

**PHONAK**

hearing systems

WallPilot™

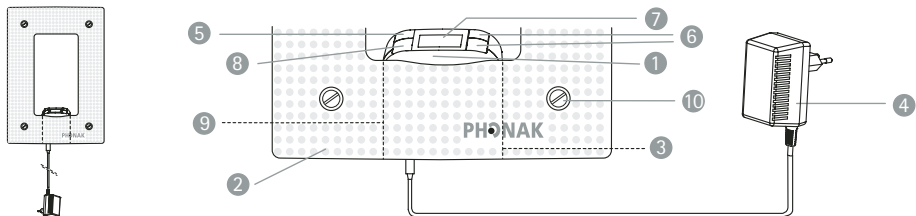
User Guide

**CE**

# Contents

	Page
Description	
Welcome to the world of multi-frequency FM communication	
Main components	3
Installation	
Choosing the right location	4
Preparing for installation	6
Mounting to the wall	8
Battery replacement	9
Selecting the channel	10
Adjusting the range	11
Key lock	12
Daily use	13
Important notes	15
Phonak distributors worldwide	
Service and Warranty	

## Description



- ① Main unit
- ② Frame with built-in antenna
- ③ Antenna cable connection to main unit (not visible on this diagram)
- ④ Power cord
- ⑤ On/Off switch
- ⑥ Channel selector (up/down)
- ⑦ LCD display
- ⑧ 3-position coarse range adjustment (F1/F2/F3)
- ⑨ Rotary control for continuous fine range adjustment (not visible on this diagram)
- ⑩ Fixation screws

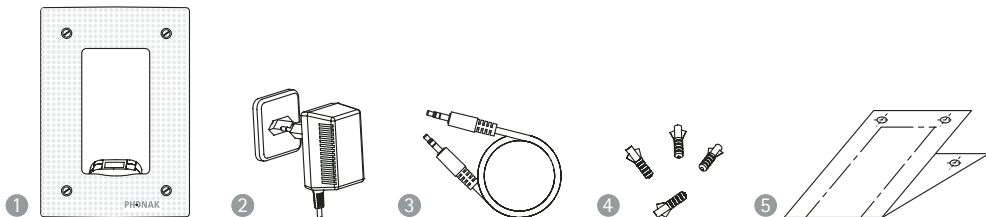
# Welcome to the world of multi-frequency FM communication

Thank you for choosing the WallPilot, a fully automatic, wireless frequency synchronizer especially developed for use with multi-frequency MicroLink receivers.

The WallPilot ensures that FM users entering a room are automatically switched to the right channel. The process is fully automatic and completely independent of the channel previously in use by the FM receiver. The WallPilot is ideal for schools and other buildings where FM is used in several rooms at once.

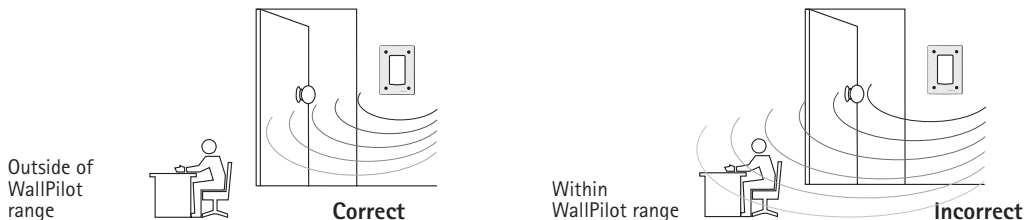
The WallPilot is a Swiss quality product that will give many years of excellent service.

# Main components



- 
- ① WallPilot with integral main unit
  - ② Power cord
  - ③ Audio cable for optional software programming of the main unit
  - ④ Fixation screws and screw anchors for wall mounting
  - ⑤ Hole drilling template for wall mounting

## Choosing the right location



The choice of location depends on local conditions. Please consider the following:

- The WallPilot range is continuously adjustable from zero to two meters.
- The WallPilot synchronization signal reaches any FM receiver within the set range. For this reason, FM users who are already in the room should not remain permanently within the reception range of the WallPilot signal (see figure).

⚠ The WallPilot transmits its synchronization signal equally in all directions (360°). The signal can pass through walls, meaning it may also be picked up by an FM receiver outside the room.

