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Safety Instructions

**Improper installation**
Improper installation may cause damages to the unit or to the vehicle! The installation of the hands-free car kit requires special knowledge and special abilities. We therefore strongly recommend to have the installation done by a professional.

**Personal injury**
Inappropriate places for the installation may cause personal injuries in accidents or may disable the safety equipment. Note the directions in the chapter “Installation”!

**Personal injury / Material damage**
When you remove coverings or armature parts, sharp tools may cause personal injuries or material damage. Remove the parts carefully. Don’t submit the connecting cables to pressure.

**Negative effects on road safety**
Talking whilst driving reduces your concentration. This may cause dangerous situations on the road. Also in hands-free mode, you should draw your attention to the traffic. In complex traffic situations you should refrain from using the mobile phone!

**Damage of the air bag**
A wrong place selected for the installation of the components may cause damage to the air bag or impair the functioning of the air bag. Install the components out of range of action of the air bag!
Insulation damage
Damaged insulations may cause damages of the unit. The cables installed should not be exposed to tensile stress. Install the cables such as they are not pinched or chafed.

Damage caused by polarity reversal or short circuiting
Incorrectly connected cables or a short circuit may cause serious damage to the equipment. It is essential to disconnect the car battery before you begin installation.

Damage of important vehicle components
Drilling mounting holes or driving in self-tapping screws may cause damage to important vehicle components or to cables. Make sure there is enough space left also behind the screws und drilling holes!

Effects on the vehicle’s electrical system
Although the hands-free car kit produces low amounts of radiation, improper installation of the hands-free car kit may influence the electronic equipment of the car. Note the directions of the vehicle manufacturer!

Proper use
This system is intended for use exclusively with mobile phones in motor vehicles.

Damages caused by false replacement parts
False replacement parts may cause disturbances. Only use the replacement parts listed in the chapter “Replacement parts and Accessories”!
Introduction

Thank you for purchasing a TellPhone hands-free car kit. Our communication solutions make an important contribution to road safety and the convenient use of your mobile phone in the car.

TellPhone 5000 offers you the possibility of operating different mobile phones in your vehicle with the same universal unit. This is made possible by the Bluetooth® radio transmission standard.

Before you fit the "TellPhone 5000" into your vehicle, please ensure that your phone functions correctly with the "TellPhone 5000". If you are unsure, ask your dealer or repair workshop. Our information service will be happy to help you too. More details on compatibility with various mobile phones can be found on our web site.

To increase operating convenience and safety while phoning, the TellPhone 5000 has interactive voice control.

Please note that the installation of this hands-free system requires special knowledge and skills.

We strongly recommend that the installation is carried out in a specialist workshop.

The steps for a correct installation

Before you start with the installation make sure that all parts of the Basis Set are present (see “Extent of Supply”). Prepare the necessary tools. Determine the places for the components as described in the chapter “Installation”. Install the hands-free car kit into the car according to the directions in the installation manual.

After the installation

After fitting the system, take some time to familiarise yourself with how it operates. Before using your hands-free car kit on the road, make some phone calls in order to find out the optimum conditions for volume and direction of speech.

We wish you a successful installation!
Extent of Supply

1. electronic box
2. screw kit for elektronik box
3. Display (screw kit)
4. control unit
5. Battery for the control unit
6. Microphone with holder
7. Fuse holder *)
8. Fuses *)
9. Cable connector *)
10. Connecting cable set *)

*) as per supplied version
Installation

Improper Installation
Improper installation may cause damages to the unit or to the vehicle! The installation of the hands-free car kit requires special knowledge and special abilities. **We therefore recommend to have the installation done by a professional.**

Finding out preconditions

Vehicle
This hands-free kit must only be operated in vehicles with a 12 V DC battery, minus connected to earth. Without a built-in car radio you need an auxiliary loudspeaker.

Phone
You need a compatible Bluetooth® phone to use this system.

Muting
This facility automatically mutes the car radio when you receive or make a call. This hands-free car kit supports the muting of the car radio. Please check in the information on your car radio whether it provides a radio mute connection.

Auxiliary loudspeaker / Car radio’s telephone connection
The change-over of the sound from the car radio speakers to the hands-free car kit loudspeaker is achieved by switches which support a maximum power output of 35 W (sinus). A power output which exceeds 35 W will reduce the durability of the switches. If you need a higher power output either the car radio’s telephone connection or use 5 W / 4 Ohms auxiliary loudspeakers.

Preparing the tools
You need:
- crosstip screwdriver PH 1 x 80
- universal pliers
- side cutting pliers
- hand drill with 2,0 mm drill
- vehicle specific tools for removing possible coverings
- radio removing tools
- 4-10 cable bonds
- approx. 1 m binding wire in order to rout cables under the car’s trim
- degreasing agent such as spirit (see “Mounting the microphone”)
**Selecting the place**

**Personal injury**

Inappropriate places for the installation may cause personal injuries in accidents or may disable the safety equipment.

**Selecting the place to mount the electronics box**

The electronics box contains the antenna for radio communication with the mobile phone and control unit. The beam should preferably be directed towards the front. For vehicle installation, therefore, it should be positioned overlooking the passenger compartment. Vertical installation is optimal. Metallic screening between the front faceplate and the passenger compartment, such as faceplates made of metal or metallised plastics, are not permitted. Installation positions behind other devices, such as behind the car radio, behind the dashboard or above a glove compartment secured using metal, are unsuitable. A cover made of plastic, textile materials or wood will not cause any problem.

**Also unsuitable:**

- near the leg or knee
- wherever there is a possibility of the head being struck
- airbag’s area of action
- in the engine compartment

**Suitable places for the electronics box:**

- under the panelling beside the central console in the passenger seat area
- vehicle-specific built-in console (specialised dealers)

Suggested installation positions are shown in the picture below:
Check cable lengths
Before you cradle the components permanently, check if you have selected the mounting locations so that the cable lengths are long enough to connect the individual parts with each other. Observe the following pointers when deciding on the installation locations:

Unsuitable places for the microphone:
• close to the speaker (less than 80 cm away)
• under the dashboard
• in the current of air from the window or ventilator

Suitable places for the microphone:
• when the sound of the voice can strike the microphone without hindrance, the distance between the speaker and the microphone should be approx. 35 cm
• on the A-pillar (between front and side window panes)
• beside the driver’s sun visor
• on the dashboard
• on the steering column

Unsuitable places for control unit:
• Airbag’s action area
• anywhere where there is a possibility of the head being struck
• outside the driver’s reach

Suitable places for control unit:
• central console between driver and passenger
• On the dashboard, at a point within easy reach of the driver

Mounting the electronics box
Specialised dealers provide built-in consoles for a range of passenger cars. They can accommodate all elements in the unit, including the electronics box. If you are not using a built-in console, proceed as follows:

Decide on where to mount it
Ensure that there is approx. 70 mm space free for the plug-in connectors. Mark the screw positions and pilot bore the holes with a 2-mm drill.

Installing the electronics box
Use the four metal drive screws with the appertaining washers from the set of screws included in the scope of supply to affix the electronics box.
**Attaching the microphone**

**Decide on where to mount it**
There is a self-adhesive strip on the rear of the microphone holder. In shape and size the bearing surface must suit the adhesive surface of the microphone holder. The connecting cable must extend up to the electronics box!

Position the microphone with its speaker opening facing the direction of speech. The picture on the right shows a possible mounting position for the microphone. Alternatively, the microphone may also be attached to the sun visor by means of the clip included in the scope of supply.

**Clean / remove grease from the sticking surface**
Adhesive surfaces must be free of grease and dust. Clean the designated surface with a suitable detergent such as spirits. Only use detergents which do not dissolve plastics or varnished wooden surfaces and which are not greasing themselves. Unsuitable agents are e.g. cleaning grade petrol, acetone, turpentine, trichloroethylene and similar detergents.

**Sticking on the microphone holder**
Pull the protective foil off the adhesive strip. Hold the microphone holder at a distance of some millimetres over the desired mounting position. Check the position again. It will not be possible to correct the position once the holder is stuck on. Place the microphone holder on the adhesive spot and press briefly with moderate strength.

**Mounting the microphone**
Mount the microphone by putting it on the holder and aligning it in the direction of speech.

**Attaching the display**
The display can be attached in a number of different ways and can therefore be adapted to a wide range of mounting positions within the vehicle.
• Using the adhesive strip, on a flat and as vertical a surface as possible. However, it will not be possible to realign the display later. This type has the lowest assembled height
• Using the ball joint, also on as vertical a surface as possible. The advantage of this type is that the display can be realigned later at any time. The required sticking area is also smaller, although the display does protrude further into the vehicle’s interior
• The base can be used to mount the display within the driver’s field of vision. This type is preferable because, in order to read it, the driver turns his gaze away from events on the road less than with the other types. The base can either be stuck down or screwed in

Find the installation position that suits you best. Sit behind the steering wheel as normal and find a position in which you can see the display well at all times. You should be able to view the display at right angles, otherwise you will need to account for troublesome reflections or glare.

Now check that the cable length is sufficient for the position you have selected. It is essential that the cable is installed neatly. If the cable reaches the electronics box without a problem, you can attach the display.

**Option 1: Sticking**

Adhesive surfaces must be free of grease and dust. Clean the designated surface with a suitable detergent such as spirits. Only use detergents which do not dissolve plastics or varnished wooden surfaces and which are not greasing themselves. Unsuitable agents are e.g. cleaning grade petrol, acetone, turpentine, trichloroethylene and similar detergents.

Remove the protective film from the adhesive strip. Hold the display, the ball joint or the display base a few millimetres above the required mounting position. Check the position again. Once the part is stuck down, it will not be possible to correct it later. Place the part onto the adhesive surface and briefly apply moderate pressure.
**Option 2: Screwing**
The base can also be attached using the two screws enclosed. Use a stylus or a sharp object to mark the positions of the base's screw slots on the dashboard. Screw in the screws, but do not tighten them just yet. Now push the base with the screw slots underneath the screw heads and tighten the screws.

**Mounting the Control Unit**
The control unit is affixed inside the vehicle at a point that is within easy reach. Find the installation position that suits you best. Sit behind the steering wheel as normal and find a position in which you can reach the control unit easily at all times. It does not matter whether or not you are able to see the control unit as it is operated. Make sure there is enough space next to the control unit to be able to press the release button on the side, (i.e. approx. a finger width).

Adhesive surfaces must be free of grease and dust. Clean the designated surface with a suitable detergent such as spirits. Only use detergents which do not dissolve plastics or varnished wooden surfaces and which are not greasing themselves. Unsuitable agents are e.g. cleaning grade petrol, acetone, turpentine, trichloroethylene and similar detergents.

Remove the protective film from the adhesive strip. Hold the control unit a few millimetres above the required mounting position. Check the position again. Once the part is stuck down, it will not be possible to correct it later. Place the control unit onto the adhesive surface and briefly apply moderate pressure.

**Inserting the battery**
Press the release button on the side (beneath the green button) and lift off the top section. With the positive terminal downwards, insert the supplied battery into the bottom section until you hear it lock in place. Now replace the top section. Make sure you hear it latch.
Producing the electrical connections

Damage by reverse polarity or short circuit

Short circuits or cables connected in reverse polarity can cause severe damage to the unit. Ensure the vehicle’s battery is disconnected before you start the installation procedure.

Use the supplied fuse holders and cable connectors for connecting the cables. If you use a cable connector, the cables which are to connect don’t have to be stripped. The connection of the cables is shown in the pictures below:

Transmission through the car radio’s phone connection

If your car radio has a phone connection (also often designated „Line-In“), you can connect the electronics box’s speaker output (green and violet wires in the connection cable set) to this directly, as shown in the sketch. This is the most convenient solution.

Transmission through the car radio’s speakers

If your car radio does not have any phone connection, you can connect the speaker output to the electronics box (green and violet wires in the connection cable set) to the existing car speakers as shown in the sketch.

It is recommendable to use the speaker on the front right because the risk of feedback there is low and it is easy to hear. There will be an automatic change-
over from radio to hands-free speaking operation.

**External additional speaker**

In the following cases, you will have to use an additional speaker (4W, min. 5W):

- if the car radio’s speakers are not to be used
- if the speaker channel’s output power exceeds 35 W (sine) and there is no available phone connection on the car radio
- if the car radio is operated with active boxes and there is no available phone connection on the car radio

Feedback impairs intelligibility. Affix the additional speaker at a distance of at least 80 cm from the microphone. To affix the external speaker, follow the instructions given by the respective manufacturer.

The speaker must be connected as shown in the sketch on the next page.
Connecting the components to the electronics box

The individual components are connected to the electronics box as follows:

- Insert the microphone coupler ➀ into the jack bush with the microphone symbol
- Insert the display cable ➁ into one of the two jacks until it locks in place
- Insert the connection cable set ➂ to the electronics box.

Test for Correct Functioning

The test for correct functioning is only possible when the system has been connected to a compatible Bluetooth® phone. Please refer to the relevant section further on in this manual to find out how to proceed.
Safety Instructions

**Negative effects on road safety**
Talking whilst driving reduces your concentration. This may cause dangerous situations on the road. In complex traffic situations you should refrain from using the mobile phone!

**Introduction**
Take some time to familiarise yourself with how the system operates in combination with the mobile phone.
First make some calls to find out the optimum conditions for volume and speech direction before you use the unit in traffic.
The use of voice control also requires some preparation, e.g. for setting up name entries for the recommended dialling with names.

*We wish you a convenient use of your hands-free car kit!*

**Vehicle**
For putting the system into operation, the vehicle should be parked in a quiet place. It is advantageous to arrange in advance to be able to call someone willing to take the time to help you test out connections.

**Principles**
The hands-free system switches on when the ignition is turned on. (You know it is ready if the display backlighting is on and you can see the TellPhone Logo).
It remains active as long as the ignition is on. If the car radio speaker is used, it is not necessary for the radio itself to be on.
To be able to phone with the system, a compatible Bluetooth® phone has to be connected to the Bluetooth® adapter. In the following sections you will find out what else you have to do and what else you need to know about Bluetooth®.

**Bluetooth® Technology**
Bluetooth® technology is radio technology, which means that communication is possible without cables. Data and speech can be transmitted simultaneously. There is no need for a line-of-sight connection between the participating devices. The typical radio range in a free sound field is 10 m. However, interference from other electrical devices or obstructions may reduce the range. The frequency band in which Bluetooth® works has been released throughout almost the entire world. That and the fact that every Bluetooth® product is tested and qualified for perfect co-operation with other Bluetooth® appliances ensures the greatest possible compatibility of devices from different manufacturers.
TellPhone 5000 supports the Bluetooth®, headset and handsfree profile. In other words, you can use it to operate telephones that support the Bluetooth® headset profile or the Bluetooth® handsfree profile. If necessary, please refer to the operating manual that came with your mobile phone for details of which profile it supports. Please visit the Internet home page to find the information you require on compatible mobile phones.

Display and control elements
TellPhone 5000 is operated using an offset display and a wireless control unit:

**Display**

The display shows messages from TellPhone 5000 plus information entered by the user. If the system is ready for operation, the display will show the name of the network provider, the name of the user and the network field strength. If a telephone is connected via Bluetooth, its name will also be displayed along with other information, depending on the telephone. Hereafter this state will be defined as the main screen.

**Control unit**

The control unit has two buttons plus a rotary encoder with pushbutton function.

The rotary encoder (left, right) is used to adjust the volume during a conversation and to scroll through the menus. When the main screen is displayed, briefly pressing the rotary encoder will open up the main menu. Within the menu it can be used to select an entry and open a corresponding submenu.

Pressing down the rotary encoder for longer starts the voice dialog. Pressing any key ends the voice dialog. Further information on voice control of the TellPhone 5000 can be found in the chapter entitled “Voice control”.

The red and green buttons are used to accept or reject an incoming call.

**Additional functions of the green button:**
In the main screen:
Calls up the list of previously dialled numbers.

In the phonebook and call registers:
Dialling status of the number currently selected.
In the menus:
Selection of active menu item.

**Additional functions of the red button:**
In the main screen:
Calls up user selection. Further information on user selection can be found in the chapter entitled “User management”.

In the menus:
Short key press: Jumps back from current submenu.
Prolonged key press: Jumps back to main screen.

In editor mode (e.g. creating a phonebook entry, changing the user name):
Short key press: Deletes last character.
Prolonged key press: Aborts.

---

**Putting the TellPhone 5000 control unit into operation**

**Battery type**
- Only use lithium batteries, type CR2477. Other batteries may cause the unit to operate incorrectly or may even damage the unit.
- The manufacturer accepts no liability for damage caused by the use of incorrect batteries.
- The battery is not rechargeable.

**Inserting the battery**
- Press the green release button on the front end of the control unit and lift off the top section.
- Push the battery into the battery compartment at an angle, with the positive terminal (+) downwards, and press in hard to lock in place. Once inserted, the labelled side of the battery must not be visible.
- Put the top section back on straight and press down until it locks in place. The signal lamp lights up briefly. The control unit is now ready for operation.

**Removing the battery**
- Press the green release button on the front end of the control unit and lift off the top section.
- On the side of the battery compartment that is opposite the battery contact, use a sharp object (pen or similar) to push underneath the battery at an angle and lever out the battery.

**Registering the control unit on TellPhone 5000**
- A one-off registration of the control unit on TellPhone 5000 is required.
Putting into operation for the first time

Registering the control unit
The first time you put your TellPhone 5000 into operation you will need to register the radio control unit on TellPhone 5000. To do this, switch on TellPhone 5000 by turning on the ignition and press the red and green buttons on the control unit simultaneously within the first 10 sec. of switching on TellPhone 5000. This ensures that your TellPhone 5000 only reacts to your control unit.

Selecting the menu language
Next, select your required menu language. A list of all available languages is displayed.

Selecting the connection type
Please switch your mobile phone on first (if you have not already done so) and activate the Bluetooth function (“Visibility”) in the mobile phone menu. If necessary, look in your mobile phone’s operating manual to check the exact procedure.

TellPhone 5000 then searches for mobile phones in its receiver’s range. This process takes approx. 10 sec. If your mobile phone is not found, please refer to the “Handsfree mode” section for further information. If the name of your telephone is displayed, select it via the “Accept” button. TellPhone 5000 will now search for available services and, if possible, sets up a connection to an appropriate service.

After a few seconds you will be prompted to enter the Bluetooth PIN. On the telephone, enter the PIN shown on the TellPhone 5000 display.

Handsfree mode (handsfree profile)
Under certain circumstances, pairing with your telephone in handsfree mode will not work using the method described above. If you are sure that your telephone supports the Bluetooth handsfree profile, please proceed as follows:

Disposing of used batteries
• Used batteries should not be thrown in with the household waste.
• Used batteries should be deposited at an appropriate collection point (e.g. at your dealer or in a specialist electronics market).

TellPhone 5000
Putting into operation for the first time

• Switch on TellPhone 5000.
• Within the first 10 sec. of switching on TellPhone 5000 (recognisable by the backlighting on the display switching on), press the red and green buttons simultaneously for at least 1 sec. The signal lamp lights up briefly to signal that the registration process has been initiated.
• The control unit is now registered on TellPhone 5000 and is ready for use. There is no need to repeat registration after changing a battery.
In the list of found devices, select “Phone inquires”. You will now need to search for Bluetooth devices from the telephone. Please refer to the corresponding operating manual for details of how to proceed.

The telephone then starts device recognition. In the list of devices found by your telephone, select “TellPhone 5000”. As the pairing procedure progresses, your telephone will prompt you to enter a PIN or passkey (password). Enter the sequence of digits shown on the TellPhone 5000 display. The telephone should shortly register that the devices are paired. You can abort pairing at any time by pressing the red button. If pairing is unsuccessful, please refer to the “Troubleshooting” section for further information.

**Speller**

TellPhone 5000 is operated via a control unit with 2 buttons and a rotary encoder with pushbutton function. This means that there is no conventional way to enter numbers or texts, in the way you are perhaps accustomed to on the PC or telephone. A “Speller” has been incorporated into TellPhone 5000 in order to achieve this functionality. The speller enables you to compile telephone numbers or names from single digits or figures. It is available for various functions on TellPhone 5000, for example to select a telephone number or to create a phonebook entry. The operation of the speller is explained below:

- **Entering numbers**
  Navigate your way to a digit by turning the knob and then accept it by pressing the rotary encoder. You can delete the previous digit on the number by pressing the red button. Once the whole number has been entered, you can confirm it by pressing the green button. To abort the process early, keep the red button pressed down.

- **Entering names or text**
  Just as numbers are entered, you can also use the speller to enter names or whole texts. Navigate your way to a character by turning the knob and then accept it by pressing the rotary encoder. You can delete the previous character by pressing the red button. Once the whole name has been entered, you can store it by pressing the green button. To abort the process, keep the red button pressed down. It is possible to switch between upper case characters, lower case characters, digits and special characters through the following symbols, which can be selected via the rotary encoder:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A⇒a</td>
<td>Symbol for switching from upper case to lower case characters.</td>
</tr>
<tr>
<td>a⇒1</td>
<td>Symbol for switching from lower case characters to digits.</td>
</tr>
<tr>
<td>1⇒#</td>
<td>Symbol for switching from digits to symbols.</td>
</tr>
<tr>
<td>#⇒A</td>
<td>Symbol for switching from symbols to upper case characters.</td>
</tr>
</tbody>
</table>
Symbols
Various information is shown on the display with the aid of symbols.

Status indicators:

(telephone-dependent)
- Field strength display. Indicates the reception quality of the telephone.
- Battery display. Indicates the remaining battery capacity of the connected telephone.
- Dependent on the mobile phone.
- Symbol for new messages. This symbol appears in the top line of the display unit as soon as new short messages are present.
- Symbol for missed calls. This symbol appears in the top line of the display unit when unanswered calls are present.

Letter speller:
- Symbol for switching from upper case to lower case characters.
- Symbol for switching from lower case characters to digits.
- Symbol for switching from digits to symbols.
- Symbol for switching from symbols to upper case characters.

Menu options:
- Deactivated option. This symbol appears before a menu item when it may be activated as an option.
- Activated option. This symbol appears before a menu item when it is activated as an option.
- Inactive selection. This symbol appears before a menu item when it is available to select as one of several possible options.
- Active selection. This symbol appears before a menu item when it is selected as one of several possible options.
**User selection:**

Symbol for Bluetooth connection. This symbol is displayed behind a user when the user was previously connected to TellPhone 5000 via Bluetooth.

**General symbols:**

Symbol for "Wait". Indicates that the handsfree system is busy and cannot accept user entries at the moment.

---

**The menus**

Briefly pressing the rotary encoder accesses the main menu. Use the rotary encoder to navigate to a menu item. Use the green button to select a menu item or the red button to exit the menu. Briefly pressing the rotary encoder again will also select a menu item. The following menu items are available for selection:

**Dial**

- A speller appears, in which you can use the rotary encoder to compile a number and dial. Further information on entering numbers directly can be found in the chapter entitled “Speller”.

**Messages**

- Contains the list of short messages (“SMS”). Unread entries are marked with a triangle. The SMS menu is divided into “Inbox” and “Outbox”.

**Call register**

- Contains lists of numbers dialled previously, received calls, missed calls and the user’s own number(s). You can highlight an entry using the rotary encoder and start a call using the green button.

**Phonebook**

- **Read**
  
  Scroll within the phonebook. When an entry is selected there are two options:
  
  1. Press the green button:
     
     - All numbers belonging to the entry are displayed.
     
     If the green button is pressed again or the rotary encoder is pressed, the number that is currently highlighted is dialled.
  
  2. Press the rotary encoder; the “Phonebook options” menu is displayed:
     
     - **Read numbers**
       
       Lists all the available numbers in the phonebook entry. The
displayed numbers can be dialed using the rotary encoder. Pressing the rotary encoder or the green button dials the number.

- **Change name**
  Provides the option to change the name of the entry. This is done with the help of a speller, whose function is explained above.

- **Add contact**
  A new phonebook entry can be created. You will be prompted to enter a name. This is done with the help of the speller. The next step is to enter the phone number of the new contact. The speller reappears, enabling you to compile the required number.

- **Add number**
  A number can be added to the entry using the speller.

- **Delete**
  Deletes the current entry from TellPhone 5000.

- **Delete all**
  Deletes all the phonebook entries from TellPhone 5000.

- **Search**
  Search for a phonebook entry. Use the rotary encoder to navigate to the first character of the entry you are searching for and confirm by pressing the rotary encoder. The next potential character is then displayed, which is confirmed by pressing the rotary encoder. This can be repeated until there is only one entry remaining that matches the letter combinations that were entered previously. The relevant entry is displayed and is highlighted. Pressing the green button displays all the available numbers, pressing the rotary encoder opens the “Phonebook options” menu. Alternatively, you can press the green button at any time to display all the available entries for the letter combinations entered up to this point.

- **Import** (telephone-dependent)
  Load a phonebook from a telephone that is connected to TellPhone 5000 via Bluetooth.

- **Add contact**
  A new phonebook entry can be created. You will be prompted to enter a name. This is done with the help of the speller. The next step is to enter the phone number of the new contact. The speller reappears, enabling you to compile the required number.

- **Delete all contacts**
  Deletes all the existing phonebook entries from TellPhone 5000.

- **Memory status**
  Displays the number of existing phonebook entries plus the memory load.
• **Memory in use**
  You can use the rotary encoder to select the phone memory from which a phonebook is to be imported. You can choose between the SIM card phonebook and the internal phonebook on the mobile phone connected via Bluetooth.

**Audio**

• **Ringing tone**
  TellPhone 5000 offers several ringtones which can be set here to suit your personal preferences.

• **Mike gain**
  Under certain circumstances it may be necessary to adjust the mike gain, for example if the microphone is far away from the driver or also if it is installed very close to the driver. There are 4 possible mike settings to select. Do not set the microphone to be too sensitive or this may result in overmodulation and bad audio quality for the person at the other end of the line. The available levels are:
  
  • Low
  • Normal (factory default)
  • High
  • Very high

**Settings**

• **Phone settings**
  
  **Language**
  • TellPhone 5000 supports several display languages. Under this menu item you have the option to change the display language.

  **Display**
  • Brightness
    Regulate the brightness in the display to the level which suits you best
  • Contrast
    To adjust display contrast

  **Rotary encoder**
  • Right rotation: If this option is activated, turn the knob in a clockwise direction to proceed within the menu or phonebook.
  • Left rotation: If this option is activated, turn the knob in an anti-clockwise direction to proceed within the menu or phonebook.

• **Recognizer language**
  Depending on the country variant of your TellPhone 5000, voice recognition supports up to 3 languages, one of which may be activated.
Putting into operation for the first time

Under this menu item you can change the active language. Further information is available under “Voice control”

• **After run time**
You can determine how long the system is to remain active after the ignition is switched off. The after run time can be set in increments between 0 and 30 minutes.

• **Service**
  - **Factory defaults**
  Resets all the settings to the default values. All user settings, including phonebook data, are lost!
  - **Software update**
  The software on your TellPhone 5000 can be updated via Bluetooth. Further information is available under “Updating software”
  - **SW restart**
  You can restart the system without switching off the ignition, e.g. after changing the recognizer language.
  - **Info**
  Provides information about the software version and serial number on TellPhone 5000. Use this information if you contact our service department with any questions or problems.

**Help**
Lists the voice commands for voice control.

**Logout**
Disconnects the current Bluetooth connection and switches to user management. Holding the red button down in the main screen has the same function.

**User management**
TellPhone 5000 enables management of up to 4 user profiles; it is possible to switch between these profiles quickly and simply, while the system is in operation. The data stored individually for each user includes:

- Phonebook
- Connection type (Bluetooth handsfree or headset profile)
- Display backlight
- Display contrast
- Ringtone
- Display language
- Volume settings
Open user management
To access user management, press the red button in the main screen. You will then see the 4 potential users. The first time you put your TellPhone 5000 into operation, one user profile is created by default; this is generally user 1. A Bluetooth symbol is displayed behind the user, depending on what mode the user employed the last time he operated TellPhone 5000.

Creating a new user
User profiles that do not have a symbol have not yet been set up. To use one of these empty profiles, select it via the rotary encoder and press the green button. You will prompted to enter the user language and the required connection type. All further steps are the same as those described under “Putting into operation for the first time”.

Changing the name of the user
Open user management. Select the profile whose name you wish to change. Confirm by pressing the rotary encoder. The “User options” menu opens. Select “Rename”. You can use the speller to edit the name of the profile.

Reset profile
To delete all of a user’s data, open user management. Select the profile that is to be reset. Confirm your selection by pressing the rotary encoder. The “User options” menu opens. Select “Preset”. All the user’s data will now be deleted from TellPhone 5000.

Changing user
To change to another user profile, open user management and select the required profile. Confirm by pressing the rotary encoder. The “User options” menu opens. Select “Login”. If this profile is already set up, the switch will be made immediately. An attempt will be made to restore the last known connection. If the last known connection is no longer available, you will be prompted to select a new connection type.
If the profile is not yet set up, you will be prompted to do this. The procedure is the same as that described under “Creating a new user”.

Changing user quickly
If you want to change to an existing profile quickly, open user management by pressing the red button in the main screen, select the required profile and press the green button. An immediate attempt will be made to restore the last known connection. If this is unsuccessful, you will be prompted to select a new connection type.

Log user out
You can sever the current Bluetooth connection in the main menu under “Logout”. User management is opened. Holding the red button down in the main screen has the same effect.
TellPhone 5000

Putting into operation for the first time

**Pairing**

A mobile phone that is to be operated on the handsfree system must be paired with TellPhone 5000. To do this, both devices generate a common (secret) passkey, which can be used in future for mutual authentication and to set up an encrypted connection. One telephone can be paired per user, so that up to 4 devices in total are known. If you wish to pair an additional telephone, please replace a user profile.

**Inquiry**

With TellPhone 5000, pairing starts automatically as soon as “Bluetooth” is selected as the connection type when a user profile is created. The TellPhone 5000 then searches for mobile phones in its receiver’s range. This process takes approx. 10 sec. If your mobile phone is not found, please refer to the “Handsfree mode” section for further information. If the name of your telephone is displayed, select it via the “Accept” button. TellPhone 5000 will now search for available services and, if possible, sets up a connection to an appropriate service.

After a few seconds you will be prompted to enter the Bluetooth PIN. On the telephone, enter the PIN shown on the TellPhone 5000 display.

