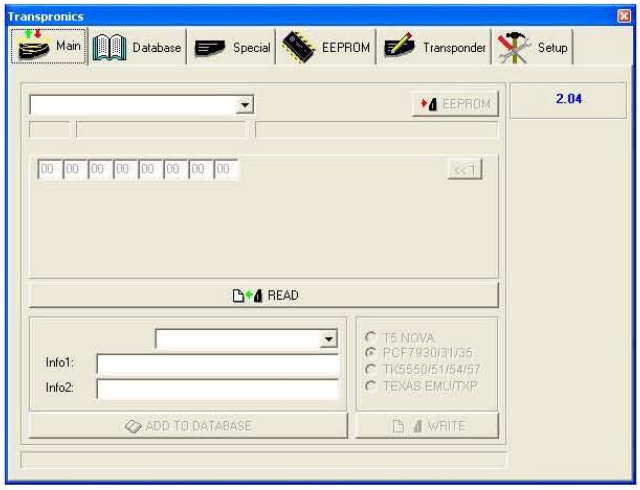
ND900-PC PROGRAM OPERATION

Transpronic computer program consists of Main Menu – Database – Special – Eeprom – Transponder – Settings.



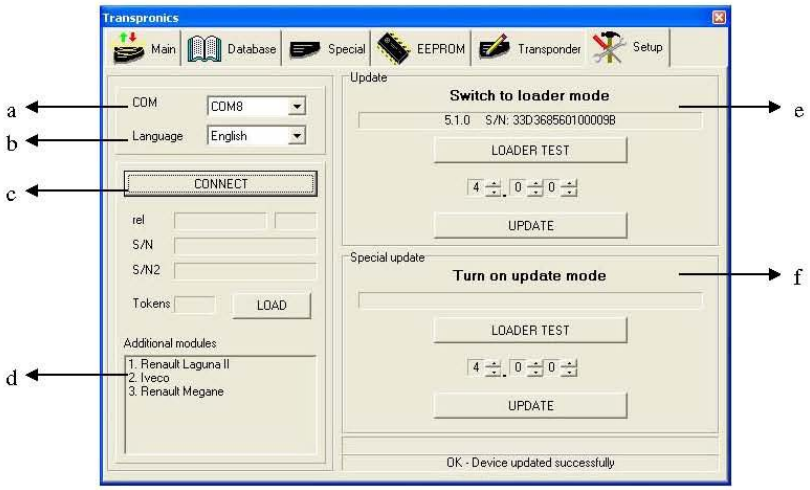
Thanks to its Pc software, Transpronics, by equipping the users with a higher level of information, will prove itself in the market by doing things not done previously .

To use your computer software, you have to start from the Settings.

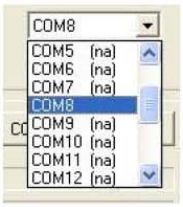
SETTINGS

In the settings menu ,you will find

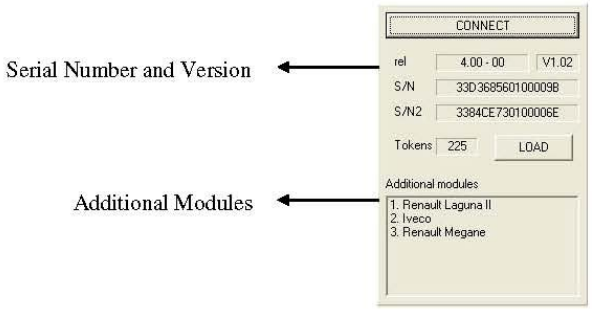
a- COM
b- Language
c- Connect
d- Additional Modules
e- Update Section (will be explained later)
f- Special Update Section (will be explained later)



After you connect your device to your computer, you have make adjustment in COM. Our pc software can detect which COM is used.



As you see in the image, next to COM's there is (na). This means that your device is not connected to that COM. If there is a COM that does not have na , then this is the COM that your device is connected to. In the image we see that your device is connected to COM8 . You should select COM8 to connect it to our device.



Select the connect button, information about our device appears on the screen.

Serial Number: This is the identity of your device. Another Transpronics device cannot have this number. This offers fast and safe usage, as it enables control when we make updates, connect our device to computer or connect our device to server.

