



MANUAL
KEY PASS

1) Before you Begin



ATTENTION: We recommend the complete reading of this manual before proceeding with the installation of this product!

- This product aims to prevent or inhibit the larceny/theft of the vehicle or inside objects.
- Before contacting the technical support TARAMPS, read this manual, it contains all the necessary information for the installation and use of the product.
- The installation of this product should be performed by a trained operator / technician.
- During installation, only use a multimeter to measure the voltage.
- For a perfect operation, the signals from the door and ignition switch must be connected to the alarm.
- Thoroughly clean the location where the ultrasonic sensors shall be fixed as well as the master key.
- Place and fix the master key in a secret and easy access location.

2) Technical Features

Supply voltage	9 to 16 Volts
Consumption	6 to 17 mA
Engine lock	Max. 200 mA (relay)
Outputs of indicators/turn signals	2 x 70W with digital protection
Siren output	Only use the dedicated siren
Outputs lock, unlock, aux and sound control	Max. 200 mA
Window lift module programmable output	Universal, VW, Fiat and Honda

3) Functions with the Vehicle Original Control

FUNCTION	ACTION	ALRM RESPONSE
3.1 TURN ON ALARM	Press Button Control Lock	1 Beep, alarm on
3.2 TURN OFF ALARM	Press Button Control Unlock	2 Beeps, alarm off 4 Beeps alarm 1 triggering occurred when the alarm was switched on

ALARM BASIC OPERATION: To lock the doors of the vehicle by remote control, (if you have sound equipment, automatic windows lift properly installed), the sound will be switched off, windows, doors and ultrasonic sensor will monitor the vehicle after 20 seconds. Any violation attempt, the alarm will be triggered.



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4) Ultrasonic Sensors G2



Fix the sensor on the windshield of the vehicle, 10 cm below the ceiling.
Ultrasonic sensors G2 comes with digital adjustment of sensitivity.
Change the default settings only if necessary.
Follow the table below.

Procedure to change the sensitivity of the sensor via Master Key:

- Turn the ignition on, hold pressed the Master Key until the 13th BEEP;
- Release the Master Key;
- The alarm will respond with alarm beeps informing the current sensitivity;
- To change, keep the ignition on and press the Master key according to the table below.
- Turn off the ignition to exit setup;
- The alarm responds with beeps indicating the new setting.

Click	Sensitivity of the sensor	Alarm response
1 Once	+20%	1 Beep
2 Twice	+10%	2 Beeps
3 Times	Factory default	3 Beeps
4 Times	-10%	4 Beeps
5 Times	-20%	5 Beeps

5) Functions of the LEDs

LED OFF - Alarm disarmed;

LED BLINKING - Alarm monitoring.

LED ALWAYS ON - Door, hood or trunk open;

LED BLINKS 2 TIMES - Alarm armed with ultrasonic sensor canceled;









LED BLINKS AFTER DISARM by the REMOTE CONTROL

Indicates which sensor has caused the last alarm trigger, [item 12.3](#):

- Sequence of 2 blinks - Ultrasonic sensor.
- Sequence of 3 blinks - Door hood or trunk.
- 4 blinks in a row - Anti Carjacking by presence.

6) Programming by Master Key

WITH THE IGNITION ON, HOLD THE MASTER KEY PRESSED UNTIL YOU HEAR THE BEEP OF THE DESIRED SETTING

BEEPS	FUNCTION	FACTORY DEFAULT	RESPONSE WHEN RELEASING THE MASTER KEY
1.	Enable/Disable Alarm		1 beep = Enabled 2 beeps = Disabled
2.	SIREN BEEP, turns on and off		1 beep = Enabled 2 beeps = Disabled
3.	RECORDING CONTROLS. Up to 4 controls. When writing the 5 th , the 1 st will be deleted.		Indicators/turn signal lights + long beep. Press the buttons arm and disarm simultaneously in the control, 3 beeps confirm the recording. To exit the function, turn the ignition off.
4.	AUTOMATIC LOCK <i>Item 12.3</i>		1 beep = Enabled 2 beeps = Disabled
5.	AUTO REARM <i>Item 12.4</i>		1 beep = Enabled 2 beeps = Disabled
6.	SIREN SELECTION		Press the Master Key again to select the desired sound
7.	ANTI CARJACKING BY PRESENCE <i>Item 15.2</i>		1 beep = Enabled 2 beeps = Disabled
8.	ANTI CARJACKING BY SECRET BUTTON <i>Item 15.1</i>		1 beep = Enabled 2 beeps = Disabled
9.	SELECT ASSEMBLER <i>Item 8</i>	1	1 - Universal 2 - Ford 3 - Chevrolet 4 - Peugeot / Citroen 5- New KA and KA+
10.	AUTOMATIC UNLOCK <i>Item 12.3</i>		1 beep = Enabled 2 beeps = Disabled
11.	AUTOMATIC WINDOWS LIFT SIGNAL <i>Item 9</i>	1	1 beep = Universal Mode 2 beeps = Mode VW G5 3 beeps = Mode FIAT 4 beeps = Honda
12.	SAÍDA AUXILIAR <i>Item 10</i>	1	1 = Open window glasses or trunk 2 = Temp lligth courtesiy 3 = Temp headlights
13.	SET THE ULTRASONIC SENSOR SENSITIVITY	3	<i>Item 4</i>
14.	CONFIRMS DISARM BY IGNITION <i>Item 12.5</i>		1 beep = Enabled 2 beeps = Disabled
15.	FACTORY SETTING		1 long beep - factory settings restored

3 SHORT BEEPS

END of SETUP without CHANGES.

 = Enabled

 = Disabled

7) Alarm Installation Diagram (See page 11).



8) Assembler Settings - item 6.9

Configure according to the vehicle manufacturer/model:

1 - Universal.

2 - Ford: Fiesta, Ranger and Ecosport (wire Brown / White micro key lock on the driver's side door).

3 - Chevrolet: Cobalt, Onix, Spin, New S10, Trailblazer and Sonic (connect the Grey / Black to positive (+) of the vehicle LED, do not connect the wires White and Yellow).

4 - Peugeot / Citroen: All.

5 - New KA and KA+ , connect the green / white wire to the door switch Positive.

9) Automatic Window Lift Setting - item 6.11

9.1 Universal Mode: Negative sign of 15 seconds. For GOL G6 use **Item 13**. Toyota Corolla 08 to 14 = blue wire and Corolla 15 = green wire, connecting the micro driver's door key to the original glass. Should be enabled to lock the keyhole windows function of the driver's door.

9.2 VW Mode: Gol, Saveiro, Voyage (generation 5) manufactured after February 2009, with original window lift system and electric lock. Close the windows, lock and unlock the doors. Connect the Green / Black wire on pin 5 of the 23 ways original module connector, located above the acceleration pedal. Do not connect the wires Red / Black and Red / Yellow (locks and unlocks).

9.3 FIAT Mode: Palio, Idea, Punto and Linea with automatic windows lift, ascent and descent. Connect the alarm Green / Black wire on pin 8 in the original module in the Palio line and Idea located behind the glove compartment. In Linea and Punto, Red / Black is in the module located behind the fuse box. New Uno after 2015 , connect to the wire Brown / Green 6-way connector to the original alarm, located on the steering column.

9.4 Honda Mode: Civic / CRV 13 to 15 and HR-V, connect to Pink thin wire located on the set of buttons on the driver's side door.

10) Setting the Auxiliary Output - installation of a relay will be necessary.

UNIVERSAL 10.1: item 6.12.1. Is used, for example, to lower a window glass or open the trunk, by controlling TR2 or TR2-P. Negative sign in Grey, when pressing and holding the AUX button for more than 2 seconds with the alarm off.

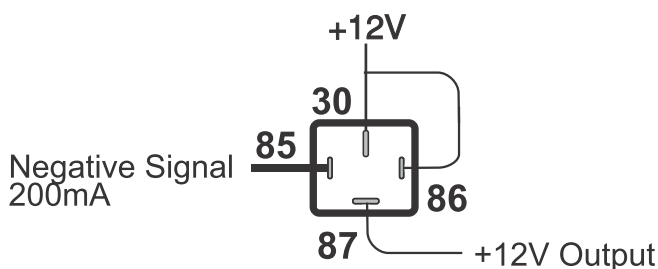
10.2 TIMING THE CEILING LIGHT. item 6.12.2. Turn the ceiling light on for 15 seconds every time the alarm or the ignition are turned off. This time will be cancelled by turning the ignition or the alarm on.

10.3 TIMING HEADLIGHTS. item 6.12.3. Turn the headlights on for 30 seconds by pressing the AUX. button control TR2 or TR2-P by 2 seconds with the alarm off. This time will be cancelled by turning the ignition or the alarm on.

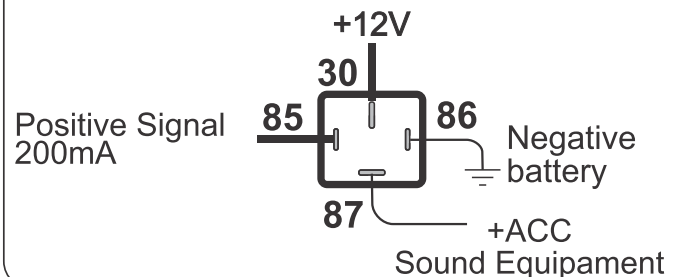
11) Relay Installation diagram

The outputs for lock, unlock, auxiliar and stereo equipment support a maximum of 200mA. If there is needing of installation of equipment with a greater consumption than 200mA, relays must be used in the installation.

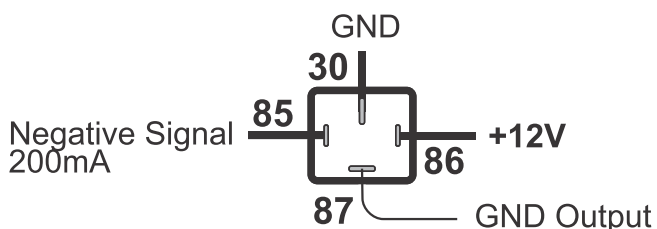
Transform the negative signal of alarm (200mA) into a positive + 12V.



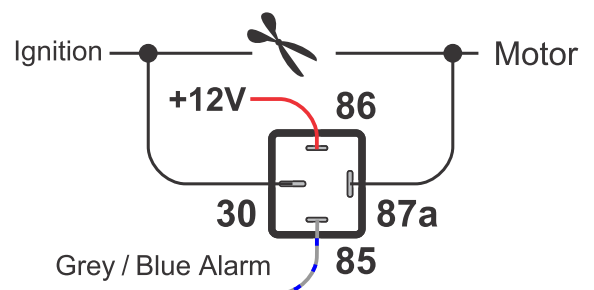
Trasform the positive signal (sound) of the alarm (200mA) positive to high current + 12V



Transform the negative signal of alarm (200mA) in negative high current



Blocking of the vehicle



12) Alarm Functions



12.1 SHUTDOWN-LIMITATION OF ALARM TRIGGERS: In case of violation, the alarm will trigger the siren and flash the indicators/turn signals for 45 seconds. After 5 seconds, the sensors will be monitored. If it is triggered 4 times by the same sensor, this will be cancelled, keeping the other ones active. It will only be monitored again when the alarm is armed again by the remote control.



12.2 ALARM TRIGGER REPORT: When you disarm the alarm and hear 4 beeps, it means that the alarm was triggered due to a violation. The LED will give the report until you turn the ignition on. Indications are: 2 blinks-caused by ultrasonic sensor; 3 blinks-caused by the door opening.



12.3 AUTOMATIC LOCK: About 8 seconds after turning the ignition on, the doors will be locked and unlocked by turning the ignition off. It won't lock if there is an open door, or if you turn on the ignition before closing the doors. You can disable the automatic unlock when you turn the ignition off, [item 6.10](#).



12.4 AUTOMATIC REARM: Rearm the alarm automatically after 60 seconds when turned off by remote control and:

- Door, hood or trunk are not opened;
- Ignition is not started;
- Ultrasonic Sensor does not detect movement. It is possible to disable, [item 6.5](#).

12.5 CONFIRM DISARM BY IGNITION. [item 6.14](#)

To turn off the alarm via the original remote control, the user will have 10 seconds to turn the ignition on. If this does not happen, the alarm will trigger. To cancel the trigger, lock the doors, turn on and turn off the alarm through the control and turn the ignition on before 10 seconds.

12.6 LANTERN ON MONITORING. The alarm sounds a beep warning that the lantern is on when you turn the ignition off and open the door.

only function available in UNIVERSAL or CHEVROLET settings. [item 6.9](#)

Functions by means of the TR2 or TR2-P control



12.7 LIGHTING TURN SIGNAL/ INDICATORS: The alarm times the indicator lights for 10 seconds. Press 2 (twice) the disarm button off the remote control, with the alarm off.

Only by TR2 or TR2-P controls.



12.8 CANCEL ULTRASONIC SENSOR: When arming the alarm, cancelling the ultrasonic sensor, [item 17.9](#), the door glass won't close. To close the windows and turn on the ultrasonic sensor, disarm the alarm and then arm again by the remote control.



12.9 HOME function of the control TR2 and TR2-P:

By means of the HOME button of the TR2 and TR2-P controls, it is possible to activate the automatic gates or residential alarm, without the need for an auxiliary module, only registering the control in the control panel.

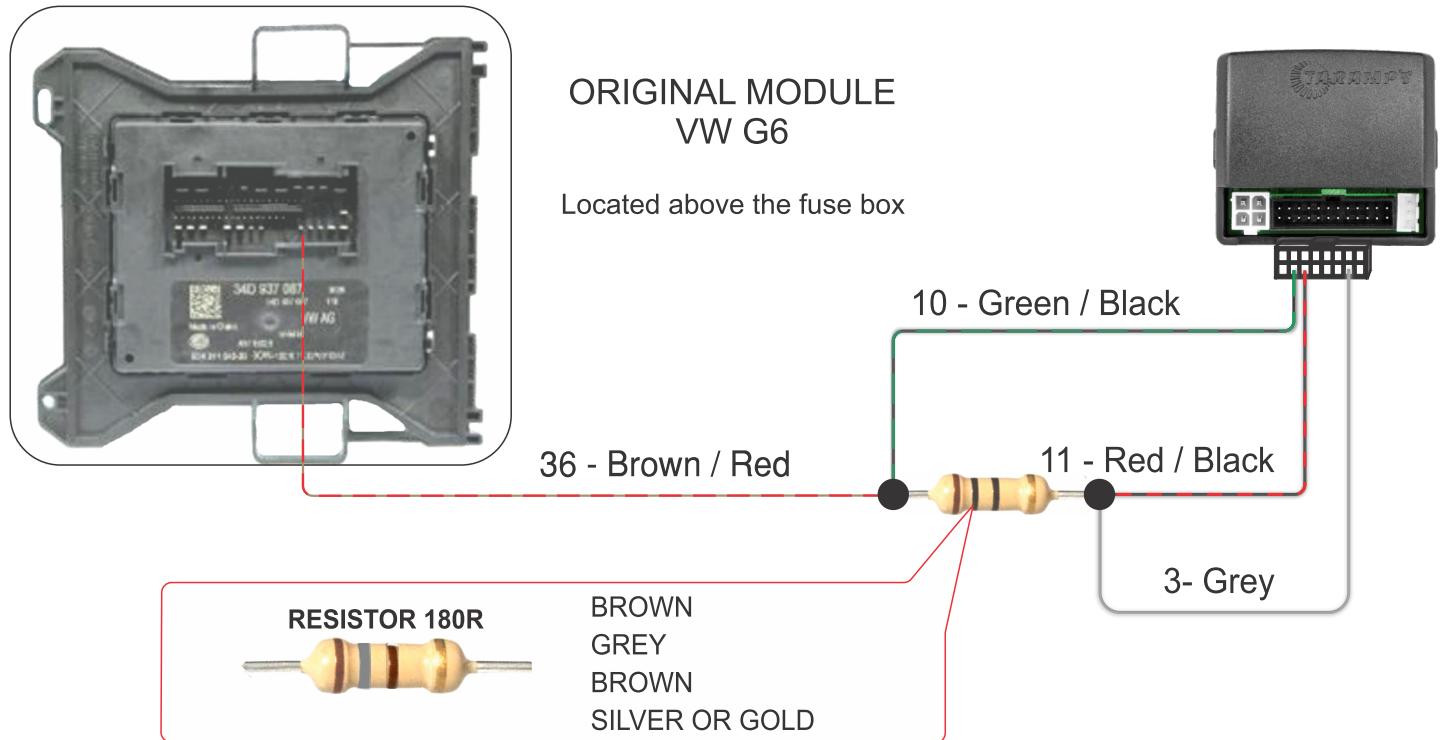
The TR2 or TR2-P control must be registered according to the manufacturer's instructions, as if it were a control of the same mark of the gate or residential alarm. Compatible with CODE LEARNING systems.

