

Tarsafe

MOTORCYCLE ALARMS

TMA 10 - TMA 20 - TMA 30

G4

MANUAL

MOTORCYCLE ALARM

1) Before starting



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

- ✦ This product is only intended to prevent or inhibit motorcycle theft;
- ✦ Before contacting TARAMPs technical support, read the manual, which contains all the information necessary for the installation and use of the product;
- ✦ The installation of the product must be carried out by a qualified professional;
- ✦ During installation, use a multimeter to measure signals from the motorcycle;
- ✦ For its perfect operation, the +12V signal with ignition on, needs to be connected to the alarm;
- ✦ Place the alarm central away from metal parts, modules, cables and ignition coil. Clean the installation area of the alarm central very well;
- ✦ The TARAMPs motorcycle alarm has an inclination sensor and for its perfect operation it is necessary that the central unit is correctly placed.

2) INCLINATION sensor

The TMA G4 Alarm has a central accelerometer which records the inclination of the motorcycle every time the alarm is activated from the remote. When changing the inclination of the motorcycle with the alarm is activated, it activates the siren and the indicators. The standard sensitivity of the inclination sensor is setting 3, you can change the sensitivity through programming.

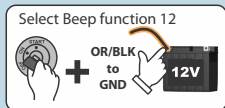
Setting
1
2
3
4
5

Sensor Sensitivity
+20%
+10%
STANDARD
-10%
-20%

Alarm Response
1 Beep
2 Beeps
3 Beeps
4 Beeps
5 Beeps

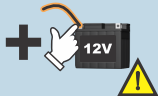
Set inclination Sensor Sensitivity

- Turn on the ignition.
- Put the OR/BLK wire to GND until beep 12.
- The alarm will sound with the current setting:
 - 1 Beep = Sensitivity +20%
 - 2 Beeps = Sensitivity +10%
 - 3 Beeps = Sensitivity **Standard**
 - 4 Beeps = Sensitivity -10%
 - 5 Beeps = Sensitivity -20%



Settings
1X = +20%
2X = +10%
3X = Standard
4X = -10%
5X = -20%

To change, touch the OR/BLK wire to GND the number of times related to the desired setting. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.



Attention: To prevent false triggers from the inclination sensor, the alarm central must be well placed and fixed with double-sided tape.

3) Remote Controls*

- Operating Frequency 433.92MHz
- Anti-Cloning Technology (Hopping Code)
- Transmission System Against Jammer
- Battery 3V - CR 2032 LITHIUM

Illustrative images and may be different from the real one.



Changing the Control Battery.



Open the plastic box carefully on the sides.
Replace the battery, observing the polarity (+) and (-).
Use CR2032 batteries.



* See item 18 which remote control belongs to which model of the Alarm.
Any control model can be purchased separately.

"This equipment operates in a secondary mode, that is, it does not have the right to protection against harmful interference, even from stations of the same type, and it cannot cause interference in systems that work in a primary mode."

G4 controls functions (made from June 2019)

- **Anti Jammer function.** EXCLUSIVITY IN THE G4 TARAMPS LINE.

Jammer is when there is another control transmitting near the alarm central, making it impossible to activate or deactivate the alarm through the control that is recorded in the central.

- Code G3 (for alarms TARAMPS G1 to G3).

- G4 code (exclusive to the TARAMPS G4 line).

Change G3 / G4 codes - of TR2 and TR2-P controls

A - Hold down the Home and Auxiliary keys;

B - Release after the LED turns off;

C - The LED flashes indicating the new code system:

3 flashes = line G1 to G3

4 flashes = G4 line ahead

ATTENTION: This function only applies to Controls manufactured after June/2019.



4) Record NEW control in the alarm Central

possible to record up to 4 controls, when recording the 5th, it removes the first.
PROCEDURE:

- touch the OR/BLK wire on GND until beep 3.

- When releasing, 1 long beep and the turning signals will stay on;





















Press the ACTIVATE + DEACTIVATE keys of the control simultaneously,
3 Beeps confirm the recording.

To exit setup, turn off the ignition.

Select Beep 3 function

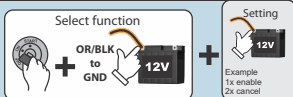


5) Remote Control Functions

FUNCTION	ACTION	ALARM RESPONSE
1 - Activate Alarm	Press 	1 Flash of lights + 1 siren beep
2 - Disable Alarm	Press 	2 lights Flashes + 2 siren beeps Note: 4 flashes in the lights + 4 beeps, indicate that alarm triggering has occurred with the alarm activated. Item 9.2
3 - activate alarm without beep	Press  then 	1 Flash at the lights
4 - Disable alarm without beep	Press  then 	2 lights Flashes Note: 4 flashes in the lights + 4 beeps, indicate that a alarm triggering has occurred with the alarm activated. Item 9.2
5 - Locate Motorcycle	Press  for 2 seconds with the alarm activated	Lights flash for 20 seconds. To cancel, press the button 
6 - Trigger the alarm	Press  for 2 seconds with the alarm activated	Trigger the siren and the lights flash for 45 seconds. To cancel, press the button 
7 - Cancel Trigger	Press  with the alarm triggered	Cancel siren and lights. The alarm remains activated.
9 - Cancel the inclination sensor	Press  then  for 2 seconds.	1 long beep, confirm. The sensor operates again in the next activation. Item 9.3.3
10 - Auxiliary Output 1, use relay	Press  for 2 seconds with the alarm off	Keeping the button pressed, keeps the output activated. GRAY wire
11 - Auxiliary Output 2 use relay	Press  for 2 seconds with the alarm off	See item 13
12 - Automatic Presence Transmission	Press  +  for 2 seconds	See item 7.1 Only for the TR2-P control
13 -Range test presence function	Press  +  for 2 seconds	See item 7.2 Only for the TR2-P control
14 - HOME	Press 	See item 9.4

6) Programming

Turn on the ignition and touch the ORANGE/BLACK wire on the GND until the Beep of the desired function. The alarm will sound the Beep of the current setting, to change it, touch the OR/BLK wire to the GND the number of times of the desired setting.



1 - ENABLE/DISABLE the alarm



1 beep = ENABLE
2 beeps = DISABLE

2 - BEEP activate/deactivate



1 beep = ENABLE
2 beeps = DISABLE

3 - CONTROL RECORDING

See item 4

4 - Change IGNITION PASSWORD

Standard = 33 See item 14.1

5 - Assault mode by PRESENCE



1 beep = ENABLE
2 beeps = DISABLE item 7

6 - Assault mode by SECRET BUTTON



1 beep = ENABLE
2 beeps = DISABLE item 8 !

7 - INCLINATION SENSOR



1 beep = ENABLE
2 beeps = DISABLE item 2

8 - TURN SIGNALS on/



1 beep = ENABLE
2 beeps = DISABLE

9 - TIME TO LOCK



1 beep = 1 minute
2 beeps = 2 minutes
3 beeps = 3 minutes

10 - Motorcycle battery SAVING mode - SLEEP



1 beep = ENABLE
2 beeps = DISABLE item 9.3

11 - ACTIVATES ALARM WHEN YOU WALK AWAY
See Item 15



1 beep = DISABLE
3 beeps = Only Activates WITH Beep
4 beeps = Activates and Deactivates WITHOUT Beep
5 beeps = Activates and Deactivates WITH Beep

12 - Adjust SENSITIVITY INCLINATION Sensor



To change, see item 2

13 - ORANGE WIRE Setting
See Item 13



1 beep = SECRET BUTTON
2 beeps = AUXILIARY Output 2 Pulse !
3 beeps = AUXILIARY 2 Output Retention

14 - GREEN WIRE Setting
See Item 11



1 beep = trunk button
2 beeps = HIGH BEAM signal
3 beeps = gearshift neutral

15 - CLONE GATE CONTROL

See item 12

16 - FACTORY RESET

1 beep LONG
factory settings restored

3 LONG BEEPS = END OF PROGRAMMING WITHOUT CHANGING THE SETTINGS



= Enabled



= Disabled

! ATTENTION: When configuring the Orange wire as Auxiliary Output 2, the Secret Button Lock function cannot be enabled. To enable it, configure as 1st beep = secret button.

7) Lock function by presence

Operation:

With the engine running, moving the TR2-P control away from the motorcycle, it automatically activates the assault mode. After the programmed time (Beep 9 of the configuration), it triggers the siren and lights, another 10 seconds the engine starts to fail until it turns off. To cancel, move the TR2-P control close to the motorcycle and wait for automatic transmission or press the TR2-P control OFF button.

Activate the Presence Function in the TR2-P control

- Press and hold the Power and Auxiliary keys;
- Release after the LED turns off;
- The LED will flash informing:
 - 1 flash = automatic transmission activated
 - 2 flashes = automatic transmission off



Enable assault mode by Presence in the Alarm Central

- Turn on the ignition.
- Touch the OR/BL wire on GND until beep 5.
- The alarm will sound with the current setting:

1 Beep = ENABLE
2 Beeps = DISABLE

Select the Beep 5 function



OR/BL
to
GND



Setting



Example:
1x Enable
2x disable



To change, place the OR/BL wire on the GND the number of times related to the desired configuration. At each touch the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.



Attention: In the TMA G4 line, the standard configuration of the assault by presence mode is ENABLED, and it can be CANCELED in Beep 5 of the configuration.

IT IS NECESSARY TO ACTIVATE THE AUTOMATIC TRANSMISSION OF THE CONTROL TR2-P

Assault mode time setting, 1, 2 or 3 minutes

- Turn on the ignition.
- touch the OR/BLK wire on GND until beep 5.
- The alarm will sound with the current setting:

1 Beep =Block in 1 minute
2 Beeps =Block in 2 minutes
3 Beeps =Block in 3 minutes

Select Beep function 9



OR/BLK
to
GND



Setting



Example:
1x 1 minute2x
2 minutes3x
3 minutes



To change, place the OR/BLK wire on the GND the number of times related to the desired configuration. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.



Attention: When the 2 assault modes are enabled together, by Presence and Secret Button, the sound of the siren is different, so you know which one has been activated and cancel correctly. The TR2P control only cancels Presence Assault mode and the button only cancels Secret Button Assault mode.

7.1) Test Assault Mode by Presence

It is not necessary to move the control away from the motorcycle, just deactivate the automatic transmission of the TR2-P control, turn on the ignition and wait for the programmed time, beep 9.

Disable the Presence Function in the control

- Hold down the Active and Auxiliary keys;
- Release after the LED turns off;
- The LED flashes indicating the new configuration:
1 Flash = Automatic Transmission ON
2 flashes = Automatic transmission DISABLED



7.2) Test the range of the Presence Transmission

How it works:

It is used to test the range of the automatic transmission in Presence assault mode. With the automatic transmission activated on the control, the function activated on the alarm control panel and the ignition off, press the DISABLE and AUXILIARY buttons on the TR2P control, until the LED turns off. After releasing, the LED flashes every 2 seconds, with each flash, the alarm will sound a BEEP, confirming that it received the transmission. Move the TR2-P control away from the motorcycle until it is confirmed no more. To cancel, press any button on the remote control.

Activate the RANGE test

- Ignition off
- Press the Deactivate and Auxiliary buttons together;
- Release after the LED turns off;
- LED flashes every 2 seconds, alarm sounds with Beep;
- To cancel, press any button on the control.



Low BATTERY warning.

When you turn on the ignition, the alarm indicates with 1 BEEP the need to replace the TR2-P control battery



Attention: In the TMA G4 line, the standard configuration of the assault by presence mode is ENABLED, and it can be CANCELLED in Beep 5 of the configuration.

IT IS NECESSARY TO ACTIVATE THE AUTOMATIC TRANSMISSION OF CONTROL TR2-P

8) Secret Button Assault Mode - disabled in standard configuration.

How it works:

With the ignition on, press the Secret Button for 1 second. If not, Assault mode is activated. After the programmed time, (according to the Beep 9 setting), it triggers the siren and turn signals, another 10 seconds the engine starts to stop until it turns off. To cancel the blocking, press the SECRET BUTTON.

ATTENTION: The control does not cancel the assault mode by SECRET BUTTON.

Attention: If the Orange wire is configured as Auxiliary Output 2, the Secret Secret Button Assault mode cannot be enabled. Change settings for 1st Beep - item 13

Enable Assault Mode by Secret Button

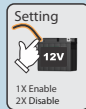
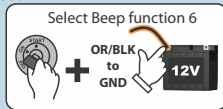
- Turn on the ignition.
- Put the OR/BLK wire on GND until beep 6.
- The alarm will sound with the current setting:

1 Beep = ENABLE

2 Beeps = DISABLE



To change, touch the OR/BLK wire on the GND the number of times related to the desired configuration. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.



8.1) Parking Function (only for Assault Mode by Secret Button)

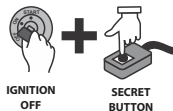
It is used to leave the motorcycle in a parking lot, for example, without having to indicate the position of the Secret Button.

How it works:

Turn off the ignition and press the Secret Button 3 seconds.

Lights flash 3 times confirming activation.

To cancel the Parking function, turn on the ignition and press the Secret Button for 1 second.



Attention: Function Disabled in the Standard configuration, it is necessary to enable it in Beep 6 of the configuration. In G4 alarms, the assault mode by Secret Button, Beep 6, and the assault mode by Presence, Beep 5, can be enabled together

Assault mode time setting, 1, 2 or 3 minutes

- Turn on the ignition.
- Put the OR/BLK wire on GND until beep 5.
- The alarm will sound according to the current setting:

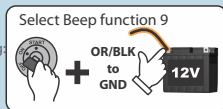
1 Beep = Block in 1 minute

2 Beeps = Block in 2 Minutes

3 Beeps = Block in 3 Minutes




To change, touch the OR/BLK wire one the GND the number of times related to the desired configuration. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.



9) Alarm Functions

9.1 SHUTDOWN - TRIGGERING LIMITATION: In the event of an alarm triggering, the alarm activates the SIREN and the light flashes for 45 seconds. Another 5 seconds, check the sensors again. Four triggerings from the same sensor cancel it, keeping the others active. The sensor will be activated the next time the alarm is activated by the remote control.
Obs.: Ignition has no triggering limitation.

9.2 TRIGGERING REPORT: Deactivating the alarm with 4 Beeps, it reports that a triggering has occurred. To know the cause, press  right after deactivating the alarm by the control. The number of beeps reports the cause.

1 Beep	Inclination Sensor
2 Beeps	Auxiliary Sensor
3 Beeps	Ignition



9.3 SLEEP FUNCTION / SAVING (save motorcycle battery)TARAMPS Alarms exclusivity. Function enabled in the standard configuration Beep 10.

ALeaving the motorcycle stationary with the alarm activated or not, for more than 24 hours, the BATTERY SAVING mode 'Sleep' is activated. In this mode, the motorcycle's battery consumption is reduced 17 times compared to normal consumption. All sensors remain active and trigger the alarm in case of any change in the signals. For this saving to happen, the RF system (Remote Control Receiving System) is disabled, so the alarm will not respond to remote control commands.

9.3.1 HOW TO DEACTIVATE THE ALARM IN SAVING MODE?

Turn on the ignition or move the motorcycle (with the inclination sensor enabled), the alarm will return to normal operation, activating the RF system (remote control reception). Disable the alarm via remote control as soon as the lights flash. Otherwise, another 5 seconds activates the siren, flashes the lights and shuts off the engine. If the remote control cannot be used, the alarm can be disabled by the ignition password. [item 14](#)



9.3.2 INCLINATION SENSOR IN SAVING MODE.

The inclination sensor in saving mode does not trigger with a simple change of the position of the motorcycle. A strong touch, such as sitting on the motorcycle seat, is required to exit economy mode. Disable the alarm via remote control as soon as the lights flash.

9.3.3 DISABLE THE INCLINATION SENSOR: By activating the alarm and disabling the inclination Sensor (accelerometer) through the control, [item 5.9](#), the alarm does not go off when the motorcycle is inclined, but when the ignition is switched on or the trunk is opened, if installed. To return to normal operation, disable and enable the alarm by remote control.



9.4 HOME function TR2 and TR2-P control:

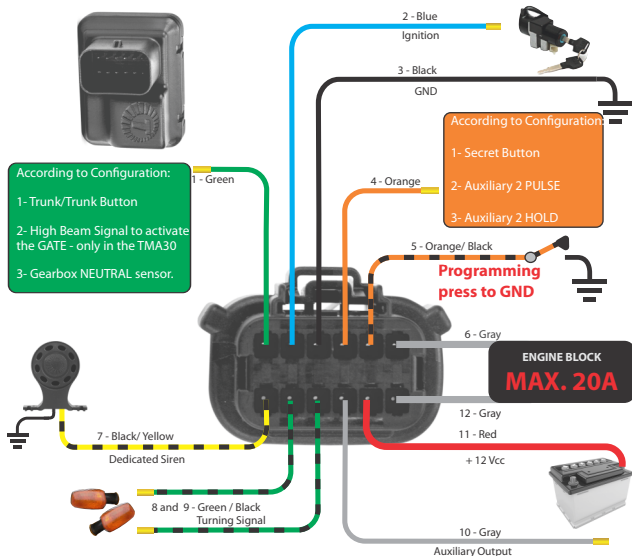
Use the HOME button of the TR2 or TR2-P controls, it is possible to activate the automatic gate or residential alarm, without having to use the auxiliary module, only recording the control in the gate or alarm central.

Record the TR2 or TR2-P control according to the manufacturer's instructions, as if it were a control of the same brand of gate or residential alarm.

Compatible with CODE LEARNING fixed code system.

10) Installation Scheme

For correct operation, check the battery voltage with the motorcycle turned off. If the battery is less than 12V, please recharge or replace it. Make sure that the battery is charging with the motorcycle on.



Attention:

- In the TMA G4 line, the standard configuration of the assault by presence mode is ENABLED, and it can be CANCELED in Beep 5 of the configuration.
- **IT IS NECESSARY TO ACTIVATE THE AUTOMATIC TRANSMISSION OF THE TR2-P CONTROL**
- To prevent false triggers due to the inclination sensor, the alarm central must be well fixed, through the double-sided tape.



Alarm basic operation: When activated by remote control, the control unit records the inclination of the motorcycle. Another 10 seconds, changing the inclination or turning on the ignition triggers the alarm.



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11) GREEN wire configuration

Programming

- Turn on the ignition
- Put the OR/BLK wire on GND until beep 14.
- The alarm will sound according to the current setting:
 - 1 Beep = Trunk Button
 - 2 Beeps = High Beam Signal to activate gate
 - 3 Beeps = Gearshift Neutral Sensor

Select the Beep function 14



Setting



Example:
1x Trunk
2x High Beam
3x Neutral Gear shift



To change, place the OR/BL wire on the GND the number of times related to the desired configuration. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.

1) Trunk button.

Connect the GREEN wire to the button. The alarm triggers when the trunk is opened with the alarm activated.

2) High Beam signal.

Connect the GREEN wire to the High Light signal, to open and close the automatic gate. [item 12](#).

3) Gearshift Neutral Sensor.

Installation and setup required, when configured to start the engine via the control, on a motorcycle with an original system that allows starting without the gear being in neutral.

12) Clone Automatic Gate Control

Attention: Connect the GREEN wire to the HIGH LIGHT signal before cloning the control, so the alarm will automatically set. Cloning the automatic gate control will change the configuration of the GREEN wire when opening and closing the gate.

Operation:

With the ignition on, give 2 touches of high beam, to open or close the automatic gate.

No programming or installation in the automatic gate control unit is necessary.

INSTALLATION SEQUENCE

- Connect the GREEN wire to the HIGH BEAM signal.
- Clone the original GATE control in the TMA G4 alarm central.

Attention: Function compatible only with fixed code systems, CODE LEARNING.

Programming:

- Turn on the ignition.
 - Put the OR/BLK wire on GND until beep 15.
 - When releasing, 1 long beep and the turning signals will remain turned on;
- Press the keys that activate the Gate
- 3 Beeps confirm recording.
- To exit setup, turn the ignition off.