The WallPilot is designed for mounting to a wall. Possible locations for the unit are:

- **Inside the room, adjacent to the entrance door**

The WallPilot then covers the room entry zone, which is the ideal location if there is sufficient space. However, classroom desks and other working areas must be out of range of the WallPilot.

- **In a vacant area within the room**

The floor can be marked to show where people should walk past in order to receive the WallPilot synchronization signal. This option allows reduction of the operating range to a minimum.

- **In an entry corridor**

This is the recommended position when the room is at the end of a corridor, and FM users pass through the corridor solely for classroom access.

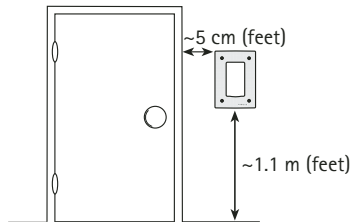
## Preparing for installation


- Determine the approximate location according to the previous criteria.
- Put the WallPilot into operation (see next section) and either hold it against the wall or rest it on a chair (standing up, not lying flat).
- Turn the range adjustment control (see page 11) fully clockwise (max.) and set the range switch to 'F1' (short range).
- Do practical tests with hearing instruments and FM receivers.
- If the range is too great:  
Decrease the range as necessary using the rotary control (turn counter-clockwise)



- If the range is too small:  
Set the range switch to 'F2' (medium range) and again turn the rotary range control fully clockwise.
- Keep testing until the optimum range is adjusted. Once the range is optimized, test to ensure that the WallPilot signal does not reach FM users at undesired locations (e.g. in the corridor outside, sitting at desks, en route to the blackboard, etc.). In case of problems, select a different location for the WallPilot. An alternative is to restrict the range as necessary; in this case we recommend marking the floor to indicate the WallPilot reception area.
- After finding a good location in this way, proceed to mounting the WallPilot to the wall.

## Mounting to the wall

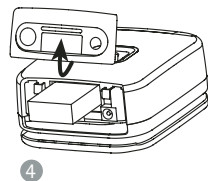
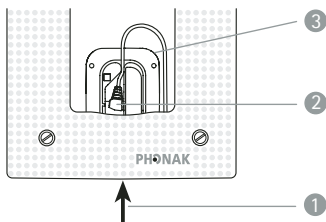


- Drill fixation holes using the supplied template as a guide
- Insert the screw anchors
- Secure the WallPilot to the wall using the supplied fixation screws
- Plug the power cord into the socket marked  on the main unit.

The WallPilot can operate directly using the power cord, or on rechargeable batteries (for approx. 12 hours)

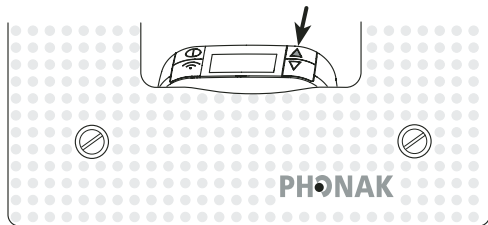
 Mains power is recommended for ease of use.

## Battery replacement



- 1 Push up to open lid
- 2 Remove main unit
- 3 Remove antenna cable
- 4 The WallPilot main unit includes a removable rechargeable battery. The battery and power cord are the same types used with the Campus S.

## Selecting the channel



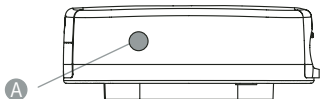
As with the Campus S, a pair of channel selection buttons sets the FM channel.

Press one of the channel selection buttons for 2 seconds

▲ = selects a higher channel ▼ = selects a lower channel

- ☞ Ensure that the WallPilot is set to the designated channel for the room. This should correspond to the channel used by the FM transmitter (e.g. the Campus S) operating in the same room.

## Adjusting the range



**A** Rotary control on the side of the main unit.


**B** Range switch

F1 = Close range

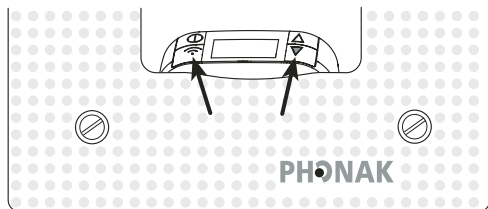
F2 = Medium range

F3 = Long range


Re-check the range after WallPilot installation and readjust if necessary.

 It is recommended to check the range regularly.