13) VW Installation tip G6

Function: Close and open window glasses, locks and unlocks the doors.

Attention: Resistor 180R sent with the alarm.

Setting activation of automatic window lift = Universal



Please note: For proper operation, you must ground correctly the alarm module. Some of the wire colors may change without notice from the car manufacturer. You must test before making connections.

14) Remote Controls TR2 / TR2-P (Sold separately)

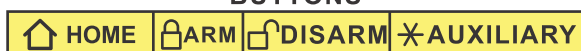
The Key Pass may be triggered by the TR2 or TR2-P controls. With these controls it will be provided with additional functions. Example: function presence through the TR2-P control.

433.92 MHz Operation frequency
Anti-Cloning Technology (Hopping Code)
1 Battery CR 2032 3V-LITHIUM



Images are merely illustrative, being able to differentiate with the real image!

BUTTONS



Replacing the battery of the control.



Open the plastic box with care, from the sidelines. Replace the battery, observing the polarity (+) e (-). Use battery CR2032.



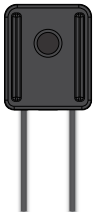
USE GOOD QUALITY BATTERY



INSTALLER: You can only use one anti carjacking type at a time, by presence, or by secret button. Notify the user the exact location of the master key, only the master key can cancel the anti carjacking mode, by the secret button or turn the alarm off in case of loss of the remote control.

15) Types of Anti Carjacking (to enable the master key)

15.1 ANTI CARJACKING by SECRET BUTTON:



With the function enabled in the alarm, **item 6.8** every time you open and close the door and turn on the ignition or lock the door with the ignition switched on, the Master Key (button) should be pressed by 1 second, otherwise will activate the Anti Carjacking function. After 50 seconds of ultrasonic sensor LED begins to flash, the sound will be turned off, the siren and indicators, and + 20 seconds the engine will fail to be definitely blocked. To cancel, press the Master button (secret) at any time.

Attention: Only the secret button can cancel this function.

15.1.1 VALET FUNCTION: Is used to leave the vehicle in a parking lot for example: without the need to indicate to the Valet the master key (secret button) position. Turn off the ignition, hold the master key pressed for 3 seconds, 3 blinks on the LED of the Ultrasonic Sensor, will confirm the activation. To cancel, turn on ignition and press the master key for 1 second.



15.2 ANTI CAR JACKING BY PRESENCE: With the function enabled in the alarm **item 6.7**, and activated the automatic transmission control TR2-P **item 16.1**, ignition on and doors, closed, with the TR2-P remote control away from the vehicle, the Anti Carjacking function is activated. After 3 minutes, the ultrasonic sensor LED starts blinking, sound will be turned off, siren and indicators/turn signals are triggered, + 20 seconds the engine will fail until it is completely blocked. To cancel, approach the TR2-P control to the car and wait for the transmission or press disarm control TR2-P.

vendido separadamente

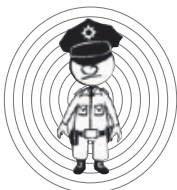


TR2-P

The TR2-P control should be with the driver, separate the car key and the remote control and shouldn't be close to metal objects such as coins or keys, this can cause interference in the transmission.

You will need to replace the battery of the control every 6 months or when the alarm sounds 1 beep when starting the car, stating that the TR2-P control battery is low voltage **item 16.4**.

ATTENTION: Only the control TR2-P can cancel the ANTI CARJACKING by the PRESENCE, in case of loss of the control, a new one must be registered for the cancellation of the function.



16) Function Presence-TR2-P control*

**ACTIVATE
TRANSMISSION:
PRESS SIMULTANEOUSLY:**



**Until the LED
turns off and blinks 1x.**





**DISABLE
TRANSMISSION:
PRESS SIMULTANEOUSLY:**





**Until the LED
turns off and blinks 2x.**





16.1 ACTIVATION OF TRANSMISSION OF CONTROL PRESENCE TR2-P:

Press the buttons  +  simultaneously until the LED turns off and blinks 1x.
From then on the code presence will be transmitted every 30 seconds.

16.2 DISABLING THE PRESENCE MODE TR2-P CONTROL:

Press the buttons  +  simultaneously until the LED turns off and blinks 2x.
To avoid the alarm triggering when the car is in movement, activate the transmission again.
This function allows to do the blocking test without keeping the remote control far away from the car.

16.3 TEST of PRESENCE:



















- 1) Enables assault mode for presence. **Item 6.7**
- 2) Check if the transmission of the presence signal of the control is enabled; **item 16.1**
- 3) Keep the ignition off;
- 4) Hold the buttons  +  pressed until the LED turns off and flashes (1) blink. Do this near the car or inside of it (as would be the real situation). Every 2 seconds, the control will transmit the presence signal. The alarm will sound (1) beep in the siren every time it receives the signal from the control. To exit the function, press any button of the TR2-P control.

*THESE FUNCTIONS DEPEND on the ANTI CARJACKING by PRESENCE -ENABLED
ITEM 6.7 1st. beep.

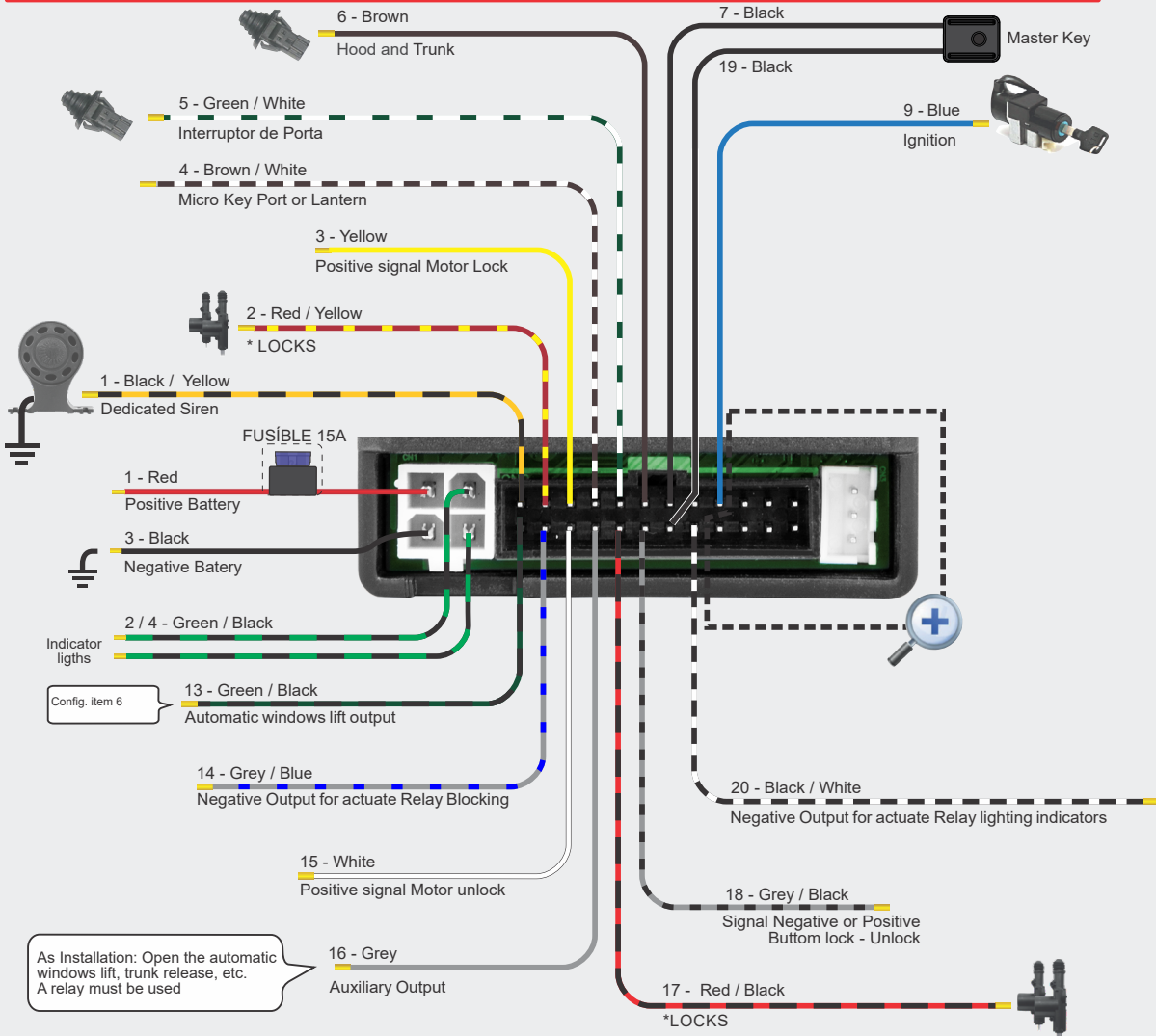


16.4 LOW BATTERY WARNING the 7.6 CONTROL TR2-P: When the battery of the TR2-P control is low, a long beep will be sounded when turning on the ignition. This will happen until the battery is replaced.