Version : This shows the version of your device. So that you can check whether you have the new version.

Additional Modules: These are Special modules for Transpronics.. If the user need these modules, he should purchase from his device supplier.

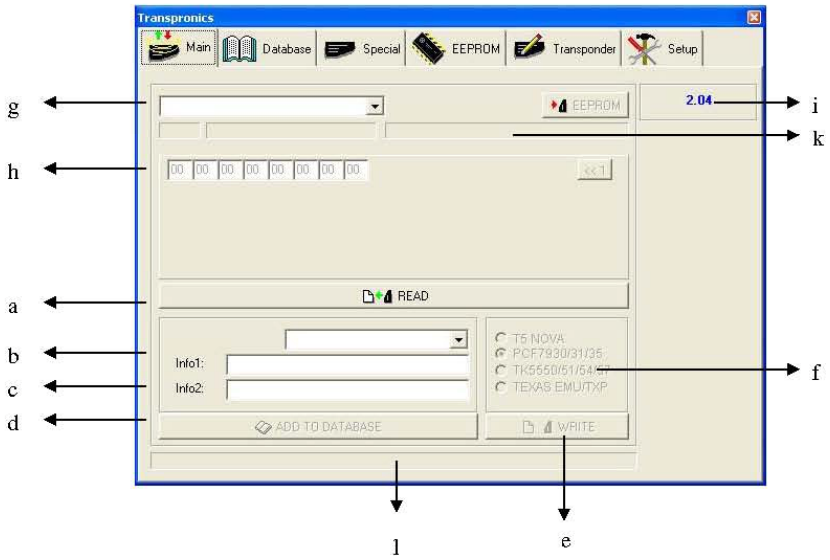
After the connection is established, you have to choose the language.

After you choose the language, your software and device is automatically transferred to the language that you have chosen

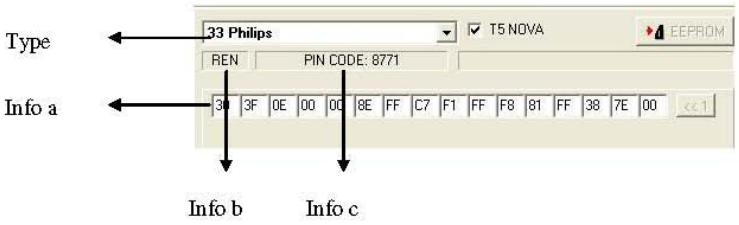
Main menu

In the main menu :

a- READ
b- Info1
c- Info 2
d- Add to database
e- WRITE
f- Choose the transponder that you want to write
g- Transponder Type Section
h- Transponder Data Section
i- Version of the program
k- Information Section
l- Status bar
m- Eeprom



READ: After Transponder is put in the antenna of the device, push the READ button.



You will see information of the transponder that is read.

Type : Shows the brand of the Transponder
Info: Shows the info of the Transponder
Info b : Shows to which Manufacturer the Transponder belongs.
Info c : Calculates and shows the pin-code's of some devices, as you can see in the image below.

WRITE: It helps to write the datas of the transponder that is read to the other transponder.

After you put transponder to the antenna, choose the transponder type that you want to write and press write button.

DATABASE: : You can save all transponder ID codes that you read. In this section, you see device option, Info 1 and Info 2 boxes. Look at the image as an example;

Push the ADD TO DATABASE button, after you enter the necessary information.

EEPROM: If this menu is activated after the transponder is read, this means that Transpronics - by using the data of a transponder- is able to calculate the memory data in the immobilizer unit of the device .

As you see above, a 13 megamos transponder is read and eeprom button is activated. Then, when we push to the Eeprom button the data will be calculated.

As you see above, Transpronics calculated 4 bytes eeprom data from transponder data.

You can also try this for other transponders.

NOTE: Where can we use the data of **Eeprom**?

Let's assume that the keys of the device which uses a 13 megamos are lost.

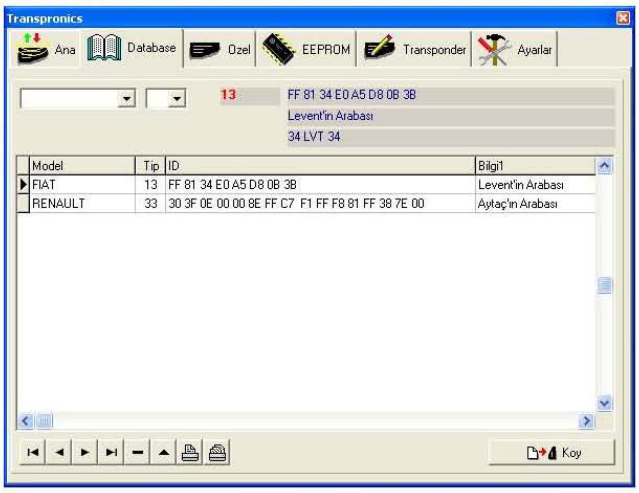
When we have a 13 megamos transponder, after we have it read and push the eeprom button, we get 4 byte data.

If we read memory of immobilizer and if we write this 4 bytes data to the memory (to only required address), car can be start directly with the transponder.

C- DATABASE

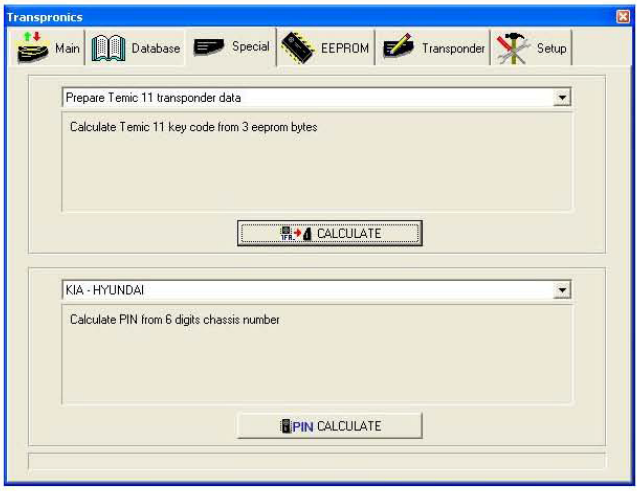
When you choose this tab, you will see the previous data of the device that you recorded before. In this section, you can change the previous data of the vehicle, you can write the data to a transponder, and you can erase them or change the record. A filter system is added for you to find the old records easily.

In order to write the recorded data to a transponder just click on the INSERT button.



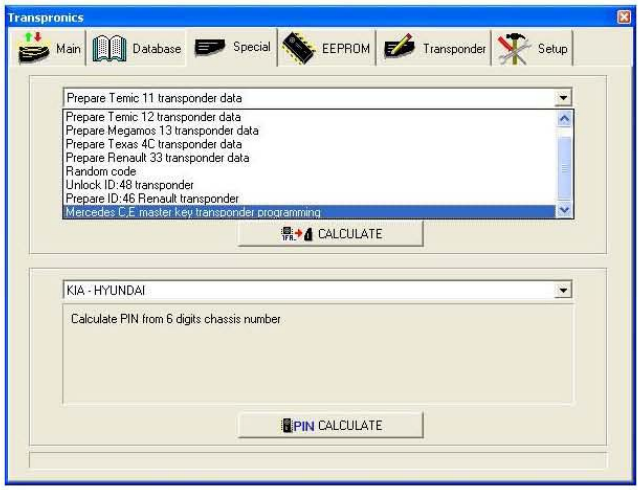
D- SPECIAL

Thank to this special menu of Transpronics, you can do many things that you could not do before.



The list of the special menu which is becoming more and more broad in scope;

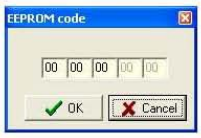
Prepare Temic 11 transponder data
Prepare Temic 12 transponder data
Prepare Megamos 13 transponder data
Prepare Texas 4C transponder data
Prepare Renault 33 transponder data
Random code
UNLOCK ID:48 transponder
Prepare ID:46 Renault transponder
Mercedes C,E Master key Programming
KIA-HYUNDAI pin calculate



You can use this menu easily. Choose the option that you want from the list and than push the calculate button.

