

PHILIPS

AVENT

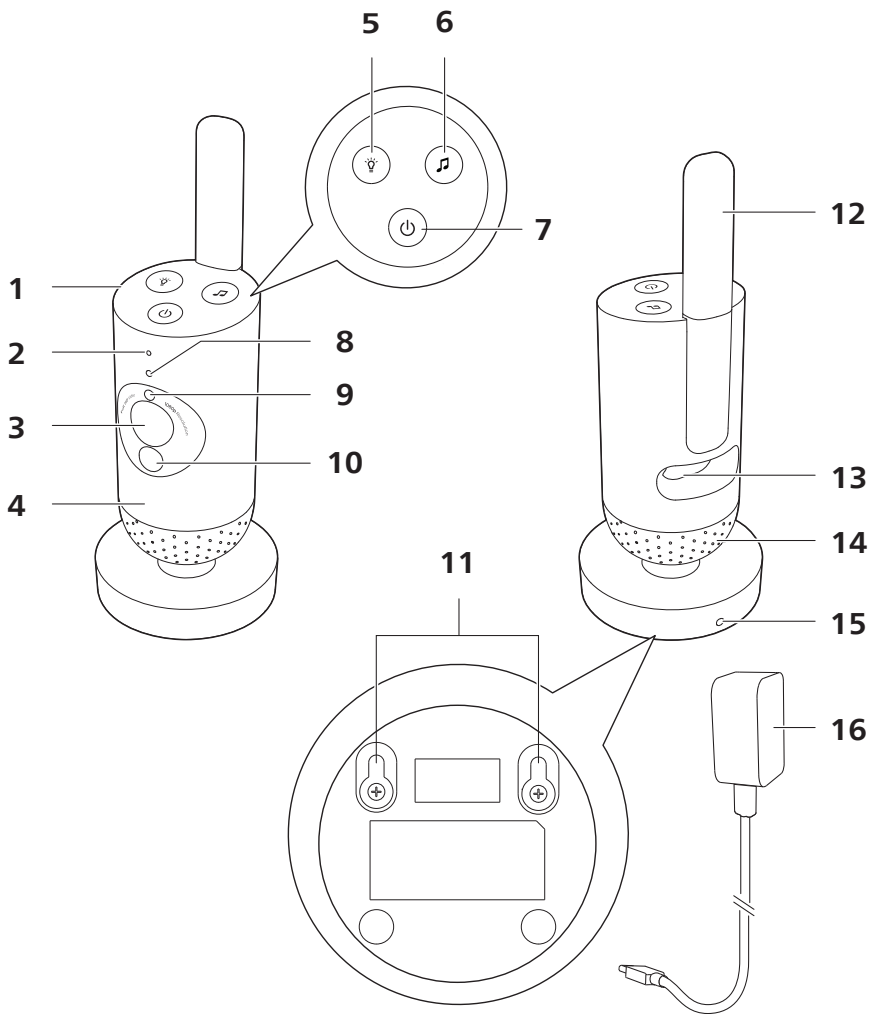
SCD641, SCD643



User manual

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Introduction

Congratulations on your purchase and welcome to Philips Avent! To fully benefit from the support that Philips Avent offers, register your product at www.philips.com/welcome.

Keep an eye on your baby securely and from anywhere with the Philips Avent Connected Baby Camera. Our Secure Connect System keeps you linked to your little one throughout home. And with the Baby Monitor+ app you can check in, and more, even when you need to be away.

General description

- 1 Baby camera
- 2 Microphone
- 3 Lens
- 4 Nightlight
- 5 Nightlight button
- 6 Soothing sounds button
- 7 On/off button
- 8 Status light
- 9 Ambient light sensor
- 10 Infrared light
- 11 Wall mounting holes
- 12 Antenna
- 13 Socket for power adapter
- 14 Speaker
- 15 Temperature sensor
- 16 Power adapter

Important safety information

Read this important information carefully before you use the appliance and save it for future reference.

