

**Quick Start Guide**  
**P-TEC “Gotthard”**



**Important Notice**

This product has been designed and manufactured so that it does not represent a personal safety hazard for the user. Any misuse can lead to electric shock or fire. The built-in protection mechanisms of this product can only protect the user if these instructions are followed during installation and maintenance:

Read these operating instructions completely.

Heed all warnings and instructions.

Do not use this product near water.

Only clean the product with a dry cloth. Never use any fluids!

Do not cover any ventilation holes. Install in accordance with the manufacturer's instructions in this User Manual.

Do not place the device near heat sources such as radiators, ovens or other appliances emitting heat.

Cables should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, receptacles, and the point where they exit from the appliance.

During a thunderstorm or when not using the device for a long time, unplug the power adapter from the wall outlet.

Maintenance and repairs should be carried out only by authorized service providers. Servicing is required when the unit has been damaged in any way, for example when the power cord or plug is damaged, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally or has been dropped.

The device must be used at temperatures between 5 °C and 35 °C.

Do not drop or expose the device to shock or vibrations.

Do not move the device while powered on.

To avoid any fire, electric shock or damage to the device, install the product on a flat, even and dry surface.

Do not place any containers containing liquids (such as vases) on the product or next to it.

If the device has been subjected to strong temperature variations, leave it disconnected for about one hour. Moisture can have formed inside the device that could cause malfunctions or damage to the device.

## Overview

### Front Panel



Top button row:

Station presets 1 to 5

Bottom button row:

MODE – use this button to toggle between DAB/ DAB+ cable and FM.

MENU – use this button to open the radio menu.

INFO – use this button to display information about the current station.

ALARM – use this button to open the alarm settings (briefly press) or sleep timer settings(long press).

SELECT – use this button to make selections in the menu.

LEFT DIAL KNOB – ROTATE = Volume; BREIFLY PRESS = Mute/Unmute ; LONG PRESS=Switch the device ON/OFF..

RIGHT DIAL KNOB – ROTATE = MENU selection; PRESS = ENTER (to confirm).

## Rear Panel



TELESCOPIC ANTENNA – to receive terrestrial DAB+ and FM radio stations.

F- CONNECTOR – to connect to your cable network.

TOGGLE SWITCH – to toggle reception between terrestrial (aerial) and cable programmes.

(SET TO CABLE BY DEFAULT)

USB – only for firmware updates.

LINE-OUT – to connect the device to a HiFi equipment.

POWER INPUT – to connect the radio to the supplied power adapter.

## **Connecting**

Connecting the radio is very simple:

Connect the supplied power adapter to the device power input socket.

Connect the supplied cables to your cable network.

For terrestrial radio reception, swivel the telescopic antenna upwards and unfold it completely.

Next connect the power adapter to a wall outlet. The device is now in standby mode.

**Press the left dial knob on the device front panel. The device will start a first station scan in DAB+ mode. This station scan can take up to 30 seconds. The automatic station scan is only performed once upon first-time setup.**

## **Use**

### **Receiving DAB+ / DAB stations**

#### *Switching to DAB+ mode*

The current operating mode of your radio (FM or DAB+) is shown in the upper right corner of the display. If your device is not in DAB+ mode, press the MODE button on the panel and select DAB+. Use the right dial knob to confirm your selection.

#### *Scanning for stations*

To start the automatic station scan, press the Menu button on the panel and use the Select button to choose Full Scan. The radio starts scanning the entire frequency range. Use the antenna switch on the back panel to select whether you want to scan for terrestrial (aerial) or cable stations.

#### *Opening the station list*

Rotate the right dial knob. This opens the station list. While you rotate it, the list of available stations is shown. You can select a station by pressing the dial knob.

#### *Purging the station list*

If your DAB+/DAB station list contains any stations marked with a question mark, the reception conditions have changed and the marked stations cannot be received at this time. To remove one or more of these stations from the list, use the menu function: PRUNE

## **Receiving FM station**

### ***Switching to FM mode***

The current operating mode of your radio (FM, DAB+ or Menu) is shown in the upper right corner of the display. If your device is not in FM mode, press the MODE button on the panel.

To start the automatic station scan, press the SCAN button on the panel. The radio will find the next available station for you.

Manual scan: Briefly press the right dial knob. Then rotate it to tune in the desired frequency manually.

### **Advanced operation**

The following functions are identical for the DAB+ and the FM operating modes.

### **Storing a station as favourite**

If you have tuned in a station that you like and you want to recall it later on without having to search it manually, you can save it as a favourite.

Press and hold one of the five preset buttons for three seconds. To tune in this station at a later time, just briefly press the same preset button. You can store up to 5 DAB+ and 5 FM stations.

### **Adjusting the volume**

To adjust the playback volume, rotate the left dial knob anticlockwise (lower volume) or clockwise (higher volume).

### **Showing additional information**

Press the INFO button to display information about the tuned in station. The information available may vary from station to station.

### **Settings**

Press the MENU button to show the radio main menu.