**Handsfree mode (handsfree profile)**

Under certain circumstances, pairing with your telephone in handsfree mode will not work using the method described above. If you are sure that your telephone supports the Bluetooth handsfree profile, please proceed as follows:

In the list of found devices, select “Phone inquires”. You will now need to search for Bluetooth devices from the telephone. Please refer to the corresponding operating manual for details of how to proceed. The telephone then starts device recognition. In the list of devices found by your telephone, select “TellPhone 5000”. As the pairing procedure progresses, your telephone will prompt you to enter a PIN or passkey (password). Enter the sequence of digits shown on the TellPhone 5000 display. The telephone should shortly register that the devices are paired. You can abort pairing at any time by pressing the right-hand button. If pairing is unsuccessful, please refer to the “Troubleshooting” section for further information.

**Bluetooth® connection**

If the telephone has been paired successfully but does not automatically establish a connection to the handsfree system, select the name of the profile in which the telephone was paired within user management. The first time TellPhone 5000 is put into operation, this will be “User 1”. Now press the green button. Connection to the telephone is established. The handsfree system will always set up a connection when:

- The ignition is switched on and the last telephone to be connected has been found. If this telephone is not found, a search will be made for potential paired telephones of other user profiles. If the search was
successful, the system automatically connects to this telephone. However, if the search is still unsuccessful, the system switches to user management. This means it is possible to connect manually to a telephone stored within the user profile.

- In user management you can also select a profile which is assigned to a paired telephone. Pressing the green button prompts TellPhone 5000 to establish a connection to this telephone. A precondition for establishing a connection is:
  
  • The telephone must be in range (typ. < 10 m).
  • Another Bluetooth® connection must not already be present.
  • Both partners must still have the passkey that was agreed when they were paired.

A connection is generally maintained until it is explicitly disconnected by one of the devices or until it breaks down because the range is constantly exceeded. In the headset profile, many telephones hang up the Bluetooth® connection after every audio connection. In this case you will need to restore the connection before using the dialling functions on TellPhone 5000. The connection is restored after a few seconds.

The first time a connection is established, TellPhone 5000 tries to load the phonebook from the connected mobile phone. Under some circumstances this may take some time if it contains a large number of entries. A progress bar indicates the status of this process. During this time you cannot use Audio com’s handsfree functions. Once the synchronisation of the phonebook is complete, you can use the rotary encoder to scroll through it.

**Making a call**

After you paired your mobile phone with the TellPhone 5000 via Bluetooth, you are able to make phone calls. You can dial a number by voice dialling, by dialling on the telephone or directly from the phonebook.

**Incoming call**

The call is announced via your telephone's ringtone if the telephone makes it available via the Bluetooth® connection. If not, a signal tone will be generated in TellPhone 5000.

Provided the caller has not blocked the transmission of his number and the telephone supports this function, the display on the control unit will show the caller’s number or, if a corresponding entry is found in the phonebook, the caller’s name. You can decide whether to accept the call (green button) or reject it (red button). If you accept the call, you can adjust the volume via the rotary encoder. The setting will remain stored. You can end the call by pressing the red button.
Call Set-up
It is only possible to set up a call from the handsfree system if there is a Bluetooth® connection between the handsfree system and the telephone. Generally you have two options for dialling a number. To start voice dialling, press the rotary encoder down for longer than half a second. Start voice dialling with the command “Dial number”. Further information can be found under “Voice control”. The second option is to use the speller. From the main screen, briefly press the rotary encoder twice. This opens the dialling speller. In the Bluetooth handsfree and headset profiles you also have the option to set up a call directly on your telephone (private mode). Please note, however, that this is not permitted while you are driving.

Changing between hands-free and handheld mode
When the "TellPhone 5000" and the telephone in the hands-free profile are interconnected, you can place the audio signal on the telephone or back to the hands-free system during an active call. This function is practical when other passengers do not need to listen to your conversation. To continue a call on the telephone, depress and hold the left button until the small volume icon appears. You now can continue the call on the telephone. To switch the audio signal back to the hands-free system, press the left button again. Some telephones completely interrupt the Bluetooth connection when switching over to private mode. The connection can be re-established by pressing the button “Hang up”.

Important note:
In most countries, placing and receiving a phone call while driving are only allowed via the hands-free system.

Volume Control
The rotary encoder can be used to adjust the volume during a call and during active voice recognition.

Tip
If the person you are calling does not hear you loud enough, consider the possibility of increasing the microphone sensitivity by altering the settings on the box. However, remember there is a danger here too of causing irritating echoes.

Test Connection
- Dial a number manually (i.e. using the speller) and pay attention to the ringing tone via the loudspeaker.
- Adjust the volume by means. If you hear distortion, regulate the volume by turning it down one or two stages.
Voice Control

Our interactive voice control allows names and numbers to be dialled by voice commands, whereby name dialling is speaker-dependent. While number dialling requires you to say the number you are calling directly, name dialling requires you to set up and manage a list of names “phone book” in the system. The functions required for this can also be called up by voice input. The list can take a maximum of 30 names and exists independently of the list of phone numbers in your phone.

Changing the recognizer language

Depending on the country variant of your TellPhone 5000, voice recognition supports up to 3 languages, one of which may be activated. To change the active recognizer language, select Settings => Recognizer language. A list of the available languages is displayed. Select the required language and confirm by pressing the rotary encoder. You will then be prompted to restart TellPhone 5000. You can do this by switching off the ignition. The system will now save your settings and start to update the recognizer language. A progress bar indicates the status of this process.

Activation and Process Sequence

Voice input is only possible when there is no call connection. In this state, if the rotary encoder is pressed for longer than half a second the ready tone will sound, after which it will be possible to input an initial command. If a Bluetooth® telephone is not connected to the system, commands that require this connection, in other words all the dial commands, will be rejected by the system with a corresponding voice output. You can abort any voice dialog at almost any point by again holding down the rotary encoder. If the system is waiting for a voice command, you can also end a dialog by speaking the command “Cancel”.

- Sit in a normal driving position behind the steering wheel and, keeping your eyes on the road, speak as soon as the connection has been set up. Ask the person you are calling if he hears any echoes. If he does, try turning down the volume or reducing the sensitivity of the microphone.
- End the connection by pressing the red Key on the Control Unit.
- Dial a number via voice control and end the connection via the red button.
- Store a name for voice-command control and then call the number by voice command. Let him end the call.
- Store an emergency number by means of voice command.
The following first voice commands are possible:

- "Enter PIN",
- "Dial number",
- "Dial name",
- "Store name",
- "Say names",
- "Delete name",
- "Delete all names",
- "Redial",
- "Store emergency number",
- "Cancel".