IMPORTANT

This appliance is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.

Never leave your baby alone in your home. Always make sure there is someone present to look after the baby and take care of its needs.

Disclaimer

Please note that you use this appliance at your own risk. Koninklijke Philips N.V. and its subsidiary companies are not responsible for the operation of this appliance or your use of it and therefore do not accept any liability in connection with your use of this appliance.

Danger

- Never immerse any part of the appliance in water or any other liquid. Do not place the appliance where water or any other liquid can drip or splash onto it. Never use the appliance in moist places or close to water.
- Never put any object on top of the appliance and do not cover it. Do not block any ventilation openings. Install according to the manufacturer's instructions.

Warning

- Long cable. Strangulation hazard!
- Check if the voltage indicated on the adapter corresponds to the local mains voltage before you connect the appliance.
- Do not modify or cut off any part of the adapter and its cord, as this causes a hazardous situation.
- Only use the adapter supplied.
- If the adapter is damaged, always have it replaced with one of the original type in order to avoid a hazard.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Protect the mains cord from being walked on or pinched particularly at plugs, and the point where they exit from the appliance.
- Make sure that you place the appliance in such a way that its cord does not obstruct a doorway or passage. If you place the appliance on a table or low cabinet, do not let the mains cord hang over the edge of the table or cabinet. Make sure the cord does not lie on the floor where it presents a tripping hazard.
- Keep the packaging materials (plastic bags, cardboard buffers, etc.) out of the reach of children, as they are not a toy.
- To prevent electric shock, do not open the housing of the appliance.

Caution

- Do not install the appliance near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Make sure that your hands are dry when you handle adapters, plugs and the mains cord.
- Screw covers / rubber pad can detach from the appliance, check on a regular basis.
- All required markings on the appliance and power adapter are located on the bottom of them.
- To disconnect the appliance, remove the adapter from the socket-outlet. The adapter and socket-outlet shall remain easily accessible at all times.

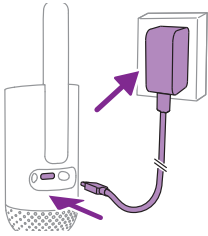
Declaration of conformity

Hereby, Philips Consumer Lifestyle B.V. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the EC Declaration of Conformity (DoC) is available online at www.philips.com/support.

Electromagnetic fields (EMF)

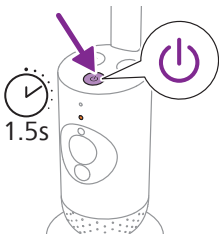
This product complies with all applicable standards and regulations regarding exposure to electromagnetic fields.

Preparing for use

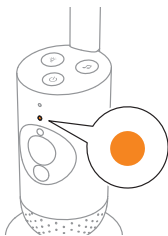


Plug the power adapter into the baby camera and the wall socket.

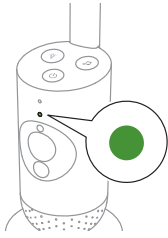
Using the baby camera



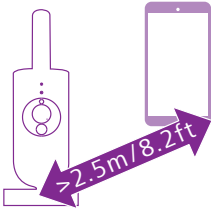
1 Press the on/off button for 1.5 seconds to turn on the baby camera.



2 When the baby camera is on, the indicator light turns orange for booting-up.

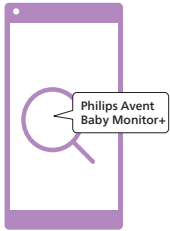


- 3 The baby camera is ready for use when the indicator light turns green, you can now connect it to the app.



- 4 Make sure that the smart device and the baby camera are at least 2.5 meters/ 8.2 feet away from each other to avoid acoustic feedback.

App



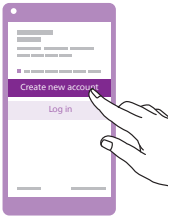
Before you start the set-up procedure, make sure:

- You have wireless Internet access (2.4 GHz Wi-Fi).
- You are close enough to the Wi-Fi router to have a good Wi-Fi signal.
- If you use a Wi-Fi extender, make sure that your router and your Wi-Fi extender have the same SSID (the network name) and that you use the same password for the router and the extender.
- You have the password of your Wi-Fi network at hand. Always connect the baby camera to a secure network (see the 'Security and privacy' chapter).