## Key lock

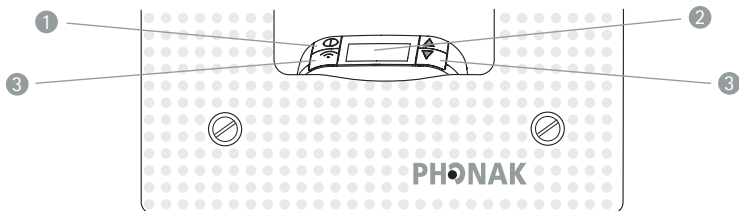


The WallPilot has a built-in key lock. Similar to mobile telephones, it avoids unintentionally operating the keys. When activated, the key lock also prevents tampering by children.

To lock keys: Press both keys simultaneously for 2 seconds. A «»-symbol appears in the LCD display.

To unlock keys: Press the same keys simultaneously for 2 seconds.

## Daily use



---

### Putting into operation:

- 1 Switch on the WallPilot (press the On/Off button for 2 seconds)
- 2 Check the channel and battery charge state on the LCD
- 3 Activate the key lock if needed (see page 12 key lock)

When FM users enter the room:

The multi-frequency FM user's receivers are set automatically to the channel selected in the WallPilot.

Depending on how the multi-frequency MicroLink receivers are programmed, a brief signal in the hearing instrument may indicate the change of channel.

Switching off:

- Switch off the WallPilot (press the On/Off button for 2 seconds)

If the WallPilot is operated with the rechargeable battery, simply plugging in the power cord recharges the battery. The three battery segments in the LCD display blink to indicate charging.



## Important notes

1. The hearing instrument and FM receiver must be switched on before the WallPilot can change the receiver channel.
2. Ensure that the WallPilot is properly fixed and that the power cord is safely secured.
3. Avoid simultaneous use of multiple WallPilots with overlapping transmission ranges.
4. External influences such as interference from computer monitors can reduce the WallPilot's operating range.

# Phonak distributors worldwide

<b>Group companies:</b>	(detailed information on <a href="http://www.phonak.com">www.phonak.com</a> )
Australia	Phonak Australasia Pty. Ltd., Baulkham Hills N.S.W. 2153
Austria	Hansaton Akustische Geräte GmbH, 5020 Salzburg
Belgium	Lapperre N.V., 1702 Groot-Bijgaarden
Canada	Phonak Canada Limited, Mississauga, Ontario L5S 1V9
Denmark	Phonak Danmark A/S, Nitvej 10, 2000 Frederiksberg
France	Phonak France SA, 69500 Bron
Germany	Phonak GmbH, 70736 Fellbach-Oeffingen
Italy	Phonak Italia S.r.l., 20159 Milano
Japan	Phonak Japan Co., Ltd., Tokyo 101-0044
Jordan	Phonak Middle East, 11181 Amman
Netherlands	Phonak B.V., 3439 ME Nieuwegein
New Zealand	Phonak New Zealand Ltd., Takapuna, Auckland 9
Norway	Phonak AS, 0105 Oslo
Spain	Phonak Laem S.A., 03008 Alicante
Sweden	Phonak AB, 117 34 Stockholm
Switzerland	Phonak AG, Phonak Schweiz, 8712 Stäfa
United Kingdom	Phonak UK Limited, Warrington, Cheshire WA1 1PP
USA	Phonak Inc., Warrenville, IL 60555-3927
<b>Independent general agents:</b>	A complete list of Phonak distributors is available at Phonak's Internet site: <a href="http://www.phonak.com">www.phonak.com</a> . Please visit us or ask your hearingcare professional for information.
<b>Manufacturer:</b>	Phonak AG, Laubisrütistrasse 28, CH-8712 Stäfa, Switzerland



# Notes

---

---

---

---

---

---

---

---

---

---

# Notes

---

---

---

---

---

---

---

---

---

---

## Service and Warranty

Phonak offers you a comprehensive global warranty which becomes effective on the date of purchase. Please ask your hearingcare professional for details and duration. This warranty covers any repairs due to defects in material and/or workmanship. The warranty does not cover damage from improper handling or care, exposure to chemicals, immersion in water or undue stress. Damage caused by third parties or non-authorized service centers renders the Phonak warranty null and void. This warranty does not include any services performed by a hearingcare professional in their office. This warranty applies to the Phonak products listed below:

Serial number:

Date of purchase:

---

---

Your hearingcare professional: