

Software Release 5.02.08 for the PTCarPhone 5 Series

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1 Introduction

On May 24th a new software release will be available on our update servers. In addition to fixing minor errors, the functionality of the PTCarPhone 5 expands. Therefore, we are pleased to provide our partners and customers more features.

With only a few keypresses you can update the software of your PTCarPhone system without removing the device from your car and sending it in.

Start the update via **System > Device Info > Update** and enter the handset device code (Default: "0000"). The PTCarPhone establishes an internet connection and checks whether a software update is available. If so, the device will automatically download and install the update (a progress bar will appear on the display).

After successful installation the device restarts automatically.

Please note: Internet connections can generate extra charges. Please contact your service provider for more information.

2 New Functions

2.1 Intercom in Hands-free Mode

The intercom functionality is now available in hands-free mode.

Under **System > Configuration** the new menu item **Intercom** is available.

The selection of this point allows to switch this feature on or off.

- **Off** (default setting) The intercom connection between the stations is via the handsets. This connection should always be determined when both stations are acoustically connected (i.e. in one cabin). The acoustic feedback can be avoided.
- **On** The intercom connection of station 1 can also be done via hands-free mode. Switching from hands-free mode into private mode and back can be done via the hook function of the handset.

2.2 Extras / Purchase Features

Up to today individual functions resulted in separate software versions and could be used only with devices on which these paid, custom software was installed.

With the new software release 5.02.08 these functions are available for all devices of the PTCarPhone 5 Series. This respective function only must be purchased for the respective device on which the function is to be used.




All paid features of the PTCarPhone 5 Series are now managed centrally on a server. The new **Extras** menu item is available under **System > Configuration**. An already acquired "Automatic Redialling" remains valid.

Currently payed features are:

- Automatic Redialling
- Hidden Emergency Call

Markers

Every extra is provided with a circle as a marker. These markers have the following meanings:

-  The Extra is locked
-  Extra is unlocked but not activated
-  Extra is enabled and activated

Selecting a locked Extra the right function key enables an update. By choosing this update an internet connection is established and the permission of using the features will be checked. For paid extras the marker will change to "unlocked but not activated". By selecting an unlocked extra you will get to the menu for activation.

Automatic Release

After initial set-up, after resetting to factory default settings, and after update of an earlier version, an automated check of usage permissions will be established.

Specialty

With activated extra "Automatic Redialling" toggling is not possible.

After establishing a hidden emergency call automatic redialling is disabled.

2.3 Hidden Emergency Call

Two existing GPIO ports can be programmed as a panic function. By activating the extra "**Hidden Emergency Call**", the current functionality is extended.

Conditions

1. At least one of the GPIO ports (2 or 6) needs to be programmed to the panic function
2. The panic input is assigned to a phone number
3. If done a signalling of active panic call, the associated GPIO port (1 or 5) is put on "**Active Call**".

The following assignments are provided

Panic button on GPIO Port 2 - signal output GPIO port 1

Panic button on GPIO Port 6 - signal output GPIO port 5

In this case the signalling takes place only at a panic call. For the signalling of a normal call other ports need to be used.

Handling

The panic call is triggered by pressing the corresponding external button for more than 1s. As a result, the PTCarPhone 5 establishes a call to the programmed number. If the call is accepted, it is signalled via the associated GPIO port.

During the call, the telephone audio is turned off. Input from the handset will not be processed. The microphone is activated and the other party can hear. Further incoming calls are rejected with a busy signal. A signalling of an incoming call does not take place.

The panic call can be terminated by the other party or pressing the button for more than 3s. The phone returns to the standard mode and can be operated again normally.

2.4 Toggling

The feature expands the call handling of PTCarPhone 5. You can toggle between two calls.

Conditions

To use the feature **toggling**, "call waiting" must be turned on. Only then is it guaranteed that a second caller may be noticeable in an ongoing call.

Handling

In an ongoing conversation, another call is signalled by a beep and the display shows another caller. Now the following options are available:

1. Red button - the waiting call is rejected
2. Green button - the waiting call is accepted and the active call is hung up
3. Right Function Key - the waiting call is accepted and the active call is set on hold

At this stage, no intercom switch (internal) is possible.

Options 1 and 2 restore the usual conversation flow.

If you select the third option (toggling), both parties are shown with their status in the handset. With the right function key (change) the active caller is exchanged. An internal switch to the second handset is not possible.

The red button ends the call with the caller, that is hold in background, and switches to normal conversation mode with the other caller.

2.5 Position in Panic-SMS

It is possible, to include the information of the position in a panic SMS (Only available on the PTCarPhone 530 and only if "Hidden Emergency Call" is disabled).

Just add the placeholder **!position!** into the SMS. In place of the placeholder the phone is adding a complete tracking set including date, time, latitude, longitude, GPS-fix, quality, speed and direction.

For devices without GPS text **NO GPS DEVICE** is inserted. If a GPS device does not have a valid position the text **NO GPS POSITION** is inserted.

Example: The original text

Alarm position: !position! license plate XYZ

generates the SMS

Alarm position: 16.03.31 17:21:15 52.3081, license plate XYZ

If only the position shall be transmitted, only the placeholder is entered.

2.6 Time Setting via SMS removed

As SMS more and more often contain wrong time settings, this function was removed.

2.7 General Changes

The text of the right function key for the intercom switch between the stations was changed from **Change** to **Internal**.