Select the Beep function 15



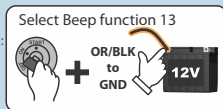
Clone



13) Setting Auxiliary Output 2 - ORANGE wire

Programming

- Turn on the ignition.
- Touch the OR/BLK wire on GND until beep 13.
- The alarm will sound according to the current setting:
 - 1 Beep = Secret Button
 - 2 Beeps = AUXILIARY Output 2 Pulse
 - 3 Beeps = AUXILIARY Output 2 Hold



To change, touch the OR/BLK wire on the GND the number of times related to the desired setting. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.

1) Assault Mode by Secret Button

Configuration for installation of the button for the ASSAULT MODE BY SECRET BUTTON. **item 8.** Enabling the Secret Button automatically changes the setting of the Orange wire.

2) AUXILIARY 2 output - pulse.

In this configuration, with alarm and ignition off, pressing the remote control's DISABLE button for more than 2 seconds, it activates the output and when the button is released, it deactivates.

3) AUXILIARY 2 output - retention

In this configuration, with alarm and ignition off, pressing the remote control DISABLE button for more than 2 seconds, activates the output, when releasing the DISABLE button the output will remain activated.

To turn off the output, press the remote's OFF button again.

Operation Example.:

To start the motorcycle, connect the ORANGE wire to the relay to turn on the ignition and the GRAY wire to the relay for the start button.

- Press the OFF button on the control until the ignition is on, and press the AUX button until the engine starts.

Since the ORANGE wire (Auxiliary 2 output) is in hold mode, the ignition remains on, keeping the engine running.

- To turn off the engine, press the OFF button on the control again.



ATTENTION: Risk of accidents in the event of incorrect installation.

For motorcycles where it is possible to start with the gear out of neutral, it is essential to install and configure the GREEN wire connected to the neutral signal, so that accidents do not happen.

Activate Auxiliary output 2

- Press the OFF button on the remote with the ignition off and the alarm off.



+ than 2 seconds

14) Ignition Password - Disarm Alarm without the Control

In case of problems with the remote control (low battery, damage or loss), it is possible to disable the alarm by the ignition password, even with the alarm triggered. Disabled, the alarm does not work until enabled by the ignition password.

How to use:

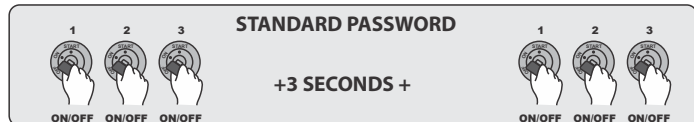
1-Turn the contact on and off according to the first digit, (standard 3).

Wait 3 seconds;

2-Turn the contact on and off according to the second digit, (standard 3)The alarm will respond after 2 seconds:

1 beep enables;

2 beeps disable.



14.1) Change ignition password

1- Turn on the ignition;

2- touch the OR/BLK wire on GND until beep 4

3- When releasing the alarm, it sounds 4 beeps and the turning signals will remain on.

4- Turn the contact on and off according to the first digit;

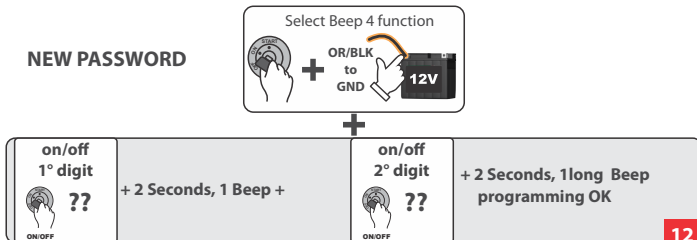
5- Wait 2 seconds (1 beep confirms);

6- Turn the contact on and off according to the second digit;

7- At the end leave the ignition off.

After a few seconds, a long beep confirms that the new password has been entered. If there are 2 beeps, there was a recording error, you have to do the whole process all over again.

Standard password _3_: _3_ NEW PASSWORD ____: ____



15) Activate alarm when walking away

This function is used to activate the alarm when moving the TR2P remote control away from the motorcycle. After turning off the ignition and moving the TR2P control away, beyond the transmission range, the alarm will activate in up to 15 seconds.

Alarm activation settings:

1st Beep = Canceled function, the alarm only activates/deactivates by remote control.