Here you can find the following submenus:

#### ***DAB+ menu***

Senderliste: Opens the station list. If a question mark is shown before the station, it cannot be received at this time.

#### ***Suchlauf***

Performs an automatic station search along the entire frequency range and adds the found stations to the station list.

#### ***Manueller Suchlauf***

Allows you to tune in the frequency manually. Currently the FM menu does not contain any specific submenus and therefore directly jumps to the reception of the set FM frequency.

## **The Setup menu**

### *Sprache*

You can choose a language for the menu.

### *Uhrzeit*

Here you can choose between the different formats for displaying the date and time. It also allows you to set the date and time manually.

### *Wecker stellen*

You can open this option by pressing the ALARM button. Here you can choose between two alarm times that you can set independently from each other. You can also set different volumes for each alarm. You can further switch "On" and "Off" each alarm time.

### *FM Sucheinstellung*

For FM band reception, here you can set if you only want to auto scan for strong signals with good quality or if you also allow weaker stations during station scan.

### *PRUNE*

If your DAB+/DAB station list contains any stations marked with a question mark (meaning that your radio can't receive them at this moment), you can remove them permanently from the station list. If you want to add them again to the station list, for example, after you have moved to a different location or you have switched from terrestrial to cable reception, you have to start a new station scan.

### *DRC*

DRC means Dynamic Range Compression (DRC) This lets you narrow volume differences between the different DAB+/DAB stations, allowing you to enjoy a more homogeneous listening experience.

### *SW Version*

This option shows the current software version installed on your device.

## **Firmware Upgrade**

**If you need to upgrade the firmware, please read this section carefully. If you are not sure about this function, please contact our support hotline. Upgrading the firmware is normally not necessary, or only in rare situations. If problems arise during the firmware upgrade and the device stops working, this is not covered by the warranty and considered to be an out-of-warranty repair.**

The device has an USB port for upgrading the firmware.

This USB port exclusively is for firmware upgrade and does not support any other transfer of data.

### *Preparation*

Ask the manufacturer for any firmware upgrades and use only the specific files from the manufacturer. It is possible that the manufacturer gives you a download link.

Download the current firmware and extract it in the root folder of a USB stick. Do not extract the files into a subfolder. Also, the USB stick must be formatted with the FAT32 file system. The radio does not support any other formats.

It is possible that the firmware upgrade also restores the device to the factory defaults. This means that your custom settings may get lost. Unfortunately, this is sometimes necessary in order for the device to be put to the latest version.

### ***The flashing process***

1. Unplug the device from the wall outlet, it has to be switched off completely.
2. Press and hold the button 1. Switch the radio on (while keeping button 1 pressed). The message "USB F/W Upgrade" will appear on the display.
3. Insert the prepared USB stick into the USB port on the device back panel.
4. A progress bar indicates the progress of the flashing process. Make sure not to interrupt this process. The device must not be switched off during the upgrade and also the USB stick must not be removed, otherwise irreversible damage can occur to the device.

If no progress bar is shown, the USB Stick is not properly detected. Please double-check if the USB stick has been inserted properly. If it is, carefully repeat the steps in section "Preparation" of this User Manual.

5. After the firmware has been updated successfully, "Done" briefly appears on the display.

Unplug the device from the wall outlet for a few seconds and reconnect it.

Then you can remove the USB stick and use the device normally.

**THE MANUFACTURER RESERVES THE RIGHT TO CHANGE THE DESIGN AND THE OPERATION.**

**PLEASE CHECK THE INFORMATION ON THE MANUFACTURER WEBSITE.**

### **Warranty**

Dear Customer,

The device has been carefully produced based on strict quality guidelines and stringently tested prior to delivery. However, unexpected defects or material fault may always occur.

Therefore you have a 24-month warranty on this device from the purchase date. If this product is faulty, your statutory rights apply against the vendor of the product. These statutory rights are not affected by our warranty.

### **Warranty terms**

The warranty period shall commence on the purchase date. Please keep your original receipt in a safe place. This is required as a proof of purchase.

If a material or production fault occurs in this product within 24 months of the purchase date, we shall repair the product free of charge.

This warranty requires that the defective device has to be sent to the service centre together with the original proof of purchase and a brief description of the fault within these 24 months.

If the fault is covered by our guarantee, you will receive the repaired product or a replacement device.

The warranty period shall not begin again if the product is repaired or replaced.

A. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

B. Use only power supplies listed in the user instructions: <Trade mark:Flypower>, <model name:PS30D180K1000ED>, <Input:AC 100-240V 50/60Hz>, <Output:DC 18.0V 1000mA>

### **Processing of guarantee claims**

Contact our support. Halten Sie dazu den Kaufbeleg ihres Gerätes bereit. Our support may already be able to solve the problem. If the problem cannot be solved, you will receive instructions on where to send the device to.

Your P-TEC -Team

Manufacturer:

Palotec AG Frikartstrasse 3 4800 Zofingen (Switzerland)

Support: [info@palotec.ch](mailto:info@palotec.ch)

You can find the information about CE Conformity on the website of the manufacturer.