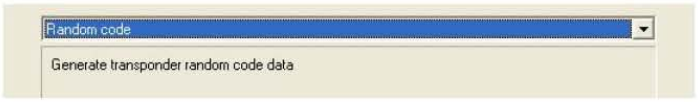
Prepare Temic 11 transponder data

With this menu, you can generate transponder from the immobilizer unit memory.

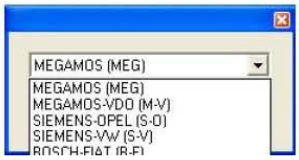


The same operation also applies to Prepare Temic 12 transponder data, Prepare Megamos 13 transponder data, Prepare Texas 4C transponder data, and Prepare Renault 33 transponder data

Random Code



Random code menu is used in generating fixed Transponder codes. After the menu is chosen, push the Calculate button.



After you choose the transponder type and put the transponder into the device, push the OK button.

UNLOCK ID:48 transponder

As you know, if you introduce a 48 megamos crypto transponder to the new generation cars, the transponder is locked. And this means that the transponder cannot be used. But this was the case before. With transpronics, you can easily unlock these transponders. The procedure is very easy, locate the 48 transponder in the antenna and push the Calculate button.

Prepare ID:46 Renault transponder

This is used to generate Transponder for Renault – Chrysler and Jeep from normal 46 Transponder.

Mercedes C,E Master key transponder programming

The transponder is ready to program direct on the Mercedes C, E and G KLASS models from 1996 to 1999 year for all key positions/number from 1 to 8. This transponder is for the models that use the metal or remote flip key with transponder inside. It is not working on models with electronic plastic key. The only thing you have to do is to insert the key into the ignition and turn it on then the transponder will program itself direct and you can start the car. Transpronics can generate these transponders from a precoded transponder.

1- choose Mercedes C,E Master master key programming
2- click Calculate button

3- Choose number of key
4- Put a precoded transponder to Transpronics
5- Click OK button
6- Go to car and Turn ignition on and off
7- Start the car

KIA-HYUNDAI pin converter

Transpronics calculates 6 digit pin-codes for Hyundai and Kia cars from last 6 digits of chassis number.

E- EEPROM

This menu includes unique information about immobilizer and it is easy to use. The list which is becoming more and more broad in scope, includes the most important manufacturers today. The menu which can be used when all keys are lost, is also professional in terms of pin-code finding. In order to use these systems and read memories, you have to use a suitable eeprom Programmer. You can complete the procedure in a few seconds as you send the files that are read by eeprom Programmer into our machine

Up-to-date list:

1- Opel immo siemens [Transponder & Pin-code]
2- VW, Seat immo2 Siemens [Transponder & Pin-code]
3- VW, Seat immo3 Valeo [Transponder & Pin-code]
4- Fiat, Lancia, Citroen, Peugeot, Delphi ID:13 [Transponder]
5- Alfa Romeo, Iveco Code 1 Bosch [Transponder]
6- Honda, Acura Megamos [Transponder]
7- Honda, Rover Valeo [Transponder]
8- Fiat, Lancia immo001.01 Marelli [Transponder]
9- Fiat, Lancia immo110.01 [Transponder]
10- Mercedes Sprinter, Vito Temic [Transponder]
11- Fiat, Alfa Romeo, Lancia BSI Marelli [Pin-code]
12- Fiat, Citroen, Peugeot Code 2 Delphi [Pin-code]
13- VW, Skoda, Seat immo1 Siemens [Transponder & Pin-code]
14- Renault Valeo [Transponder]
15- Renault, Dacia Sagem [Transponder & Pin-code]
16- Renault UCH Siemens [Pin-Code]
17- Fiat, Lancia, Alfa Romeo BSI Delphi [Transponder & Pin-code]
18- BMW EWS [Transponder]
19- Toyota Corolla 1998-99 [Transponder]
20- Toyota Corolla 2000-02 Delson IC900 [Transponder]
21- Toyota Corolla Bosch [Transponder]
22- Toyota Yaris [Transponder]
23- Toyota Corona [Transponder]
24- Renault Laguna [Pin-Code] extra update
25- Iveco [Pin-Code] extra update
26- Renault Megane [Pin-Code] extra update

Here are few examples;