2nd Beep = **Activates** the alarm, **Without BEEP** and the TURN SIGNALS do not flash when the control is moved away, and only Deactivates when pressing the Deactivate button on the control.

3rd Beep = **Activates** the alarm **With BEEP** and the TURNING SIGNALS do not flash when the control is moved away, and only Deactivates when pressing the Deactivate button on the control.

4th Beep = **Activates** the alarm **without BEEP** and the TURN SIGNALS do not flash when you move the control away, and **Deactivates** the alarm **without BEEP** as soon as you receive the automatic transmission of the control or press the Deactivate button on the control.

5th Beep = **Activates** the alarm **With BEEP** and the TURN SIGNALS do not flash when the control is moved away, and **Deactivates** the alarm **With BEEP** as soon as receiving the automatic transmission of the control or pressing the Deactivate button on the control.

Programming

- Turn on the ignition.

- Put the OR/BLK wire to GND until beep 11.

- The alarm will sound according to the current setting:

1 Beep = Canceled

2 Beeps = Activate without BEEP and Deactivate by Control

3 Beeps = Activate with BEEP and Deactivate by Control

4 Beeps = Activate and Deactivate without BEEP

5 Beeps = Activate and Deactivate with BEEP

Select Beep function 11



Setting:



1X = Cancel
2X = only Activates without Beep
3X = only Activates with Beep
4X = Activate and Deactivate without beep
5X = Activate and Deactivate with Beep



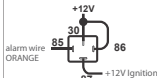
To change, touch the OR/BLK wire on the GND the number of times related to the desired setting. At each touch, the alarm confirms with 1 beep. After turning off the ignition, beeps confirm the new setting.

16) Relay Connections

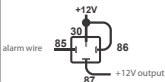
The AUXILIARY 1 and 2 outputs are NEGATIVE outputs and handle a maximum of 200mA.

For higher consumption or POSITIVE signal, use relay.

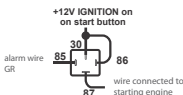
Turn on the ignition through the OR wire



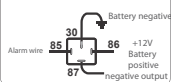
Change NEGATIVE signal of the alarm (200mA) for POSITIVE +12V



Start the engine through the GR wire



Change NEGATIVE signal of the alarm (200 mA) into NEGATIVE of higher power



17) Electrical Features

Operating voltage	9 a 16 Volts
Consumption	Sleep 0,3 mA / normal 5 mA
Engine Block	Max. 20 A
Turning signal Outputs	2 x 4A c/ digital protection
Auxiliary Outputs 1 and 2	Max. 200 mA - (Negative Signal)
Siren Output	Dedicated Siren Only

18) Composition



	TMA 10 G4	TMA 20 G4	TMA 30 G4
Control TR2		1	
Control TR2 P	1	1	2
Control TR5	1		
Control the Gate	✗	✗	✓
Presence	✓	✓	✓
Secret Button	✓	✓	✓
2 Auxiliary Outputs	✓	✓	✓

Warranty Term

TARAMPS, with address at Abilio Daguano Street, 274 Res. Manoel Martins - Alfredo Marcondes - SP, ZIP 19.180-000, warranties this product against eventual manufacturing defects or product component defects for a 24-month deadline, from the date of the purchase.

In the event of a malfunction within the guarantee deadline, TARAMPS' responsibility is limited to the repair of the equipment manufactured by it.

This warranty excludes:

- Products damaged by improper installation or installation by unauthorized individuals;
- Water infiltration;
- Removed Warranty seal;
- Cases where the product is not used under normal conditions;
- Damage caused by accessories, modifications or equipment attached to the product;
- Natural wear components, such as battery;
- Damage resulting from drops, impacts or actions of agents of nature (floods, lightning, etc.);
- Warranty statement not filled out or scratched;
- Transport and reinstallation costs;
- Damages of any kind resulting from problems with the product, as well as losses caused by interruption of use. TARAMPS is not responsible under any circumstances for theft of the motorcycle or its accessories.



Taramps reserves the right to modify the content of this manual without prior notice and does not undertake to apply changes to previously produced units.



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Fabricado por / Manufactured by

F. TARIFA EIRELI-EPP

CNPJ:11.273.485/0001-03

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