Cancelling can also be done by pressing the action button again. The cancelling option is available in almost all interactive stages and resets the control.

"Enter PIN"

You will be prompted to enter the PIN code. This can be done in single digits or in groups of digits. If you pause, the last digit/sequence of digits to be entered will be repeated for checking purposes. In addition to continuing to input the digits, you also have the following command options:

- "Delete" to delete the last digit/sequence of digits entered.
- "Delete all" to delete the entire PIN that has been entered.
- "Store" to confirm the PIN.
- "Cancel" to end the dialog without executing the function.

"Dial number"

You will be prompted to enter the phone number. This may be entered either in single digits or in groups of digits. If you pause, the last digit/group of digits entered will be repeated for checking purposes. You will be reminded if you exceed the maximum number length. In addition to continuing to input numbers, you also have the possibility of entering the following other commands.

- "Delete" to delete the digit/group of digits entered last.
- "Delete all" to delete the entire phone number entered.
- "Repeat" for the announcement of the phone numbers entered up to now
- "Dial" to dial the phone number inputted.
- "Cancel" to end the dialogue without executing the function.

The quantity of numbers which can be entered is limited to 20 places. In place of the first digit, it is also possible to enter "plus" but the following country code input will not be checked.
"Dial name"

A precondition for this is that you must have at least one name stored already. You will be prompted to say the name you wish. In the event of non-recognition, you will be offered the possibility of saying the name again. If the name is recognised, it will be repeated. After that, you will have the following further command options:
- "Dial" for dialling the phone number stored with the name,
- "Repeat" for the recognised name to be said again,
- "Cancel" to end the dialogue without executing the function.

Dialling is only possible if the phone is ready for operation and logged in and a Bluetooth® device is connected to the system. Finally, an announcement will inform you that the dialling is starting.

"Store name"

A precondition for this is that the system's "telephone book" is not yet full. First, you will be prompted to say the name and to repeat it again. If there are great discrepancies between the two inputs of the name or if the name is the same as one already stored, the entry will be rejected. If the new name is accepted, you will hear the request for the input of the phone number. This is done by dialling the number in single digits or groups of digits, which are repeated in each case. In addition to continuing the input, you also have the option of making the following other commands:
- "Delete" to delete the digit/group of digits entered last.
- "Delete all" to delete all the entire inputted phone numbers.
- "Repeat" for the announcement of the phone numbers entered up to now.
- "Store" to store the entered phone numbers.
- "Cancel" to end the dialogue without executing the function.

An announcement will inform you that the name is being stored.

"Say names"

A precondition for this is that you have stored at least one name. After the command, all stored names are run through according to their sequence in the memory. The announcement of names can be broken off before the end by pressing the action button.

"Delete name"

A precondition for this is that you have stored at least one name. You will be prompted to say the name to be deleted. In the event of non-recognition, you will be offered the possibility of saying it again. When you have repeated the
recognised name, you will be asked again if you really wish to delete this name. You then have the following command options:

- "Yes" and
- "Delete" to delete the name,
- "Repeat" to say the recognised name again,
- "No" to prevent the name being deleted
- "Change" to begin the dialogue with name input again,
- "Cancel" to end the dialogue without executing the function.

You will then be informed that the deletion is taking place. The deletion of the name also deletes the phone number stored with it.

"Delete all names"

A precondition for this is that you have stored at least one name. When this command is given, the system’s entire "telephone book" will be deleted. For that reason, this function is only executed after twice asking if you wish to delete all names. After the first enquiry as to whether you wish to delete all names, you will have the following command options:

- "Yes" and
- "Delete" to delete all names,
- "No" to prevent the deletion of the names,
- "Cancel" to end the dialogue without executing the function.

If you confirm deletion, you will be asked again if you really want to delete. Once again you will have the above command options. You will then be informed that the deletion is taking place. The deletion of the name entries also deletes the phone numbers stored with them and the "telephone book" is then empty.

"Redial"

This command makes it easy for you to redial the last dialled phone number. There is no further dialogue.

Dialling is only possible if the phone is ready for operation and logged in and a Bluetooth® device is connected to the system. Finally, an announcement will inform you that the dialling is starting.

Updating software

TellPhone 5000 can be equipped with the very latest software. This software update is possible via Bluetooth. To obtain the latest software, please visit our Web site at www.tellphone.com. We regularly make updates available there. A detailed description of the update procedure is provided with the software.
## Key assignment

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<tr>
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<th>Function</th>
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<td></td>
</tr>
<tr>
<td>Rotary encoder right</td>
<td>Digit up counter</td>
</tr>
<tr>
<td>Rotary encoder left</td>
<td>Digit down counter</td>
</tr>
<tr>
<td>Rotary encoder pressed</td>
<td>Assign digit</td>
</tr>
<tr>
<td>Green button</td>
<td>Number complete</td>
</tr>
<tr>
<td>Red button (pressed briefly)</td>
<td>Delete digit</td>
</tr>
<tr>
<td>Red button (held down)</td>
<td>Cancel/exit entry</td>
</tr>
<tr>
<td><strong>Main screen</strong></td>
<td></td>
</tr>
<tr>
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<td>Search for name in phonebook</td>
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<tr>
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<tr>
<td>Green button (pressed briefly)</td>
<td>Last numbers dialled/missed calls/new SMS</td>
</tr>
<tr>
<td>Green button (held down)</td>
<td>Activate mobile phone voice dialling (only in handsfree mode)</td>
</tr>
<tr>
<td>Red button (pressed briefly)</td>
<td>User list</td>
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<tr>
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<td>Menu item above</td>
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<tr>
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<td>Menu item below</td>
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<tr>
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<td>Select menu item</td>
</tr>
<tr>
<td>Rotary encoder pressed (prolonged)</td>
<td>Activate voice dialog</td>
</tr>
<tr>
<td>Red button (pressed briefly)</td>
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<td>Red button (held down)</td>
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<tr>
<td>Rotary encoder right</td>
<td>Call louder</td>
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<tr>
<td>Rotary encoder left</td>
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<tr>
<td>Green button/rotary encoder pressed</td>
<td>Accept call</td>
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<td>Reject call</td>
</tr>
<tr>
<td>Key</td>
<td>Function</td>
</tr>
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<td>----------------------------------</td>
<td>-----------------------------------------------</td>
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<tr>
<td><strong>Call mode</strong></td>
<td></td>
</tr>
<tr>
<td>Rotary encoder right</td>
<td>Call louder</td>
</tr>
<tr>
<td>Rotary encoder left</td>
<td>Call softer</td>
</tr>
<tr>
<td>Green button (held down)</td>
<td>Private mode (only in handsfree profile)</td>
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<td><strong>User selection</strong></td>
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<td>Red button</td>
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<tr>
<td><strong>Phonebook (name selection)</strong></td>
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</tr>
<tr>
<td>Rotary encoder right</td>
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</tr>
<tr>
<td>Rotary encoder left</td>
<td>Name below</td>
</tr>
<tr>
<td>Rotary encoder pressed</td>
<td>Options menu</td>
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<tr>
<td>Green button</td>
<td>Dial number (where there is one number only) or switch to number selection</td>
</tr>
<tr>
<td>Red button</td>
<td>Exit phonebook</td>
</tr>
<tr>
<td><strong>Phonebook (number selection)</strong></td>
<td></td>
</tr>
<tr>
<td>Rotary encoder right</td>
<td>Number above</td>
</tr>
<tr>
<td>Rotary encoder left</td>
<td>Number below</td>
</tr>
<tr>
<td>Rotary encoder pressed/green button</td>
<td>Dial number</td>
</tr>
<tr>
<td>Red button</td>
<td>Back to name selection</td>
</tr>
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</table>
# Troubleshooting

