

# CosyCall™

the cellular remote control for your car heater



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## Introduction

Thank you for choosing Skyyenet *CosyCall*. To easily install and use it please take a few minutes to read this manual **before** using it.

There is no liability for personal or material damage resulting of improper usage or not complying with the user manual. These cases are also not covered by the guarantee. There is no liability for any damage resulting out of these cases.

*CosyCall* consists of a main unit and a connection cable. Installation is fast and easily done. You will need a still callable mobile network card. Its PIN has to be either deactivated or set to „0000“. If you insert a mobile network card with activated PIN which is not „0000“ *CosyCall* tries to register with this code. As a result the mobile network card may be barred and can only be reactivated by entering the PUK.

The *CosyCall* fitted with a still callable mobile network card is connected with the included connection cable to the control unit of your car heater. To activate your car heater you just call the telephone number of the inserted mobile network card.

This could be an empty prepaid card. By calling your car heater will be activated for 30 minutes (default value, changeable) and warms your car's interior.

For questions and hints please also refer to [www.cosycall.de](http://www.cosycall.de). Here you may also find an updated manual and frequently asked questions.

We wish you always a warm car with your new *CosyCall*.

## Unpacking (Checklist)

*CosyCall* may be used with different car heater models so the package content is individually collected for you. If you have ordered all components it consists of:



Illustration 1



Illustration 2

- Main unit (Illustration 1)
- Connection cable from main unit to control unit (Illustration 2)

Before installing *CosyCall* please make sure all above mentioned parts are included.

## Security notes

Please mind while installation that even with deactivated engine the wires are under current to grant function for the car heater when the car is not used.

After having pulled out the original heater manufacturer's heater control unit out of the cockpit a cubic cable with four pins is visible which is under 12V current. While connecting *CosyCall* you have to make sure every connection is done correctly. All connections have a security against wrong connection. You must not try to force connection as everything should fit easily.

*CosyCall* does not have own fuses as it is only an add-on for already installed and correctly fused car heaters.

## Connection

Before connecting the connection cable please unscrew the four silver screws at the top of the main unit with a philips screwdriver.



Illustration 3



Illustration 4

Take off the top (illustration 3) and insert a mobile network card (SIM) with deactivated or set to „0000“ PIN into SIM card holder. This is labeled with „insert sim here“. This is done by sliding the top of the SIM card holder to the left and pulling it up. Insert the SIM card into the top and close it. Then slide it to the right. You can see little arrows on the top which show the directions with „open“ and „lock“. Please mind the orientation of your SIM card. (illustration 4). It has one diagonal corner. Now close *CosyCall* by screwing the four screws.

Insert the *CosyCall* connection cable with the massive silver plug into the *CosyCall* main unit (illustration 5) and lightly wind the locknut. The plug has a reverse protection so it can only be connected in one position.



Illustration 5



Illustration 6



Illustration 7

Draw the control unit (illustration 6) out of your car's cockpit. This is placed upon a plastic pin. A cable is connected to the back of the control unit (illustration 7). Please unplug this and connect it (illustration 8) and connect it to the *CosyCall* connection cable (illustration 9 left). On illustration 9 the cable has been connected in front of the cockpit for demonstration purposes only. In real life you would like to connect it behind the cockpit.



Illustration 8



Illustration 9



Illustration 10

At the connection cable now there is only one plug left which is drawn from behind through the existing hole in the cockpit and plugged into the control unit instead of the formerly existing cable (illustration 9 right and 10).

*CosyCall* may be placed under the glove compartment. As all cars have different possibilities for placement we can not give a general recommendation here.

If *CosyCall* has been connected correctly, the green „standby“ led begins to shine. *CosyCall* now tries to connect to the GSM network. When this is successful the „standby“ led begins to blink every two seconds.

## Configuration

Your *CosyCall* is configurable in different ways. This is done by sending a configuration sms. You have two ways to do this.

### Configuration via our website

The most comfortable way to configure your *CosyCall* is by using the support section on our website [www.cosycall.de](http://www.cosycall.de). Please be aware that this service may be suspended at any time and configuration is not possible for foreign sim card.

### Configuration via SMS

Alternatively you may configure your *CosyCall* by sending an sms. This is done by sending an sms to the phone number of the sim card inserted into *CosyCall*. Every *CosyCall* has its own security code to prevent unauthorized usage. Please check your prove of purchase to find yours.

Configuration	Command	Values	Defaults
Change heating time in seconds	O1:xxxxx.	1 - 99999	1800
Add phone number	CL:xxxxxxxxxxx.	phone number	
Remove phone number	CD:xxxxxxxxxxx.	phone number	
Switch on <i>CosyCall</i> directly by sms	O1ON.		
Switch off <i>CosyCall</i> directly by sms	O1OFF.		