- 1 Make sure that your smart device runs on iOS 11 or higher, or Android 6 or higher. Download the Philips Avent Baby Monitor+ app from the App Store or Google Play. Use keywords 'Philips Avent Baby Monitor+' to search for the app.

- 2 Launch the app.

Tip: You get the best results if you connect your smart device to the Internet via Wi-Fi. It will then automatically use the Wi-Fi network to link to your baby camera. When there is no Wi-Fi connection to the Internet, your smart device switches to its 3G or 4G mobile data connection. Use of this data connection may involve extra charges from your provider, depending on your subscription.



- 3 Follow the on-screen instructions to create an account.
 - a Make sure that you use a working email address on which you can always be reached.
 - b Use a strong password (see the 'Security and privacy' chapter).
 - c When you receive the verification email, follow the instructions in the email to continue creating your account.
- 4 Follow the instructions in the app to set up your baby camera.

Account management

There are different access rights for the Admin user and Guest users. You can invite relatives or friends as guest users and allow them to monitor your baby on their smart devices.

	Admin User	Guest Users
Monitoring	Video Audio Background Temperature	Video Audio Background Temperature
Alerts notification	Sound detection Movement detection Temperature range detection	NA
Soothing features	Nightlight, soothing sounds, lullabies, true talk-back Voice recording	Nightlight, soothing sounds, lullabies, true talk-back
Account management	Guest user invitation	NA

Note: There is only one admin account per baby camera. Don't share admin credentials with anyone outside of your immediate household.

Security and privacy

Network security

Do not use the app on an unsecured Wi-Fi network. We advise you to use the baby camera only on a Wi-Fi network protected with WPA2 or higher encryption. With the app, you can also use your phone's data network (often referred to as 3G or 4G).

Wi-Fi hotspots in public places, such as airports and hotels, are convenient, but they are often not secure.

We advise you to use the baby camera only on a Wi-Fi network protected with WPA2 or higher encryption. We advise you not to use the baby camera on a network that uses WEP encryption.

Note: Wi-Fi networks that do not require a password are not secure.

Strong passwords

Passwords are essential to protect your Wi-Fi network and your account against unauthorised access. The stronger your password, the better protected your Wi-Fi network and your account is.

The rules for a strong password are:

- 1** Has at least 8 characters.
- 2** Does not contain your name, your baby's name, another real name or a brand name.
- 3** Does not contain a complete word.
- 4** Is very different from passwords that you have used before.
- 5** Contains characters from at least two of the following categories:
 - Letters, for example: A, B, C or a, b, c
 - Numbers: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
 - Symbols, for example: _ . @ \$

Personal data security

To delete and therefore, protect your personal data, factory-reset your baby camera by long pressing the on/off button for 10 seconds when the baby camera is on, before discarding the device.

If you are a second-hand owner, we advise you to perform the following steps to factory-reset your baby camera to secure your device:

Turn on your baby camera.

Once the LED has changed from orange to solid green or white, press the on/off button for more than 10 seconds until the LED flashes between green and orange, and the baby camera will factory-reset.

In case you do not perform the factory-reset, Philips will not be responsible for the performance and functionalities of the device, and your privacy might be compromised.

Provision of security updates

We continuously monitor the security of the software used in the product. If necessary, security updates will be provided through software updates. Software updates may also be provided to offer bugfixes and performance improvements, or to introduce new product features.

Updates may be provided to the baby camera firmware, or in the mobile app. Updates are wirelessly delivered to the product without the usage of special cables or equipment.

Philips will provide the necessary updates for a period of at least two years after the delivery of the product.

