

Gigaset

Repeater HX

Important information

Application

For Gigaset cordless phones/routers.

Safety precautions



Read the safety precautions and the user guide before use.

The device cannot be used in the event of a power failure. In case of a power failure it is also **not** possible to make **emergency calls**.



Do not use the devices in environments with a potential explosion hazard (e.g. paint shops).



The devices are not splashproof. For this reason do not install them in a damp environment such as bathrooms or shower rooms.



Use only the power adapter indicated on the device.

Whilst charging, the power socket must be easily accessible.



Use only **rechargeable batteries** that correspond to the **specification** (see "Specifications"). Never use a conventional (non-rechargeable) battery or other battery types as this could result in significant health risks and personal injury. Rechargeable batteries, which are noticeably damaged, must be replaced.



Remove faulty devices from use or have them repaired by our Service team, as these could interfere with other wireless services.



Using your telephone may affect nearby medical equipment. Be aware of the technical conditions in your particular environment, e.g. doctor's surgery. If you use a medical device (e.g. a pacemaker), please contact the device manufacturer. They will be able to advise you regarding the susceptibility of the device to external sources of high frequency energy (for the specifications of your Gigaset product see "Specifications").

Contents of the package

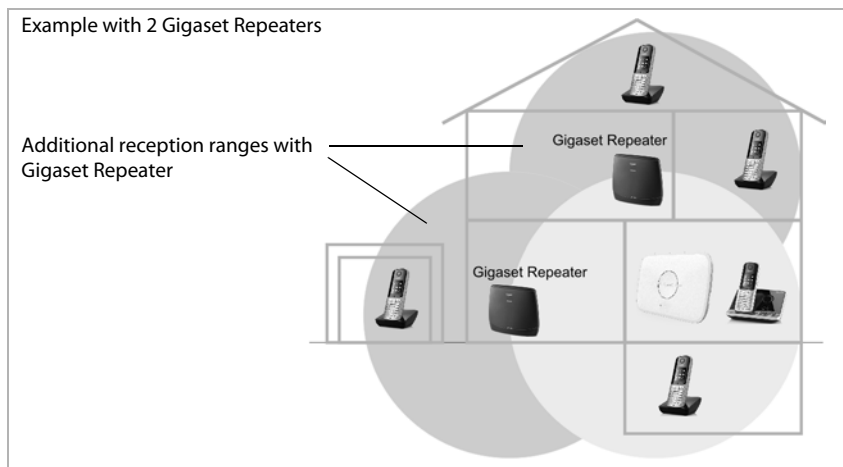
- 1 Repeater HX
- 1 power supply unit for Repeater HX
- 1 user guide

Introduction

With the Gigaset Repeater, you can extend the range and reception strength of your base station. Up to 6 Gigaset Repeater units can be used with a single base station. The maximum number depends on your base station and the type of DECT transmission (encrypted/unencrypted).

A maximum of 2 conversations can be held at the same time within the extended reception range.

The number of handsets that can be registered to your base station is not affected by the Gigaset Repeater.



Features of the Repeater HX:

- Encrypted calls
- Calls over a broadband connection (for internal or VoIP calls)
- Two repeaters per base for encrypted calls
- Six repeaters per base for unencrypted calls

Not all DECT phones support all features of the Repeater HX.

Details on the functionality of the Repeater HX on various Gigaset bases and routers can be found on → www.gigaset.com/compatibility



Repeater mode is not possible when ECO DECT is enabled on the base (radiation-free or reduced range).

Overview



Front

Two function lights (LEDs) indicate the different operating modes (Explanation see page 5).



Back

▶ **Repeater button** (for reset see page 6 and to activate/deactivate the veri tone see page 6)

▶ **Socket for power supply unit**

▶ Plug the lead from the power supply unit provided into the socket.

Preparing

Please refer to the user guide for your phone/router to check whether your **base** is suitable for operating the repeater and how to **prepare** it for registering the repeater.

Before starting registration, position the Gigaset Repeater directly adjacent to the base station and to a power connection. If you are already using Gigaset Repeaters, these must be switched on and positioned close to the base station for this registration procedure.

Automatic registration

Carry out the following steps:

- ▶ Switch on Gigaset Repeater: Connect the power supply unit to a plug socket. Following this, the device will enter registration mode for 5 minutes.
- ▶ Prepare the base station for registering the repeater, in the same way as you would to manually register a handset. Please refer to the operating instructions for your base station.

The repeater will automatically be registered to the base station. The LEDs will indicate whether registration was successful or unsuccessful, see page 5.



Ensure that no other base stations in registration mode are located close to the Gigaset Repeater during this procedure.

De-registration

It may be necessary to de-register the repeater, for example if it has to be replaced. Information about this can be found in the operating instructions of your base station, or via the system menu of your phone e.g. C430/C430A, C530/C530A, CL660/CL660A, E630/E630A. For phones without a repeater system menu, the repeater can be de-registered using the Reset Repeater procedure, see page 6.

