⊗PERFECTPRO

Operating instruction	GB
Mode d'emploi	F
Gebruiksaanwijzing	NL
Bedienungsanleitung	D

SOLOWORKER FM

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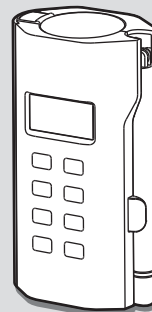
WARNING!

WARRANTY BECOMES VOID ONCE THE DEVICE CABINET HAS BEEN OPENED OR ANY MODIFICATIONS OR ALTERATIONS TO THE ORIGINAL DEVICE HAVE BEEN MADE

Important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet. Consult an electrician for replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged. liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14. To Reduce the Risk of Fire or Electric Shock, Do not Expose This Appliance To Rain or Moisture.

15. The Shock Hazard Marking and Associated Graphical Symbol is provided on the rear of unit.

16. Excessive sound pressure on ear- and headphones could impair the hearing ability. Higher setting that idle on the equalizer leads to higher signal voltages on the output for ear and headphones.

17. The power plug should be close to the radio, and easy to be approached that during the emergency, to disconnect the power from the radio, just unplug the power plug from the AC power slot.

18. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnected device shall remain readily operable.

19. This apparatus is provided with protection against splashing water and dust ingress (IP64).

20. Use only the AC/DC adaptor which is provided by the manufacturer.

21. The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

22. To prevent possible hearing damage, do not listen at high volume levels for long periods.

3

4
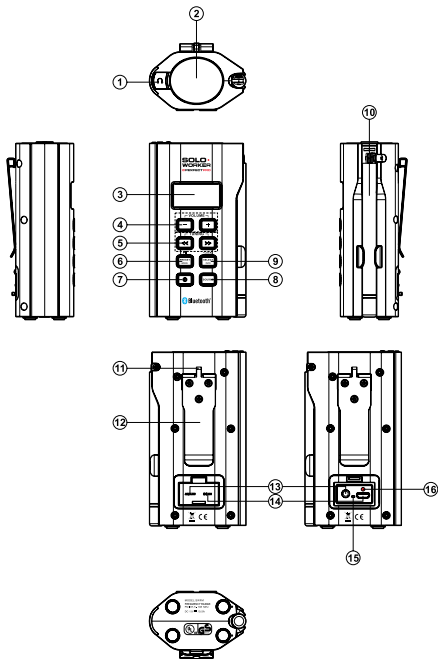
Controls

① Headphone socket

② Loudspeaker

* 360 DEGREES SOUND

The unique Neodymium speaker located on top of the radio provides a 360 degrees sound image.

Suggestion: If preferred, place the radio in a corner or close to a wall for additional sound reflection.

③ LCD display

④ Volume up/down button

⑤ Tuning up/down button

⑥ Preset button/Menu button/Play/Pause button

⑦ Power button

⑧ Source button

⑨ Select button/Info button

⑩ Rod antenna

⑪ Strap holder

(Note: the strap holder on top of the clip is intended for a key ring/hook)

⑫ Clip

⑬ Aux in socket

⑭ DC IN socket (micro-USB)

⑮ Adaptor power on LED indicator

⑯ Upside indicator for the micro-usb plug

Charging the radio

This unit features a built in 1850mAH Lithium rechargeable battery to power the radio.

Before operating the radio for the first time please fully charge the battery with a supplied 5V/500 mA AC adaptor.

Carefully insert the mini-usb plug into the DC IN socket on the rear of your radio. A red dot on the mini-usb plug indicates the upside of the mini-usb plug. This red dot is also indicated above the mini-usb socket. Plug the adaptor into a standard mains outlet and the radio will begin charging the built in battery.

The red LED next to the DC IN socket will light showing that the radio is currently powered by an adaptor. The battery icon will be animated on the display showing charging in progress. The animation of the battery icon will stop when the battery is fully charged. The radio can only be charged with radio off. Charging time is approx. 4 hours. The battery life is approx. 4 to 10 hours* listening through the speaker and approx 6 to 15 hours* with headphones. Reduced power, distortion, 'stuttering' sounds or battery power indicator in "low"☐ are all signs that the battery needs to be recharged.

IMPORTANT:

The mains adaptor is used as the means of connecting the radio to the mains supply. The mains socket used for the radio must remain accessible during normal use. In order to disconnect the radio from the mains completely, the mains adaptor should be removed from the mains socket outlet completely.

Safety Note: Never use charge or operate the radio on AC mains power in rainy or moist conditions to prevent moist from entering the radio. Always keep the rubber cover on the back well closed under these conditions.