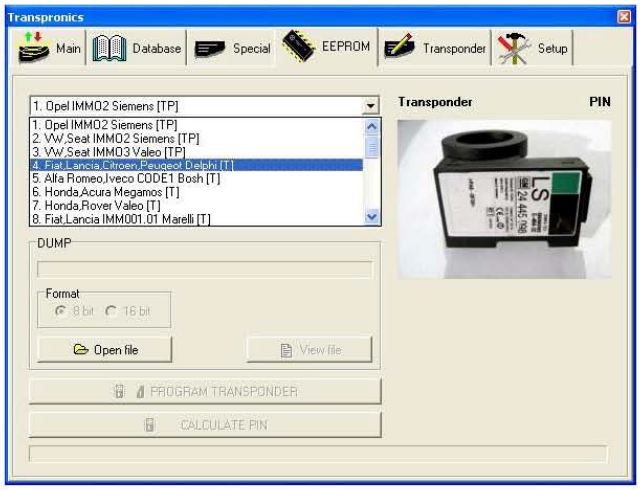
1- Opel immo siemens [Transponder & Pin-code]

First, lets see the components and procedures that will be used in the system.

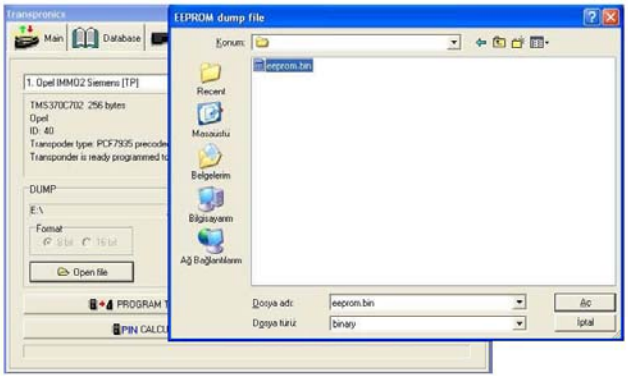
MCU: TMS370C702

- **Vehicle**: Opel
- **Transponder ID**: 40
- **Transponder to write**: PCF7935 Precoded
- **Transponder is ready programmed to start the vehicle**

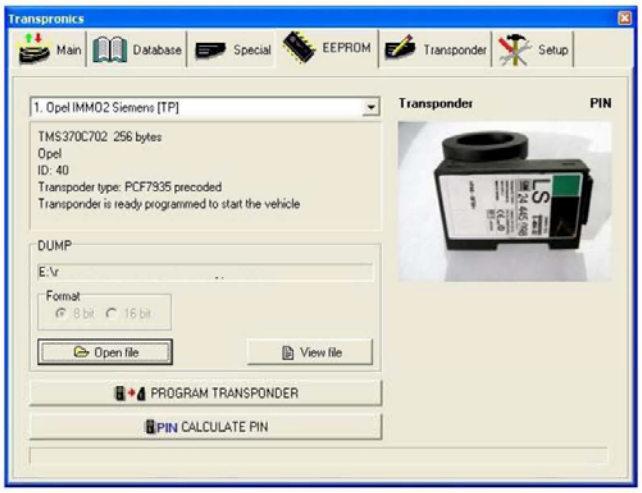
In the immobilizer unite seen above, there is a processor named TMS370C702. After this eeprom is read you have to send it to our machine. (Processor must be read as a *Bin file)



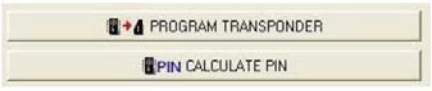
Choose the Opel Program in your PC Software and push Open File button. Choose the File that you read with a programmer and open with pc software.



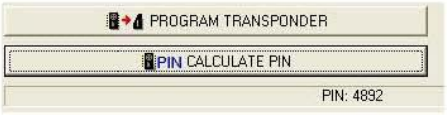
After the file is opened, you see the screen below;



As you see in the image, 2 buttons – Program Transponder and Calculate Pin- Code – are activated.



This means that you can both calculate pin-code and program transponder. First, let's calculate Pin Code. Just push the button;



As you see above, Pin Code is calculated.

You can program a transponder to this car with Transpronics without a diagnostic device. After you read eeprom file, put a precoded transponder to the Transpronics Antenna and Press **Program Transponder.** This transponder will start the car directly.