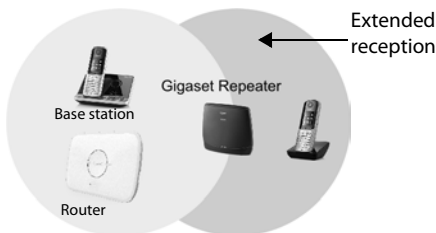
Installation

Once registration has been carried out successfully, you can install the Gigaset Repeater wherever you would like to extend the reception range of your handsets. However, you must ensure that there is a power point at the place of installation and that the left LED remains on constantly after the device has been switched on.

If the left LED flashes, the Gigaset Repeater is too far away from the base station or reception is being hindered by thick walls or metal objects for example (e.g. radiators).

When looking for a suitable installation site, a useful guide is a handset which requires a good connection with the base station at the Gigaset Repeater installation site.

- ▶ To operate a handset for the first time in the extended Gigaset Repeater area, switch off the handset within the new reception range of the Gigaset Repeater, but outside the reception range of the base station, and then switch it back on again.



If you are using more than one Gigaset Repeater in the area of your base station, you must keep the Gigaset Repeaters at least 10 m apart.

Operation

LED display of functions

Left LED: display registration and operation function

In operation	Light off	power supply off
	Constantly on	normal link to base station
	Flashing	no link to base station
Not yet registered	Flashing twice per second	ready for automatic registration
	Light off	automatic registration unsuccessful after 5 mins

Right LED: displays the handset traffic via the repeater

In operation	Light off	no traffic
	Flashing once every 3 seconds	one handset linked via repeater
	Flashing twice every 3 seconds	two handset linked via repeater
	Constantly on	base station not prepared for operation with a repeater (does not apply to base stations where Repeater Mode can be switched off and on)

Reset repeater

If registration was not successful or re-registration has to be carried out for another reason, you can reset the repeater as follows.

- ▶ Press repeater button (left LED flashes slowly).
- ▶ Release repeater button once the left LED flashes quickly (after approximately 10 seconds).

The repeater is ready for registration once again.

Check the accessibility of a handset using a verification tone

The verification tone enables you to establish whether or not the handset is working in the extended area, **see page 5** of the Gigaset Repeater. This tone is audible on the handset every 2.5 seconds as long as a line is allocated.

Proceed as follows:

- Repeater:
- ▶ To switch on the verification tone:
Press repeater button until the right LED lights up (after approximately 20 seconds).
 - ▶ To switch off the verification tone again:
Press repeater button again until the right LED goes out (after approximately 20 seconds).
- Handset:
- ▶ Allocate line (hold down call answer button).
 - ▶ When you hear the verification tone, you are in the extended reception area. If you don't hear a verification tone, move towards the repeater with the handset until you hear it.
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Miscellaneous

Troubleshooting

Problem	Cause	Action
Left LED flashes continuously when the registration procedure has been concluded	No radio connection to the base station	Repeat registration
Left LED flashes continuously at a selected location	No radio connection to the base station	Select a new location
Left LED does not light up at all	Power supply off	Check the power point

Problem	Cause	Action
No reception of the handset in the area of the repeater	Repeater not registered No radio connection to the base station Handset cannot find the repeater	Repeat registration Select a new location Switch handset on and off
Right LED lit constantly	Base station has not been prepared for repeater operation	Check the preconditions and preparatory steps required by your base station for registering a repeater. Then repeat these steps to register the repeater.
No registration of additional repeaters possible with encryption activated	Maximum number of repeaters that can be connected to the base station has been reached	De-register repeaters that are no longer required using the repeater de-registration procedure described in the user guide or system menu of your phone. If you need more repeaters to relay the base station, please note that you can run up to 6 repeaters, if encryption is deactivated. To deactivate encryption, all registered repeaters must first be de-registered. You can then deactivate encryption and register your repeaters again.

Care

Wipe the device with a **damp** cloth or an antistatic cloth. Do not use solvents or microfibre cloths.

Never use a dry cloth; this can cause static.

In rare cases, contact with chemical substances can cause changes to the device's exterior. Due to the wide variety of chemical products available on the market, it was not possible to test all substances.

Impairments in high-gloss finishes can be carefully removed using display polishes for mobile phones.

Technical data

Standards:	Compatible with DECT, GAP, CAT-iq (Kompatibel mit Repeater-Standard ETS300700 V2.1.1)
Radio frequency range:	1880 MHz - 1900 MHz
Transmit power:	10 mW average power per channel
Range:	max. 300 m outdoors max. 50 m in buildings
Power supply:	230 V, 50 Hz (plug-in power unit)
Power consumption:	Standby: 0.7 W During call: 0.9 W
Acceptable environmental conditions:	-10 °C to + 45°C
Dimensions (mm):	131 x 111 x 50 (LxWxH)
Weight:	154 g
Power cable length:	approx. 1.8 m

Service (Customer Care)

Step by step towards your solution with Gigaset Customer Care
www.gigaset.com/service.