An sms command always starts with the security code followed by one or more commands. Each command has to end with a dot. Following you will find some examples where we assume the security code „1234“.

1234 O1:900.                      Configure heating time to 15 minutes

1234 O1ON.                        Switch on *CosyCall*

1234 O1OFF.                       Switch off *CosyCall*

1234 CL:+491701234567.    Add phone number +491798765432 to allow *CosyCall* activation by call

1234 CD:+491701234567.    Remove phone number +491798765432 from list of allowed numbers

Attention: Sending of commands or values not described here may result in undefined behavior of your *CosyCall*. For example setting the heating time to „0“ will activate your car heater permanently resulting in an empty car battery soon.

## Usage

From now on you may activate your car heater in two different ways. Like before it may be used via the control unit programming or directly activating it.

New is the activation by call. If you call the phone number of the sim inserted into *CosyCall* it activates your car heater for 30 minutes (default value, changeable). On *CosyCall* a red led labeled „active“ turns on to indicate the car heater has been activated. If your call was successful it's immediately terminated by *CosyCall*. If your car is located in an area with insufficient gsm network coverage you will hear a message from the mobile network indicating the called number is not available right now. Then *CosyCall* can not activate the car heater. This is possible e.g. in underground garages where the usage of car heaters may be prohibited anyway. If you have the chance to relocate your car try this. If you often use a place that has no gsm network coverage try to use a sim card of a different gsm network provider. *CosyCall* works with the gsm frequencies 900 and 1800 and thus in all european gsm networks.

*CosyCall* is powered by the already installed connection cable of the car heater.



## Solving of faults

error	possible cause	solution
„standby“ stays dark	no electrical power	check connection cable
„standby“ blinks rhythmical twice	no SIM inserted or no connection to SIM	clean contacts of SIM
„standby“ blinks rhythmical three times	PIN of SIM is activated and not „0000“	deactivate PIN of SIM or set to „0000“
„standby“ shines permanently	No GSM network available	Change position or use mobile network card of other mobile network
„standby“ shines 3 minutes and then turns off	CosyCall not configured	Call <i>CosyCall</i> within 3 minutes after power on
CosyCall does not activate your car heater after being called	Telephone number of calling telephone is unknown or not send	Configure <i>CosyCall</i> to accept incoming phone number and/or enable transmission of phone number on this phone
CosyCall does not react to configuration SMS	Security code wrong or no GSM network available (does „standby“ blink rhythmical every two seconds?)	Check reception and security code on your prove of purchase
An error not described here does occur	unknown	Check faq on our website. If you don't find an answer please write us an e-mail.

## Technical Data

Size:	127x77x40mm
Weight:	185g
Voltage:	5-32V d.c.
Current consumption (standby):	15 mA
Current consumption (active):	500 mA
Operating temperature:	-20°C to +55°C
Cellular networks:	GSM 900 / 1800 MHz Dual Band
Cable:	ca. 95 cm
Note:	The <i>CosyCall</i> has to be operated dry and shockproof.

## Guarantee

Each *CosyCall* leaving our place has been checked intensively. Skyyenet gives a 6 months guarantee on each *CosyCall* while implied warranty is not restricted in any way.

We will handle the guarantee described by the following rules to achieve that the product has no faults if the fault does occur within the guarantee period and is caused by a material or production fault.

1. The guarantee period is 6 months. This period begins with the purchase. Relevant is the date on the prove of purchase.
2. Not covered by the guarantee are:
  - Faults which are caused by usage or other natural abrasion.
  - Faults caused by not complying to the user manual, usage in a not intended way, abnormal environmental conditions, inadequate operating conditions or overload.
  - Faults caused by the usage of add-ons or replaced parts.
  - Products which have been modified in any way
  - Minor variances from the normal consistence which are exiguous for the value and usability of the product
3. Faults which we accept as being under the guarantee will be handled on our decision either by repairing or replacing the product (or with a follow up product) on our account. Replaced products or parts become property of us.
4. The guarantee has to be claimed within the guarantee period. The faulty product and the original prove of purchase including the date of purchase and the product model have to be send to us completely. Partly or completely taken apart products can not be accepted as guarantee case. If you send the product to us the cost and risk of transport are yours.
5. Other claims than the described right to have a product with no faults are not covered by this guarantee.
6. By repairing the product the guarantee period is not extended.

For this guarantee German law is applicable.

## **Information concerning ElektroG**

The electronic units law defines a return obligation for the producer for certain electronic devices.

According to the eu faq list and the emv document a device has to comply with ElektroG if it fulfills a users aim on its own.

*CosyCall* is an add-on to car heaters. It is not usable on its own without a car heater and thus does not have to comply with ElektroG. Anyway, we grant you the right to send your *CosyCall* at every time in every condition to us. The device will then be transmitted into the property of us. It will be recycled or deposited.