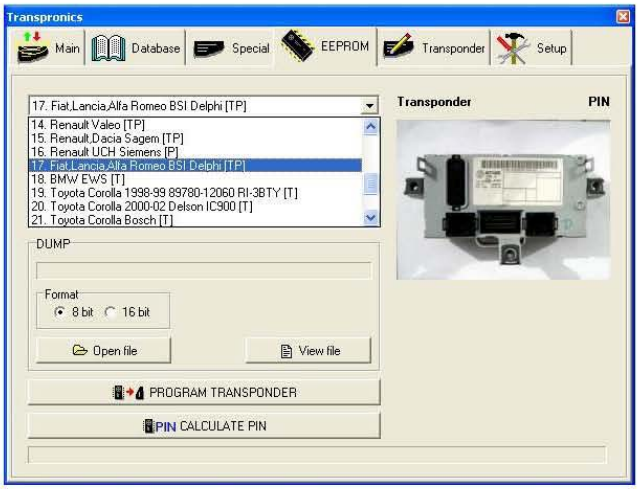
17- Fiat, Lancia, Alfa Romeo BSI Delphi [Transponder and Pin-code]

As you know, 48 megamos crypto transponder cannot be identified to the new system Fiat automobiles. You should order a precoded transponder from factory.
With transpronics, you do not need that. You can generate a precoded transponder from eeprom file of immoBox. So, you do not have to order keys from the services.

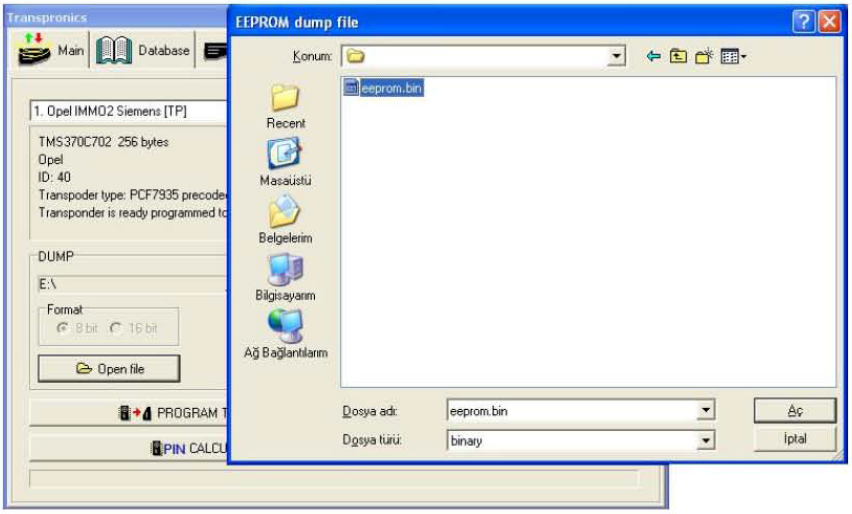
First, let's see the components and procedures that will be used in the system.

- **Eeprom**: 93C66
- **Vehicle**: Fiat
- **Transponder ID**: 48
- **Transponder to write**: ID 48 Precoded
- Transponder has to be match with car using diagnostic device

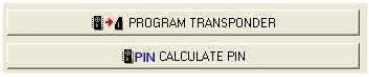
In the immobilizer unit that is seen above, there is an eeprom called 93c66. After this eeprom is read you have to send it to our machine. (Processor must be read as a *Bin file)



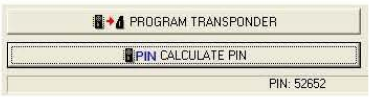
Choose the Fiat Program in your computer program and push the Open File button. Choose the File that you read with a programmer and open with pc software.



After the file is opened, you see the screen below. As you see in the image, 2 buttons – Program Transponder and Calculate Pin- Code – is activated.



This means that you can both program pin-code and transponder. First, let's calculate the Pin code. Just push the button;



As you see above, Pin-Code is calculated.

You can Pre-program transponder to this car with Transpronics. After you read eeprom file, put a precoded transponder to the Transpronics Antenna and Press **Program Transponder**. You need to program this transponder to the car with a diagnostic device.