System compatibility

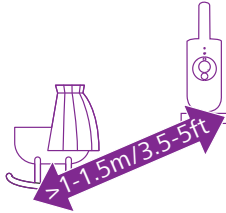
iOS compatibility: 11 or higher

Android compatibility: 6 or higher

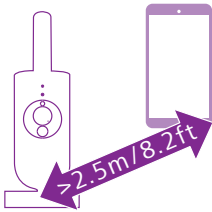
Positioning the baby camera



Warning: Long cable. Strangulation hazard!

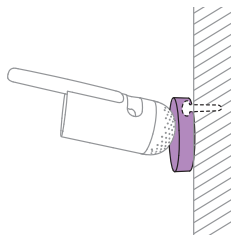


- 1 For optimal sound detection, make sure that the baby camera is no further than 1.5 meters / 5 feet away from the baby. Make sure that the baby camera is at least 1 meter / 3.5 feet away from the baby because of potential strangulation hazard.



- 2 To avoid acoustic feedback, make sure that the smart device is at least 2.5 meters / 8.2 feet away from the baby camera.

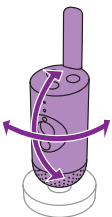
Note: If you use a cordless phone, wireless video, Wi-Fi network, microwave oven or bluetooth device on 2.4 GHz and you experience interference on the baby camera, move the smart device until there is no more interference.



- 3 There are 2 ways to position the baby camera:
 - a Place the baby camera on a stable, level and horizontal surface.
 - b Mount the baby camera to the wall with screws (not included).

Tip: The wall mount template (see the 'Wall mount' chapter) to mount the baby camera to the wall can be found at the end of this user manual.

Tip: Position the baby camera at a higher level to get a good overview of the baby's bed or playpen.

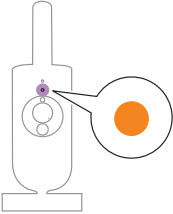


- 4 The baby camera can be rotated to ensure the best visibility of your baby.

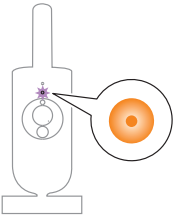
Features

Status light

Orange



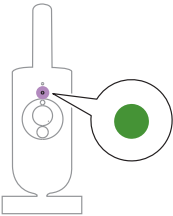
1 Solid orange: the baby camera is booting up.



2 Flashes orange: the baby camera is upgrading its firmware. Do not switch it off during the upgrade.

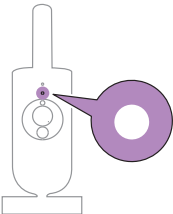
Note: The baby camera might switch itself off briefly during the firmware upgrade.

Green



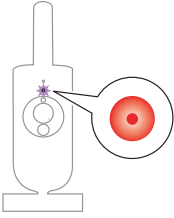
Solid green: the baby camera is ready to pair to the app.

White

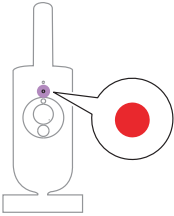


Solid white: the baby camera is connected to network and ready for app viewing and control.

Red (Set up only)

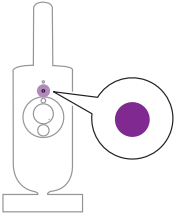


1 Flashes red: you have entered a wrong SSID ID or password.



2 Solid red: the baby camera failed to connect to internet.

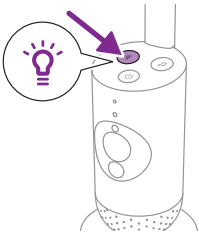
Purple



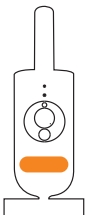
Solid purple: Video live streaming is turned on for one or more app users.

Nightlight

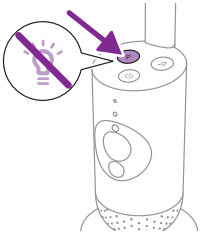
You can activate the nightlight function from the baby camera or the app.



1 Press the nightlight button on the baby camera to turn on the function.



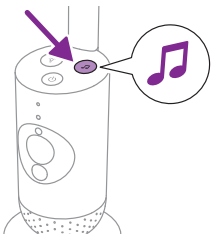
The nightlight turns on.



2 Press the nightlight button again to switch off.

Soothing sounds

You can activate the soothing sounds feature from the baby camera or the app.



Press the soothing sounds button on the baby camera.



The latest sound selected on the app starts to play continuously according to the last timer setting.

To stop the soothing sounds on the baby camera, press the soothing sounds button again.

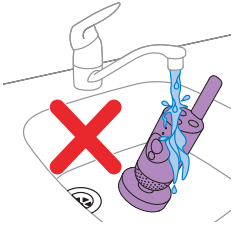
True talk-back

You can use the true talk-back button on the app to talk to your baby.



The baby can hear you talking into the app. At the same time, you will hear any sounds your baby makes.

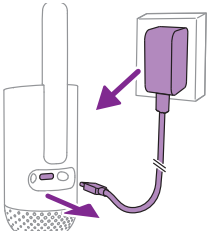
Cleaning and maintenance



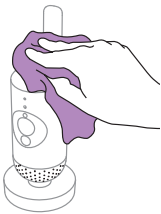
Warning: Do not immerse the baby camera and power adapter in water and do not clean them under the tap.



Warning: Do not use cleaning sprays or liquid cleaners.

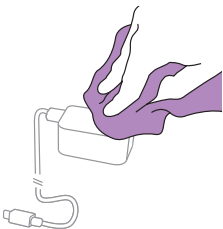


- 1 Switch off the baby camera, remove the power adapter from the baby camera and remove the power adapter from the wall socket.



- 2 Clean the baby camera with a dry cloth.

Note: Fingerprints or dirt on the lens may affect the baby camera's performance. Avoid touching the lens with your fingers.



- 3 Clean the adapter with a dry cloth.

Storage

When you are not going to use the baby camera for a long time, store the baby camera and adapter in a cool and dry place.

Ordering accessories

To buy accessories or spare parts, visit www.philips.com/parts-and-accessories or go to your Philips dealer. You can also contact the Philips Consumer Care Centre in your country (see the international warranty leaflet for contact details).

Recycling



This symbol means that electrical products shall not be disposed of with normal household waste.

Follow your country's rules for the separate collection of electrical products.

Environmental information

All unnecessary packaging has been omitted. All packaging material is easy to recycle as cardboard and paper material.

Support

For all product support such as frequently asked questions, please visit www.philips.com/support.

General Information

Wi-Fi frequency band: IEEE 802.11 b/g/n 2.4 GHz

Maximum radio-frequency power: ≤ 20 dBm e.i.r.p

Supply unit:

Model: ASSA105x-050100

Input: 100-240 V 50/60 Hz ~ 0.35 A

Output: 5.0V \equiv 1.0 A, 5.0 W

x = E (EU plug) / x = B (UK plug)

x = C (AU plug) / x = K (IN plug)

Average active efficiency: ≥ 73.62 %

No-load power consumption (W): < 0.1 W

Troubleshooting

This chapter summarizes the most common problems you could encounter with the appliance. If you are unable to solve the problem with the information below, visit www.philips.com/support for a list of frequently asked questions or contact the consumer care centre in your country.

HOW TO USE / CONNECT

Problem	Solution
Can I connect my Philips Avent Connected Baby Camera (SCD641, SCD643) to Philips Avent Connected Baby Monitor's parent unit (SCD921, SCD923)?	The Philips Avent Connected Baby Monitor's parent unit can only connect to the baby unit which included in the same package. If you want to view more than one baby cameras and baby units, you can connect them to the Philips Avent Baby Monitor+ app.
I cannot download and install the app. What can I do?	Please check if any of the following factors prevent a smooth download. Is your Wi-Fi signal stable and strong enough? Does your smart device run on iOS 11 or higher, Android 6 or higher? Do you have enough space left on your smart device to install the app? Did you enter the correct password for the App Store or Google Play?
How can I factory-reset the baby camera?	You can factory-reset the baby camera by long-pressing the on/off button for 10 seconds. The baby camera will reboot and the indicator light will flash in green and orange, the factory-reset is completed when the indicator light turns solid green. All the settings will be removed after the factory-reset, including the connected Wi-Fi router's SSIDs and passwords and the connected app users. You can factory-reset the baby camera if you stop using the product and want to transfer it to a new user.

NOISE/SOUND

Problem	Solution
Why does the app or baby camera produce a high-pitched noise?	Perhaps the app and baby camera are too close to each other. Make sure they are at least 2.5 meters / 8.2 feet away from each other. The volume of the app may be set too high. Decrease the volume of the app.
Why don't I hear a sound? Why I can't I hear my baby cry?	Perhaps you have muted the app. Unmute it by tapping the mute icon on the video screen. The sensitivity is set too low. Increase the sensitivity in the app to a higher level. The baby camera may be too far away from your baby. Make sure the baby camera is not further than 1.5 meters / 5 feet away from your baby for optimal sound detection. Closer than 1 meter / 3.5 feet increases strangulation hazard.

NOISE/SOUND

Problem	Solution
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Why does the app react too quickly to other sounds than my baby makes?

The sensitivity level may be set too high. When your baby makes soft sounds, the sensitivity has to be higher. However, the noisier the nursery room is, the lower the sensitivity level can be set. You can change the sensitivity of your baby camera on the app.

VIDEO DISPLAY

Problem	Solution
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Why do I get black and white images instead of colour ones?

The baby camera has switched to night vision mode because the room where the baby camera is placed is dark.
If there is enough light in the room, the light sensor on the baby camera may be covered or dirty. Make sure that this sensor is fully exposed to the light in the room.

Why isn't the image on the video display clear?

Perhaps the lens is dirty. Clean the lens with a dry cloth.

I lose connection to the app frequently. What is the matter?

Check if the status light turns green. Check if the Wi-Fi signal in the room where the baby camera is placed is strong enough and stable. If this is not the case, you need a Wi-Fi extender to get a strong and stable signal. If you use a Wi-Fi extender, make sure that your router and your Wi-Fi extender have the same SSID and that you use the same password for the router and the Wi-Fi extender.

If the status light on the front of the baby camera is solid white and you keep losing connection, there may be a problem with the Internet connection of your router, smart device or baby camera. Check the Wi-Fi signal on your smart device or the 3G or 4G speed by trying to watch a movie, e.g. on YouTube. Or reset your Wi-Fi router.

APP /SET UP

Problem	Solution
I cannot set up the baby camera. Each time I end up in the connection error screen. What is the matter?	Make sure your smart device uses the same Wi-Fi network you want to connect the baby camera to.
	Check the status light of the baby camera, if it is flashing red, the Wi-Fi password entered was wrong. Restart the set up process. Re-enter the Wi-Fi password and make sure that the password is correct.
	Perhaps the router SSID (the network name) or the password contains special symbols. If it does, change the name of your router SSID or the password accordingly.
	If the status light turns solid red while trying to connect, the baby camera successfully connected to the router but fails to connect to the internet. Then check if you have access to 2.4GHz Wi-Fi by trying to access other apps like YouTube, Facebook etc. If other apps do not respond, please make sure you have internet access. If there is internet access, the server could be temporarily unavailable. Please try to set up again later.
	Perhaps you have been trying to connect the baby camera to a 5GHz network. Please check that you have chosen a SSID of a network that supports 2.4 GHz.
I have problems making my baby camera read the Wi-Fi QR code on my smart device. What can I do?	Make sure that you hold the QR code at approx. 5-15 cm / 2-6 inch distance from the lens. Try moving the smart device slightly up, down, left or right to ensure the QR code is directly in front of the lens. You can also try moving the smart device closer to or further away from the lens to allow proper focussing. Make sure that there is enough light in the room, but avoid too bright light. When the baby camera has read the QR code, you hear a confirmation sound and the status light of the baby camera turns white.
	Perhaps you did not remove the protective foil from the lens. Remove the foil.
	Perhaps part of your hand covers the QR code. Hold your device in such a way that your hand does not cover the QR code.
I cannot see my baby. What is wrong?	Check if the Wi-Fi signal is strong enough in the room where the baby camera is placed.
	The Wi-Fi status light on the front of the baby camera must be solid white.
	Perhaps there are already three people monitoring your baby. The app only allows three people to watch simultaneously. If you have administrator rights, you can remove access for one of the guests to be able to watch yourself.