Visit our Customer Care pages

Here you will find:

- Frequently asked questions
- Free software and user manual downloads
- Compatibility checks



Contact our Customer Care team

Couldn't find a solution in the FAQs section?
We are happy to help...

... online:

via our contact form on the customer service page

... by telephone:

Customer Service Switzerland: 0848 212 000

(0.09 Fr. per minute from the Swiss phone network. For calls from mobile phone networks, other prices may apply)

Please have your proof of purchase ready when calling.

Please note that if the Gigaset product is not sold by authorised dealers in the national territory the product may not be fully compatible with the national telephone network. It is clearly specified on the box near the CE mark for which country/countries the equipment has been developed.

If the equipment is used in a manner inconsistent with this advice or with the instructions of the manual and on the product itself, this may have implications on the conditions for warranty or guarantee claims (repair or exchange of product).

In order to make use of the warranty, the product purchaser is asked to submit a receipt which proves the date of purchase (date from which the warranty period starts) and the type of goods that have been purchased.

Authorisation

This device is intended for use worldwide. Use outside the European Economic Area (with the exception of Switzerland) is subject to national approval.

Country-specific requirements have been taken into consideration.

Hereby, Gigaset Communications GmbH declares that the radio equipment type Gigaset Repeater HX is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

www.gigaset.com/docs.

This declaration could also be available in the "International Declarations of Conformity" or "European Declarations of Conformity" files.

Therefore please check all of these files.

Warranty certificate for Switzerland

The consumer (customer) is covered by a durability warranty against the vendor without prejudice to his claims for defects and under the following conditions:

- New devices and their components in which a defect is detected within 24 months from the date of purchase resulting from a manufacturing and/or materials fault will, at the customer's discretion, be exchanged free of charge for a technologically current device or repaired by Gigaset Communications. For wearing parts (such as batteries, keypads, casing, small casing parts and protective covers as included in the delivery), this guarantee of durability applies for six (6) months from the date of purchase.
- This warranty does not apply in the event a defect to devices is attributable to improper treatment and/or a failure to follow the operating guides.
- This warranty does not cover any services provided by the appointed dealer or the customer itself (such as installation, configuration and software downloads). Manuals and, where applicable, accompanying software on a separate data carrier are also excluded from the warranty.
- Proof of purchase with date of purchase is required as evidence of a valid warranty. Warranty claims must be asserted within two (2) months of the awareness of a warranty event.
- Replaced devices or their components returned to Gigaset Communications during the course of an exchange are transferred to the ownership of Gigaset Communications.
- This warranty applies for new devices purchased in Switzerland. The warrantor is Gigaset Communications Schweiz GmbH, Bielstrasse 20, 4500 Solothurn, Switzerland.
- No further or different claims arising from this manufacturer's warranty will be accepted. Gigaset Communications accepts no liability for operational interruptions, loss of profit and loss of data, software additionally installed by the customer or other information. The customer is responsible for safeguarding these. The disclaimer does not apply if liability is mandatory, for example under the Product Liability Act, in cases of wilful intent, gross negligence, and as a result of loss of life, limbs or health.
- Successful assertion of a warranty claim does not extend the term of the warranty.
- Unless there is a warranty event, Gigaset Communications reserves the right to charge the customer for an exchange or repair. Gigaset Communications will inform the customer of this in advance.
- Gigaset Communications reserves the right to have its service work carried out by a subcontractor. Refer to www.gigaset.com/service for the address.
- Any change to the rules governing burden of proof to the detriment of the customer is not connected with the above rules.

To redeem a warranty, please contact our hotline (Tel. 0848 212 000).

Environment

Our environmental statement

We at Gigaset Communications GmbH are aware of our social responsibility. That is why we actively take steps to create a better world. In all areas of our business – from product planning and production to sales and waste of disposal – following our environmental conscience in everything we do is of utmost importance to us.

Learn more about our earth-friendly products and processes online at www.gigaset.com.

Environmental management system



Gigaset Communications GmbH is certified pursuant to the international standards ISO 14001 and ISO 9001.

ISO 14001 (Environment): Certified since September 2007 by TÜV SÜD Management Service GmbH.

ISO 9001 (Quality): Certified since 17/02/1994 by TÜV SÜD Management Service GmbH.

Disposal

All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.



This crossed-out wheeled bin symbol on the product means the product is covered by the European Directive 2012/19/EU.

The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.

For more detailed information about disposal of your old appliance, please contact your local council refuse centre or the original supplier of the product.

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Gigaset Communications GmbH
Frankenstr. 2a, D-46395 Bocholt

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