

SIEMENS



Gigaset SL370 | SL375

Environmental Product Declaration
according to ISO 14021

CORDLESS HOME COMMUNICATION

Gigaset

1 | Our environmental mission

We at Siemens Home and Office Communication Devices GmbH & Co. KG have a responsibility to society, and are dedicated to meeting that responsibility and helping to bring about a better world. Our ideas, technologies and actions serve people, society and the environment and the goal of our worldwide activities is to safeguard the foundations of human life. We acknowledge our responsibility for products over their entire lifecycle. The impact of our products on the environment is assessed in product and process planning, taking production, procurement, sales, usage, service and disposal into account.

2 | Manufacturer

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Registered offices of the company: Munich

Commercial register: HR A 86401 (Munich Local Court)
VAT reg. no.: DE 814469745
Tax number: 146/636/25500
WEEE reg. no.: DE 47474747

More information is available at:
<http://gigaset.siemens.com>

3 | Environmental management system

Siemens Home and Office Communication Devices is certified according to the quality standards EN ISO 14001 and ISO 9001.

ISO 14001 (Environment), certified since September 2007
by TÜV SÜD
Management Service GmbH

ISO 9001 (Quality), certified since February 17, 1994
by TÜV SÜD
Management Service GmbH





4 | Product description

Gigaset SL370 / SL375

These phones are small and stylish with Bluetooth® technology for enhanced mobility at home.

The Gigaset SL375, which won the iF design award in 2007, is the smallest and lightest phone in the Gigaset family. Thanks to integrated Bluetooth® technology it offers the freedom of advanced mobile calling. Users can seamlessly transfer address data by vCard entries to and from a mobile phone, or connect a wireless headset and be free to roam at will while they chat. Users can also make the most of simple data synchronization using the Gigaset QuickSync software and enjoy customizing the phone to truly make it their own. This software allows you to choose your favorite preinstalled polyphonic ringtone and even assign different images to phonebook entries using Picture CLIP.

Product details

<i>Device</i>	Gigaset SL370/375
<i>Usage</i>	Analog connection / private branch exchanges
<i>Standards</i>	DECT, GAP, SMS protocol 1

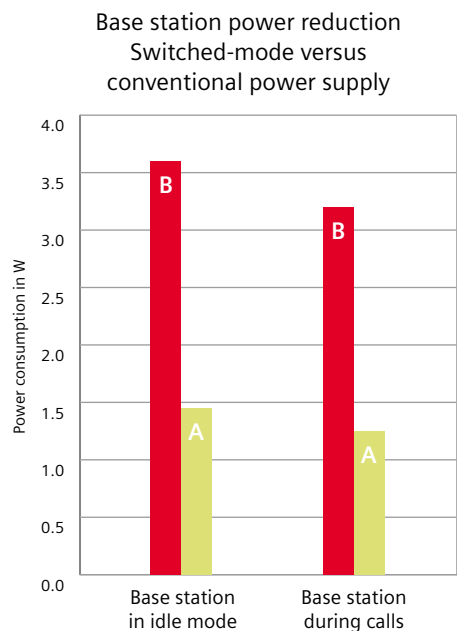
- › Cordless analog phone, with/without answering machine
- › Bluetooth interface
- › Color display, 6 lines, 65,000 colors
- › Illuminated keypad
- › Standby time of 200 hours, talk time up to 10 hours
- › Convenient hands-free feature in full-duplex quality
- › SM2 headset port
- › Address book for up to 250 vCard entries; transfer to/from a mobile phone via Bluetooth
- › Vibration alert
- › SMS function (640 characters)
- › Polyphonic ringtones (32 chords)
- › Caller display (CLIP and CNIP)
- › Gigaset SL375: answering machine with up to 40 minutes of recording time



5 | Ecological power use – ECO DECT in the Gigaset SL370 | SL375

ECO DECT saves energy and makes an active contribution to environmental protection. ECO DECT addresses the following points:

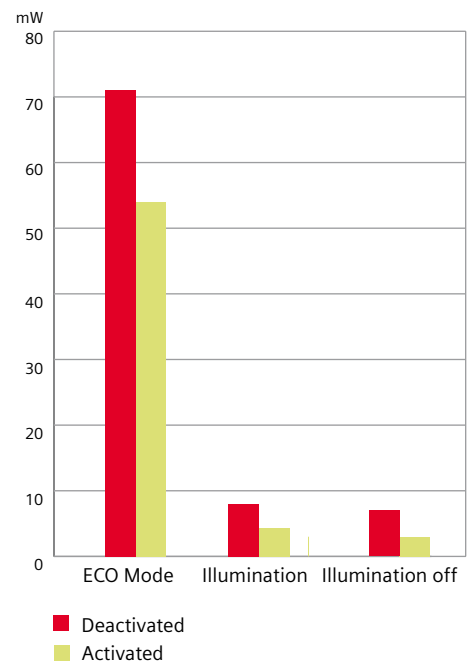
1. The use of switched-mode power supplies (A) in the base station cuts consumption by up to 60% compared to conventional power supply units (B).





2. If customers select "ECO Mode," they can also **manually** reduce the transmission power of the base station and handset by 80%. The handset's power consumption can be cut by 25% increasing talk time by 33%; as a result, the range is reduced to about half the distance.
3. For many years now, Gigaset DECT handsets have enabled the **automatic** adjustment of transmission power – depending on the distance to the base station. For example, transmission power is reduced by approximately 75% at a distance of up to five meters.
4. For the first time, power consumption for the display illumination has been reduced without dimming its brightness. **In idle mode**, the handset then uses 30% less electricity and the standby time is increased by 43%.
5. In addition, customers can reduce the handset's power consumption by switching off its illuminated screen and keypad. As a result, 58% less electricity is consumed and the standby time is increased by 138%.

Power savings



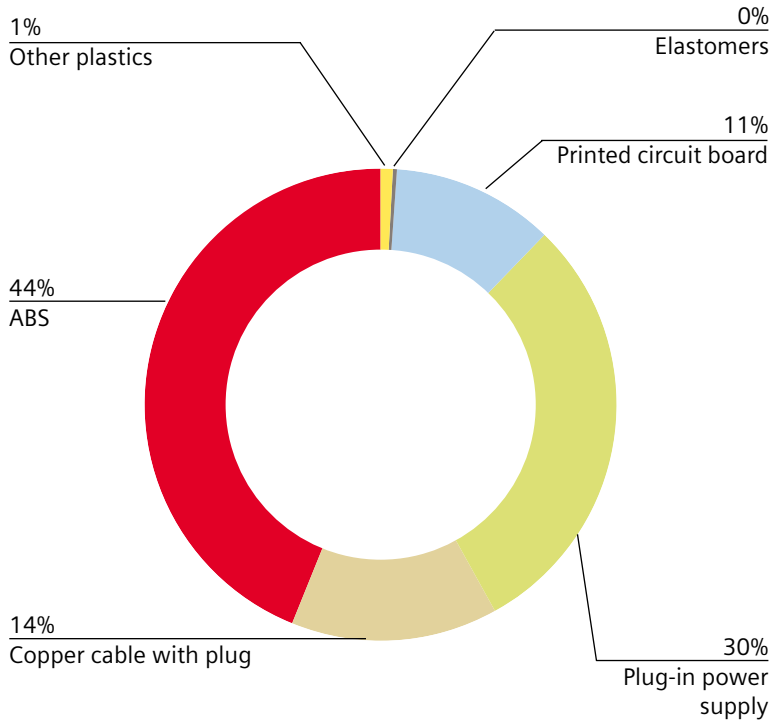
Usage phase

Typical annual power consumption of the base station **approx. 16 kWh/year**

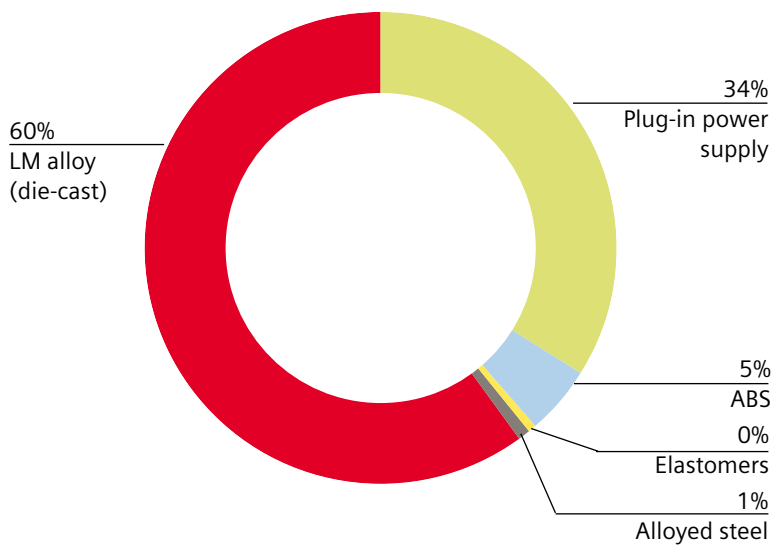
$$2,15 \text{ W} \times 24\text{h} \times 365 \text{ days} = 16 \text{ kWh/year}$$

6 | Environmental protection begins in the product creation phase

Gigaset SL370/375 – Base station



Gigaset SL37 charger cradle



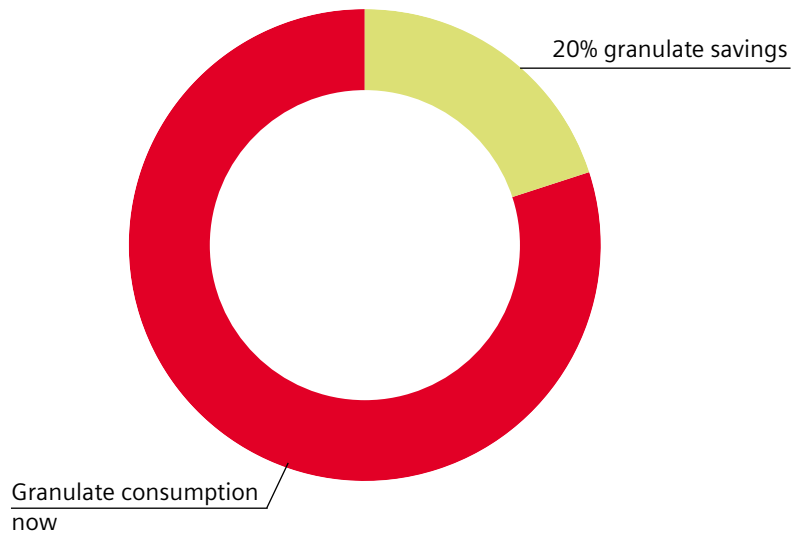


7 | Material savings

7.1 Thin-wall technology

Over the last few years thin-wall technology has been successfully implemented in phone cases. In this time, wall thicknesses have been reduced from 2.5 to 2.3 mm and are now at an average of 1.8 to 2 mm. This corresponds to granulate savings of more than 20%, without sacrificing mechanical stability and robustness.

Granulate savings with thin-wall technology



7.2 Optimization of packaging

The weight (from 106.1 g [SL150] → 85.2 g) and size of packaging (L x W x H: 248 x 186 x 108 mm → 224 x 166 x 88 mm) have been significantly reduced. As a result, far more units (50%) can now be transported in each shipping container.

The basic purpose of primary packaging is to protect the product. Drop and continuous shock testing (simulating transportation) are required. We use LDPE film to protect the surfaces of certain parts, as well as 100% recycled corrugated cardboard as packing material. Film usually accounts for around 4% of the total packaging. Both this film and cardboard can be recycled.

8 | Manufacturing

8.1 Environmental requirements

The Gigaset SL370 and SL375 are manufactured exclusively in Germany. SHC attaches prime importance to compliance with all relevant laws and regulations. Through its management system and environmental performance SHC is able to meet these requirements and will keep on improving. It goes without saying that SHC also respects all local environmental requirements.

8.2 Effects of automation

Moreover, the high degree of automation in SHC's production processes has a limited impact on the environment through energy saving and efficient machine utilization. For example, the electronic circuit board of these devices is produced solely on production lines with a cycle time under 8 seconds and an efficiency greater than 65%.

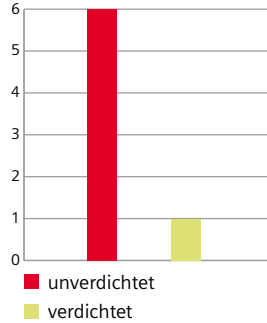
8.3 Manufacturing concepts

SHC believes in a short feedback path for testing. All process parameters are controlled cyclically so that any problems can be detected promptly (before they arise) and non-conformance is minimized. Every step in the value chain is checked separately to help identify potential errors at an early stage.