* Note to battery life: This is a rough indication only as actual achieved battery life depends on many factors such as: selected volume, music type (bass heavy music consumes more energy), selected music source or radio band, selected EQ settings, temperature and age of the battery.

Battery status indicator

To check the current battery level, press the Power button to switch on the radio and the battery icon will show the current battery level.

(▆▆▆) Battery is fully charged (more than 85% of battery capacity)

(▆▆▌) Battery is partially charged (more than 70% of battery capacity)

(▆▌) Battery is partially charged (between 50-60% of battery capacity)

(▆▌) Battery is partially charged (between 30-40% of battery capacity)

(▌▌) Low battery and charging is needed (less than 25% of battery capacity)

(▌) Battery life will be run out soon and charging is needed immediately.

Note:

The optimium working life from the built-in battery will be obtained if it is kept topped up by recharging after each use of the radio, even if it is only partially discharged. The battery's working life will be reduced if the product is left in a discharged condition for a long period of time.

Operating your radio- FM (Manual tuning)

1. Carefully straighten the rod antenna and turn on the radio by pressing the Power button.
2. Press the Source button to select FM radio mode.
3. Press the Tuning up/down button to control the frequency that the radio will tune to. The frequency will change in steps of 50KHz. When the end of the waveband is reached the radio will recommence tuning from the opposite end of the waveband.
4. Press the Volume buttons to adjust the sound level as needed.

Scan tuning- FM

1. Press and hold the Tuning up/down button.
2. The radio will search in an upwards or downwards direction until it finds a station of sufficient signal strength.

Service information FM RDS

Your radio has a range of display options when in FM mode:
1. Press the Info button cycle through the different options.
   a. **Radio text-**Displays scrolling text messages such as artist/track name, phone in number etc.
   b. **Program type-**Displays the information for the station being listened to e.g. Pop, Classic. News, etc.
   c. **Frequency-**Displays the frequency of the FM signal.
   d. **Audio type-**Displays the audio type of the station being listened to
   e. **Date-**Displays the current date.

8

Note:

If no RDS information is available, then the radio will only be able to display the frequency.

There will be no text or program type information available under these conditions. The radio only provides displays when there is information available.

Presetting stations- FM

You may store your preferred FM radio stations to the preset station memories. There are 20 memory presets in your radio. Presets are memorized by your radio in the event of a power failure.

1. Tune to the required station following the above steps.
2. Repeatedly press and release the Preset button until 'Store MEM is shown at the bottom of the display.
3. Press the Tuning up/down button to select your required preset number. The preset number flashes on the top right corner indicating the preset is still empty. Press the Select button to store the currently tuned station. The display will show 'MEM stored' when the station is stored to the preset station memory. Repeat this procedure for the remaining presets.

Note:

Stations stored in preset memories may be overwritten by following the above procedure.

Recalling a preset station- FM

1. Press the Source button to select FM radio mode.
2. Repeatedly press and release the Preset button until 'Browse MEM' is shown at the bottom of the display.
3. Press the Tuning up/down button to select your required station.

Note:

The display will only show the preset number which has preset stored.

Menu functions- FM

1. Repeatedly press and release the Menu button until the radio reverts to normal display (i.e. without showing 'MEM Browse' or 'MEM Store' at the bottom of the display).
2. Press and hold the Menu button to enter FM menu list. Then press the Tuning up/down button to scroll through the following options: EQ setting/Scan setting/Audio setting/ System.
A) EQ setting: The sound on your radio can be adjusted to suit your personal taste for the material that you are listening to. The radio has 5 preset equalizer modes. Alternatively, you may set the treble and bass levels to your own preferences.

Press the Tuning up/down buttons to cycle through the preset mode. Press the Select button to confirm your selection.

a) Normal: no tone modification is applied

b) Rock

c) Soul & Jazz

d) Classical

e) Spoken word

f) My EQ: select this mode and you can go to 'My EQ setting' to adjust the treble/bass tone.

My EQ setting: If you find the preset equalizer functions not to your liking, you may set up a custom treble and bass as following:

1) Follow the step above to enter" My EQ setting".

2) Press the Tuning up/ down button to select Treble or Bass. Then press the Select button to enter the adjustment mode.

3) Press the Tuning up/ down button to adjust the treble or bass level (-5 and +5). Press the Select button to confirm the setting.

Note:

To quickly cancel the effect of My EQ, press the Tuning up/ down button until 'Normal' is highlighted on the display and press the Select button. The treble and bass settings will be memorized for the next time that you wish to use the My EQ setup.

B) Scan setting: Your radio includes options for the auto-search function. By setting the radio to the 'Strong stations' scan option, weaker signals from more distant transmitters can be ignored by the radio, making stronger signals easier to find.