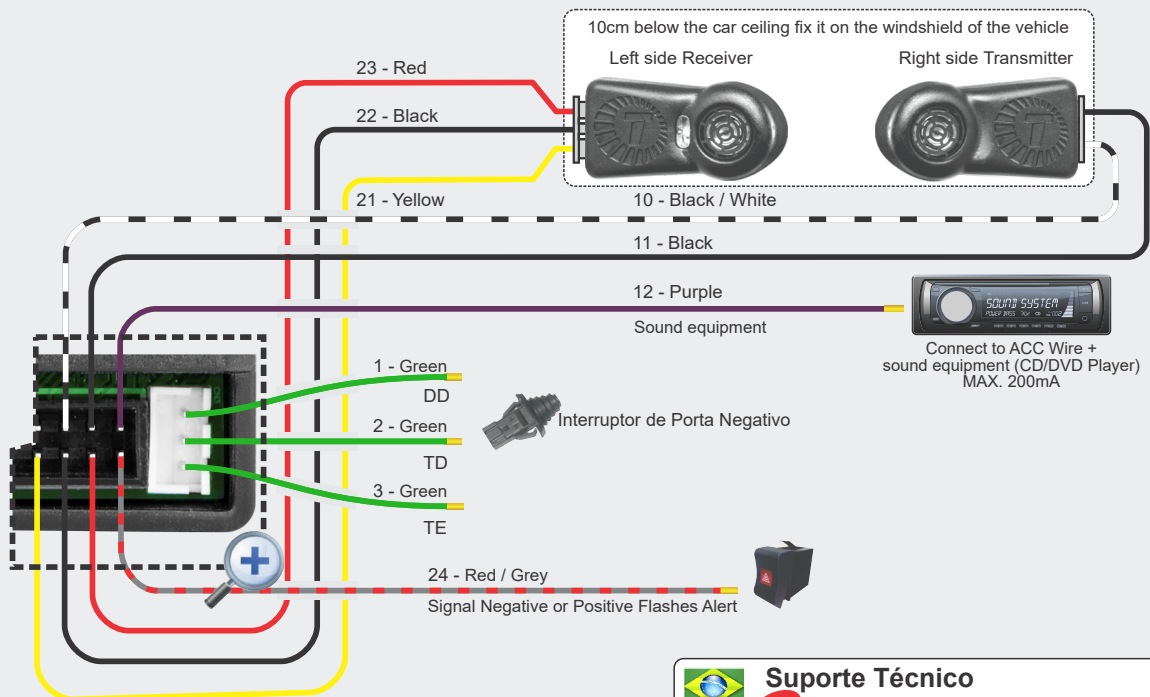
17) Remote Control functions (sold separately)

FUNCTION	ACTION IN CONTROL	ALARM RESPONSE
17.1 Arm the Alarm	Press 	The indicators blink 1x + 1 siren beep
17.2 Disarm the Alarm	Press 	The indicators blink 2x + 2 siren beeps. Note: If the indicators blink 4x + 4 beeps indicate that there was a triggering when the alarm was operating Item 12.2 .
17.3 Silent Arming	Press  then 	The indicators blink 1x.
17.4 Silent disarming	Press  then 	The indicators blink 2x. Note: If the indicators blink 4x indicate that there was a triggering when the alarm was operating Item 12.2 .
17.5 Car Finder	Press  for 2 seconds with the alarm on	Indicators will blink for 20 seconds. To cancel, press the button again 
17.6 Panic	Press  for 2 seconds with the alarm on	Triggers the siren and the indicators blink for 45 seconds. To cancel, press the button 
17.7 Cancel alarm trigger	Press  when the siren is sounding	Siren stops and the indicators as well. The alarm continues monitoring.
17.8 Lighting Arrows	Press  2 (twice). ( + 	The turn signals/indicators will light for 10 seconds.
17.9 Cancel Ultrasonic sensor	Press  shortly thereafter  by 2 seconds	1 long beep confirms cancellation of ultrasonic sensor and the windows lifting. Ultrasonic sensor back to work the next turn on.
17.10 Auxiliary output to trunk release, put the glass windows down...	Press  for 2 seconds with the alarm off	While the button is pressed, the alarm outputs a negative signal at auxiliary output. (An auxiliary module installation in needed.) Item 10
17.11 HOME	Press 	Item 12.9

7) Installation Diagram



⚠️ *Pulse for LOCK, UNLOCK 200mA NEGATIVE, only install for electric locks with a drive control unit, other locking types will require the use of relays or an electric lock central.



⚠️ Attention: Check if it is necessary to change the assembler according to the model of the vehicle, **item 6.9**. In case of doubts contact us for technical support Taramps.

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