Process controls and short feedback paths for testing therefore minimize material waste (components and process aids). Rejects are continuously monitored, with the goal of achieving a rate of less than 1%.

8.4 Refuse disposal

Packaging material and electronic scrap are strictly separated in "environmental islands" at SHC's production facilities and recycled by local service providers. To reduce the volume, the individual materials are compacted by roller presses. The compaction ratio for cardboard boxes for example, is 6:1. This enables more efficient transportation of around 800 tons of cardboard a year.



8.5 Work safety

SHC is especially committed to protecting the health and safety of its manufacturing employees, this is why SHC takes such great care to protect its employees at their workplace. This includes steps such as responsible management, instruction, sensitization and process engineering, prevention of and planning for emergencies, systematic investigation into the causes of accidents, quick availability of medical aid, documentation, regular reporting and continuous improvement.

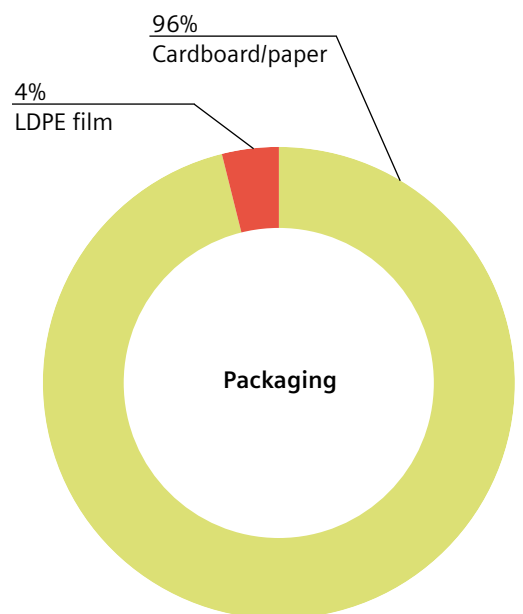




9 | Transport packaging

All suppliers of packaging to Siemens Home and Office Communication Devices GmbH & Co. KG are members of RESY. RESY (Organisation für Wertstoff-Entsorgung GmbH), an organization for the disposal of valuable materials, was established in light of the German Packaging Ordinance. This ensures the return and recycling of packaging that is made from paper and cardboard and has been used in transportation within **Germany**. Each user is given a four-digit ID that has to be printed clearly and visibly on transport packaging made of paper and cardboard, along with the RESY symbol.

All secondary packaging has the RESY symbol on it to indicate that the specifications of the Packaging Ordinance for transport packaging have been met.



10 | Distribution

When goods are shipped to the customer, they are consolidated regionally at the Siemens AG level and distributed as part of the IDS network. As a result, optimal use is made of the cargo space of each means of transport.

The Siemens Logistics Network (SLogN) is the basis for the efficient and secure movement of goods. The core of this transport network is a pool of highly qualified service providers who offer the best prices and performance thanks to the pooling of Siemens-wide needs.

The use of transportation resources is being optimized by continuing improvements in the size of product packaging. The packaging units of our suppliers are optimized ahead of procurement to ensure that the means of transport is fully loaded (e.g. containers in the case of sea freight).

In overseas logistics chains, we try to ensure that marine transport is used as much as possible. Transportation of goods by rail or inland waterway is preferred over trucks, reducing emissions by 50 percent. Air freight for transporting goods internationally is the exception; however shipment by sea has priority as a matter of principle.

11 | Disposal

Our takeback concept

In accordance with European directives on the disposal of electrical waste and electronic equipment (2002/96/EC), packaging (94/62/EC) and batteries (91/157/EEC), these devices may not be thrown away as domestic refuse. The relevant national statutory regulations must be observed and the devices must be disposed of via the approved channels.





12 | Our service concept

Should the need ever arise

If a device should ever prove to be faulty, it is not replaced by a new one, but repaired and returned free of defects to the customer. This concept creates significant advantages. When devices are replaced by previously repaired products the law requires that cosmetic parts, such as cradles, receiver insets or microphones are also replaced – something that our service concept eliminates, saving materials and resources.

This product environmental statement is not a warranty for the qualities of a product. It also does not warrant that the product retains a specific quality for a specific length of time. It is for information purposes only. We reserve the right to modify product design and specifications without prior notice. Please contact your Siemens representative to get the latest information.