Press the Tuning up/down button to choose between 'Strong stations' (Strong stations only) and 'All stations' (All stations including weak radio stations) options. Then press the Select button to confirm the setting. The current setting is indicated with a tick.

C) Audio setting: If the FM radio station being listened to has a weak signal, some hiss may be audible. It is possible to reduce this hiss by forcing the radio to play the station in mono rather than auto.

Press the Tuning up/down button to select the options between 'Mono' and 'Auto'. Then press the Select button to confirm your selection. Press the Menu button to return to the previous menu.

D) System: press the Select button to select from the following settings

● **Time/Date**

Set Time/Date

1) Press the Tuning up/down button until 'Set Time/Date' is highlighted. Then press the Select button to enter the time setup. The day digits will flash.
2) Press the Tuning up down/button to select correct day. Press the Select button to confirm the setting. The month digits will flash.
3) Follow the same procedure above for the month/year/hour/ minute setting.

Automatically updating the clock

Press the Tuning up/down button until 'Auto update' is highlighted. Then press the Select button to confirm the selection. Press the Menu button to exit to the previous menu display.

Setting the clock format: The clock display: The clock display can be set to 12 or 24 hour format.

1) Press the Tuning up/down button until 'Set format' is highlighted on the display. Press the Select button to enter the clock format menu.

2) Press the Tuning up/down to select either 12 or 24 format. Press the Select button to confirm your choice.

● **Contrast:** the contrast of the display can be adjusted.

Press the Tuning up/down button to adjust the contrast. The contrast level indication on the screen will change at the same time. When you find the setting that gives the best legibility for the location in which the radio is used, press the Select button to save the setting.

● **Language:** your radio can be configured to a different language.

Press the Tuning up/down button until your required language is highlighted on the display. Press the Select button to confirm your choice.

● **Factory reset:** by performing a factory reset, all user entered settings will be erased.

Press the Tuning up/down button to select YES or NO. Select YES to erase all saved settings and all settings will revert to factory default.

● **SW version:** The software display cannot be altered and is just for your reference

Press the Select button to view the software version installed in the radio. Press the Select button again to revert to the previous menu.

13

Listening music via Bluetooth streaming

You need to pair your Bluetooth device with your radio before you can auto-link to play/stream Bluetooth music through your radio. Paring creates a `bond' so two devices can recognize each other.

Pairing and playing your Bluetooth device for the first time

1. Press the Source button until Bluetooth mode is selected. Bluetooth icon will flash on the display.
2. Press and hold the Menu button to enter the Bluetooth menu list.
3. Press the Tuning up/down button to select 'BT Discoverable'. Then press the Select button to confirm the setting. Your Soloworker FM is discoverable for pairing.
4. Activate Bluetooth on your device according to the device's user manual to link to the radio. Locate the Bluetooth device list and select the device named 'Soloworker FM.' With some mobiles (which are equipped with earlier versions than BT2.1 Bluetooth device), you may need to input the pass code "0000".
5. Once connected, there will be a confirmation tone and the Bluetooth icon will remain steady. The name of your Bluetooth device will also appear on the display. You can simply select and play any music from your source device. Volume control can be adjusted from your source device, or directly on your radio.

6. Press the Menu button to play/pause tracks or use the controls on your device.

(**Note:** If you press and hold the Menu button, it will enter Bluetooth setting menu.)

Note:

1) Bluetooth connectivity performance may vary depending on the connected Bluetooth devices. Please refer to the Bluetooth capabilities of your device before connecting to your radio. All features may not be supported on some paired Bluetooth devices.

2) The effective operation range between the system and the paired device is approximately 10 meters (30 feet). Any obstacle between the system and the device can reduce the operational range.

3) Not all player applications or devices may respond to the navigation control buttons.

4) With some mobile phones, making/receiving calls, text messages, e-mails or any other activities unrelated to audio streaming may mute the Bluetooth audio streaming or even temporarily disconnect from your radio. Such behavior is a function of the connected device and does not indicate a fault with your radio.

Display modes

Your radio has a range of display options when in Bluetooth mode. Note that the availability of information depends on the specific media format.

1. Press the Info button to cycle through the different options.

a. Track name	Displays the track information for the track currently playing
b. Artist	Displays the artist information for the track currently playing
c. Album	Displays the album information for the track currently playing
d. Date	Displays the current date

Playing a previously- paired device

This radio can memorize up to 8 sets of paired device, when the memory exceed this amount, the earliest paring device will be over written from the radio.

If your Bluetooth device already paired with the radio previously, the unit will memorize your Bluetooth device and it attempts to reconnect with a device in memory which is last connected. If the last connected device is not available, the radio will try to connect to the second last device.

Alternatively, you can select your required Bluetooth device in the memory.