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<th>Remedy</th>
</tr>
</thead>
<tbody>
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<td>TellPhone 5000 does not switch on.</td>
<td>There is no supply voltage</td>
<td>If necessary, replace the fuse and check the cable and connections.</td>
</tr>
<tr>
<td></td>
<td>The ignition is not turned on.</td>
<td>Turn on the ignition.</td>
</tr>
<tr>
<td></td>
<td>The ignition line is interrupted.</td>
<td>Check cable and 1A fuse.</td>
</tr>
<tr>
<td>The person you are calling cannot hear you.</td>
<td>The microphone is not inserted or the microphone cable is damaged.</td>
<td>Connect the microphone plug to the electronics box. If the cable is defective, it must be replaced.</td>
</tr>
<tr>
<td>The person you are calling complains about interference noise.</td>
<td>The microphone is in an air stream.</td>
<td>Mount the microphone somewhere else or perhaps reduce ventilation.</td>
</tr>
<tr>
<td></td>
<td>The phone is very close to the TellPhone 5000 parts or the car radio.</td>
<td>Increase the distance between your phone and the TellPhone 5000 or radio.</td>
</tr>
<tr>
<td>The person you are calling complains about echoes</td>
<td>The microphone and the speaker are not far enough apart.</td>
<td>Increase the distance between them or reduce the volume.</td>
</tr>
<tr>
<td></td>
<td>The volume is too loud or the microphone sensitivity is too high.</td>
<td>Reduce the volume or perhaps reduce the microphone sensitivity at the electronics box (see instructions with the basic set.</td>
</tr>
<tr>
<td>Problem</td>
<td>Cause</td>
<td>Remedy</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>During device pairing, the phone cannot find the &quot;TellPhone 5000&quot;.</td>
<td>The TellPhone 5000 blue is not in the pairing mode.</td>
<td>Initiate the device pairing (see section on Device Pairing.</td>
</tr>
<tr>
<td></td>
<td>The phone does not support the set profile.</td>
<td>Abort the pairing, set up another device class and try again.</td>
</tr>
<tr>
<td>Unclear, scratchy sound</td>
<td>Bad Bluetooth® connection</td>
<td>Reduce the distance between the phone and the Bluetooth® adapter or remove any (metallic) obstructions.</td>
</tr>
<tr>
<td>The paired phone is not connected when the ignition is turned on.</td>
<td>The phone is not within range.</td>
<td>Bring the phone within range of the Bluetooth® adapter.</td>
</tr>
</tbody>
</table>
|                                                                       | The Bluetooth® interface is deactivated in the phone.                | Switch your phone Bluetooth® "on" (the "auto-
                                |                                                                       |   matic" option is not enough).                                   |
|                                                                       | The phone demands confirmation of the connection set-up.             | Confirm the connection on the phone. Deactivate the security query (see operating instructions with the phone). |
|                                                                       | One of the two devices does not have a valid connection code any lon-| Delete the respective other device from the list of paired devices in the two devices and start the pairing process again. |
|                                                                       |   ger.                                                               |                                                                        |
Technical Data

Dimensions of the electronics box 128mm x 105mm x 29mm
Dimensions of the Control Unit 65mm x 30mm x 30mm
Dimensions of display, excluding base (L/W/H) 67 mm x 50 mm x 19 mm
Operating voltage 11 V bis 15 V
Closed-circuit consumption max. 0,1 mA
Open-circuit amperage max. 1250 mA
Fuse 1A und 2A
Operating temperature -10 °C bis +55 °C

Bluetooth® Profiles:
• Headset Profile
• Handsfree Profile
• Generic Access Profile
Accessories and spare parts

For information on the currently supported mobile phone models, visit www.tellphone.com on the Internet.

Spare parts:

1. microphone
2. control unit
3. Display
4. electronics box
5. connection cable set

Accessories:

1. external additional speaker
2. radio muting

Hotline

If you have any questions, our service-hotline will be glad to assist you on weekdays from 9 am to 5 pm PST at 858.566.2170.
This device works with the Bluetooth® radio technology. In some countries, the use of this device might not be permitted or only allowed with restrictions. Please obtain information on such restrictions and do not use the device if you are not sure if its use is allowed in a specific country or not.

Bluetooth® is a trademark owned by Bluetooth SIG, Inc.

Declaration of conformity

The firm of

Funkwerk Dabendorf GmbH
Märkische Strasse
D-15806 Dabendorf

herewith declares that the

Hands-Free Car Kit
„TellPhone 5000“

complies with the basic requirements and the other relevant provisions in the 1999/5/EC Directive.

The declaration can be seen at www.tellphone.com.

CE 0681