APP /SET UP

Problem

Solution

Why does the app not notify me that the baby is crying?

Check if the baby camera is connected to the Wi-Fi network. The status light on the front of the baby camera must be solid white.

The sensitivity for notification may have been set too high. In that case, the app will only notify you when the baby produces a lot of sound. Open the app setting to lower the sound threshold to ensure that you are notified sooner.

Perhaps you have muted your smart device, turn on the volume.

Check if you have activated the notification function in the app's settings.

Check if you have activated the notification function in your smart device's settings.

Check if you have viewing rights as a guest. The notification function is disabled for guest users.

Why can't my partner and I connect to the baby camera at the same time?

If you wish to share the same access as your partner, consider sharing the same administrator account to login to the app. Setting up the app on another device with a different login account will automatically disconnect the previously connected user.

If you do not wish your partner to have full access, invite your partner to login as a guest user. Access rights of guest users have limitations. Please refer to the 'Account management' chapter for details.

Why can't I talk to the baby after pressing the talk back button from the app?

Perhaps another user, such as an admin or guest, is utilizing the talkback feature. If this is the case, a notification will appear indicating that "Somebody else is already using talkback." The user who talks to the baby first will have priority in using the talkback function.

How can I be a guest user?

To be a guest user, you have to register a Philips Avent Connected Baby Monitor Account before being able to view the video live streaming. Please create the account as instructed in the app, and contact the administrator that you are ready for the invitation.

As a guest user, what notification will I receive from the App?

Guest user will receive App notifications when the baby camera connection is lost or when the baby camera is turned off by main user (admin owner). To receive notification from Philips Avent Baby Monitor+ app, user has to enable the notification in the phone settings.

Do I have to keep the app open to monitor my baby?

No, the app can monitor in the background while you do other things. Enable the background monitoring mode from the App's settings menu. You will receive a notification "Background monitoring is active" to indicate the mode is activated. When your baby makes sound, you hear it from your phone directly.

Can I use more baby cameras in the same app?

You can connect multiple baby cameras to the App and view all the online cameras on the Home screen at the same time. You can only hear the sound of one baby camera on the Home screen but you can switch to another camera's audio at any time.

APP /SET UP

Problem	Solution
Is the baby camera hacker-proof?	We do everything we can to prevent hacking by issuing frequent security updates. Please make sure that you always use the latest app software and baby camera firmware. If you lose your smart device, factory-reset the baby camera to remove any connections to it. You can also log in to the app from another smart device and delete your account. If you are the only administrator, all guest users will be disconnected from the baby camera too.
I have lost my smart phone. How can I prevent strangers from viewing my baby?	Log in to the app from another smart device and delete your account. If you are the only administrator, this will disconnect all guest users of the app from the baby camera. You can also factory-reset the baby camera to disable all connections to the device you lost. Long-press the on/off button of the baby camera for 10 seconds to factory-reset.
Will I be notified of upgrades of the baby camera software?	Yes, this will happen periodically. Upgrade notifications for the firmware of the baby camera will appear in the app.
My phone or tablet becomes warm when I use the app. Is this normal?	Your device may get warm because it needs power to provide high-quality video. This does not harm your device. Your device does not warm up when you run the app in the background.

Wall mount

Printing instructions:

Print this page in scale 100% and use the template to accurately mark the position of the holes for the screws on the wall.