1. Make sure Bluetooth of your previously-paired device is turned on.
2. Press and hold the Menu button to enter the Bluetooth menu list.
3. Press the Tuning up/down button to select 'Device List'. Then press the Select button to enter the setting menu.

4. Press the Tuning up/down button to select your required Bluetooth device and press the Select button to confirm the selection. Once connected, it will show 'BT connected' and the name of your Bluetooth device will appear on the display.

Disconnecting your Bluetooth device

Press the Source button to select any bands other than Bluetooth band or turn off Bluetooth on your Bluetooth-enabled device to disable the connection.

Playing music via auxiliary input socket

A 3.5mm Auxiliary input socket is provided on the rear of the unit to permit an audio signal to be fed into the unit from any devices that features a headphone or audio output, such as an iPod, MP3 or CD player.
1. Press the Source button to select Aux in mode.
2. Connect a stereo or mono audio source (for example, iPod, MP3 or CD player) to the Auxiliary input socket (marked 'AUX IN').
3. Adjust the Volume control on your iPod, MP3 or CD player to ensure an adequate signal and then adjust the volume on the speaker for comfortable listening.
4. After use, disconnect your player in order to listen to your radio conventionally.

Note:
Never use the Aux-In socket in rainy or moist conditions to prevent moist from entering the radio. Always keep the rubber cover on the back well closed under these conditions.

Headphone socket

The 3.5 mm stereo headphone socket located on the top of your radio is provided for use with stereo headphones or an earpiece. Connecting headphones automatically mutes the built in speaker.

Important:

Excessive volume levels from earphones and headphones may cause damage to your hearing.

Note:

1) Volume protection is featured in this unit to prevent unexpectedly loud output while using headphones/an earpiece. If you plug in a headphones/an earpiece when your speaker volume is turned on to more than 14, the volume step will be decreased to 12 as soon as you insert a headphones/an earpiece to the headphone socket.

2) Never use the headphone socket in rainy or moist conditions to prevent moist from entering the radio. Always keep the rubber cover on top well closed under these conditions.

Key lock

The key lock function is used to prevent unintentional operation of the radio. When key lock is activated, all function keys will be disabled.

To activate the key lock function, press and hold the Select button for 3 seconds. "Keys Locked" will show on the display. To disabled the key lock function, press and hold the Select button for 3 seconds and "Keys Unlocked" will show on the display.

⚠ *Safety information for internal rechargeable Lithium-ion battery*

The internal rechargeable lithium-ion battery used in this device is able to supply power for a long period of time. However, even lithium-ion batteries reach a point where they cannot be recharged. If the battery does not recharge after several attempts, it may be drained (has a low charge), please contact info@perfectpro.eu for repair information. However, if you do not want us to replace the battery, you will need to dispose of used batteries/device in accordance to the laws and regulations in your area. In addition, you can contact your local electronics retailers or recycling center for disposal.

User Safety Precautions
- Check the room temperature range is 0°C – 45° C (32° - 113° Fahrenheit) before charging the battery.
- Do not attempt to disassemble the plastic covering or any parts of the device, as the materials inside may be toxic and may damage skin and clothes.
- Do not puncture, crush, modify, throw or cause any unnecessary shock to your battery, **as the battery used in this device may present a risk of fire, explosion, or chemical burn if mistreated.**
- Do not leave, charge or use the battery in a car under direct sunlight, near fire or a heated source.
- Do not immerse, throw, wet the battery in water/seawater.
- Do not use or charge the battery if it appears to be abnormally hot, discoloration, deformation or abnormal conditions is detected during use, charge or storage.
- Do not leave a charging battery unattended. Keep the battery away from babies and children.

WARRANTY

This radio has a 2 year limited warranty.

WARNING! Warranty becomes void once the radio cabinet has been opened or any modifications or alterartions to the radio have been made!

The terms of the warranty of this radio do not cover the following:

- Damage caused by misuse, abuse, neglect, alterations, accidents or unauthorised repair.
- Normal wear and tear.
- Breaking or bending of the antenna.

Specifications

Power Requirement:
Mains (via supplied AC adaptor)
AC 100-240 V, 50/60 Hz
DC 5V, 500 mA

Built-in Battery: 3,7V/1850 mAh

Speaker: 4 ohm

Bluetooth:

Bluetooth specification	Bluetooth® Ver 4.1 EDR Compliant
Profile support	A2DP, AVRCP
Bluetooth Audio Codec	A2DP with SBC codec support
Transmitting Power	Specification Power Class 2
Line of sight range	10 meters/30 feet

Frequency Coverage:
FM: 87.50 – 108 MHz

The company reserves the right to amend the specifications without notice.

If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.Check with yourLocalAuthority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)