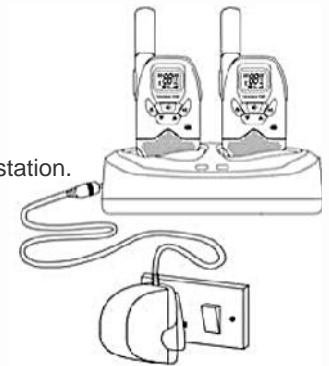
> **Do not bypass the rechargeable batteries or throw them in fire. Remove the rechargeable battery when the device is not used.**

### Rechargeable battery/battery status indicator

The rechargeable/battery status is indicated with the number of segments in battery symbol of the display.

| | |
|---|---|
| 🔋 | Battery full |
| 🔋 | Battery 2/3 full |
| 🔋 | Battery 1/3 full |
| 🔋 | Battery flat |

If the battery is low, then the battery icon flashes which indicates that the batteries must be replaced or recharged.

## Using the walkie-talkie

### Stopwatch

- Keep the button ⟳ pressed for 4 second to retrieve the Stopwatch mode.

- Press ▲ , to start the stopwatch.

- Press ▲ , to stop the stopwatch.

- Press ▼ , to reset the counter.

- Keep the button ⟳ pressed for 4 seconds to exit the Stopwatch mode.

### Turning on/off the device

- To turn on: Keep the button ⏻ pressed. The device emits a signal tone and the display indicates the set channel, CTCSS Code and time.

- To turn off: Again keep the ⏻ button pressed. The device emits a signal tone and nothing is indicated in the display.

### Adjusting the volume of speaker

The volume of the speaker can be adjusted with the ▲ and ▼ buttons.
The adjusted volume of the speaker is indicated on the display.

### Receiving signal

The device is always in Receive Mode when it is not switched and transmitting. If it is receiving a signal in set channel and CTCSS, the RX icon appears in the display.

> **You must set your device to the same channel and CTCSS code so that other parties can receive your transmission.**

### Transmitting signal

- Keep the PTT button pressed to transmit.

- Keep the device vertical, position the microphone 10 cm from the mouth and speak in the microphone.

- Release the PTT button when your transmission has ended.

### Changing channels

The walkie-talkie has 8 channels.
To change the channels

- Press ⟳ once. The current channel flashes in the display.

- Press ▲ or ▼ , to adjust the channel.

- Press PTT , to confirm the selected channel and return to the Receive Mode.

- Press ⟳ to confirm and jump to the next option.

## CTCSS (Continuous Tone Coded Squelch System)

The 2 digit CTCSS code corresponds to a specific tone frequency transmitted by the radio. Two users of the same channel and CTCSS code can hear each other. You can hear no one else who transmits on the same channel, except those who had selected the same CTCSS code.

The walkie-talkie has 38 CTCSS codes.

- Press ⊛ twice. The CTCSS Code flashes.
- Press ▲ or ▼ button to set another code.
- Press PTT, to confirm the setting and return to the Receive Mode.
- Press to confirm and jump to next option. ⊛

## Monitor

You can search weaker signals in current channel with the Monitor function.

- Press ⊛ and ▼ at the same time to enable channel monitoring.
- Press PTT, to terminate monitoring.

## VOX mode

The walkie-talkie is suitable for voice powered (VOX) transmissions. In VOX mode, the radio transmits a signal if it is activated by your voice or other sound in your vicinity. VOX mode is not recommended if you want to use your radio in a noisy or high-wind environment.

- Press ⊛ thrice.
- Press ▲, to enable VOX Function (ON) and press ▲ again to set the VOX sensitivity, which is indicated in the right corner of the display. Press ▼, till OFF appears on the display, to switch off the VOX Function (OFF).
- The VOX icon is displayed in VOX Mode.
- Press PTT, to confirm the selection and return to Receive Mode.

## Channel search

The channel search function searches in infinite loop in channels 1 to 8 as per active signals.

- Keep the button ⊛ pressed. Press the ▲ button briefly to start the scanning procedure.
- Release the button.
- If the active signal (in one of the 8 channels) is found, then the channel search is interrupted and you will hear the active signal.
- Press PTT to communicate via active channel. Press ▲ continue the channel search.

## Ringer

A ringer notifies the other party whether he would like to speak.

### Adjusting the ringtone
You can select 5 different ringtones.

- Press ⊛ four times. **CA** appears in the display.
- Press ▲ or ▼, to select another ringtone or select **OFF**, to disable the ringtone.
- Press PTT, to confirm the selection and return to the Receive Mode.

### Transmitting a ringtone
Briefly press the button. ⊛))) The ringtone is transmitted to the set channel for three seconds.

### Confirmation tone (Roger Beep) on/off

After the $\overparen{PTT}$ button has been released, the device emits a confirmation tone so that the receiver can identify that his message has ended. At the same time, an audio signal is emitted for the sending party which implies that the send button was operated correctly.

- Press $\overparen{\Leftrightarrow}$ five times. **ro** appears on the display.
- Press $\overparen{\blacktriangle}$ to activate the confirmation tone (ON) or $\overparen{\blacktriangledown}$ to deactivate (OFF).
- Press $\overparen{PTT}$ to select the option and return to the Receive Mode.

### On/off touch tone

With active touch tone, the device bleeps for a short period if a button is pressed.

- Press six times. **to** appears on the display. $\overparen{\Leftrightarrow}$
- Press $\overparen{\blacktriangle}$ to activate the touch tone (ON) or to $\overparen{\blacktriangledown}$ deactivate (OFF).
- Press $\overparen{PTT}$, to select the option and return to the Receive Mode.

### Dual Channel Monitor Function (DCM)

In Receive mode, the walkie-talkie is set on a channel with CTCSS Code. The walkie-talkie receives the transmitted signal only in this channel and with this CTCSS-Code. You can receive another channel with CTCSS Code with Dual Channel Monitor function.

- Press $\overparen{\Leftrightarrow}$ seven times. **DCM OFF** appears on the display.
- Press $\overparen{\blacktriangle}$ or $\overparen{\blacktriangledown}$, to adjust channel.
- Press $\overparen{\Leftrightarrow}$, to confirm channel selection and retrieve menu item SELECT CTCSS SUB-CHANNEL (SUB CHANNEL SELECTION).
- Press $\overparen{\blacktriangle}$ or $\overparen{\blacktriangledown}$, to adjust CTCSS Code.
- Confirm with $\overparen{PTT}$.

Select **OFF** to turn off this channel selection function. If the Dual Channel Monitor function is activated, the walkie-talkie alternates back and forth between the Standby channel + CTCSS and the Dual Channel + CTCSS.

### Keypad lock

- Press the $\overparen{\blacktriangle}$ and $\overparen{\blacktriangledown}$ button together for 4 seconds to enable the keypad lock.
  The $\text{O}\!\!-\!\!\pi$ symbol appears on the display.
- Press the $\overparen{\blacktriangle}$ and $\overparen{\blacktriangledown}$ button together once again to disable the keypad lock.

## Using the Headset

Your DeTeWe Outdoor 8000 walkie-talkie set comes with high quality special headsets (also called as Air Tube headsets) designed for secure grip and maximum possible shielding of environmental noise.

To use, connect the headset to the headset jack on your walkie-talkie (see picture in front) and insert the earplugs either in the right or left ear.

While using later, take note that the volume is adjusted in such a way that it does not damage your sense of hearing. The air tube of the headset hose can be led down behind the ear.

For further improvement of grip, you have the option to attach the headset on your clothing by means of a clip. The same applies to the microphone fixed on the cable.

The microphone is equipped with a button that must be pressed in order to talk. This substitutes the PTT button on walkie-talkie when headset is connected. Like radio, the headset also supports the VOX function. This enables you to talk without pressing a button (see page 10).

## Service and Warranty

No cost is charged for repairing events covered under warranty during the period of 24 months from the date of purchase. The warranty on batteries is limited to 6 months. Wearing parts or defects which only slightly affect the value or usability of the device are not covered by the warranty.

The warranty claim must be proven by presenting the original sales receipt, on which the date of purchase is clear.

The warranty will be provided by repair or replacement of device within the warranty period in one's sole discretion.

The warranty period is not extended automatically, the original warranty period of the first device remains active, which ends after 24 months. The damages or defects caused by improper handling or use as well as defects caused by using non-genuine parts are not covered by warranty. Warranty does not cover damage caused by external influences such as lightning, excess voltage, humidity, fire, etc.

### Declaration of conformity and Manufacturer

IVS GmbH
Im Frauental 14
92224 Amberg

The conformity of the device with the essential requirements of R&TTE Directive is confirmed by the CE mark.

The declaration of conformity is stored at the internet address mentioned below and it can be viewed or downloaded from here:

**www.detewe-home.de**

As a part of product improvement, the manufacturer reserves the right to execute changes in the product and functioning without prior notice
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