TACTICAL PROGRAMMING CARD
FOR **TITAN**™

⬡GATE

QUICKSTART GUIDE

Congratulations on your new TITAN Tactical Programming Card!

Tactical Programming Card is an easy-to-use device that allows you for adjusting the TITAN functions not only when you are preparing for a game at home but also in the field.

With the outstanding card you can even make the TITAN sensors' inspection and read diagnostic trouble codes. When you need to use the card, it is enough to connect it between the battery and the airsoft gun.

FOR YOUR OWN SAFETY, PLEASE READ THE INFORMATION BELOW CAREFULLY BEFORE USING THE DEVICE

- TPC is compatible only with TITAN V2 including BASIC, ADVANCED and EXPERT firmware.

- Use only the latest version of the GATE Control Station (GCS) app available at *gatee.eu/gcs*

- If your TITAN V2 Electronic Trigger Unit (ETU) is already installed in your replica, update its firmware using USB-Link or Blu-Link.

Safety Summary

Notice: Do not remove the device cover.

Notice: The Product Warranty Form is available on our website:
WWW.GATEE.EU/WARRANTY

In case you have any difficulties while using this product, we recommend to email us at
support@gatee.eu

Programming Card usage

BATTERY CONNECTOR   CONTROLLER CONNECTOR

BATTERY 7.2 - 14.8V

DROP-IN MODULE

PROGRAMMING CARD

A ICON

B ICON

LEDs

PRE-COCKING MODE
OFF   SMART   AUTO

PRE-COCKING BOOST
LOW   MID   HIGH

BURST MODE
FULL   TRIG

BURST / HIGH   TRIGGER SENSITIVITY   LOW
50%   60%   70%   80%   90%   100%
ROF CONTROL

BATTERY PROTECTION
OFF   LIPO   LIFE

LOW BAT. WARNING
OFF   3.2V   3.4V

BATTERY CELL
AUTO   2   3   4

ROF STAB
OFF   ON

SAFE   SAFE   SAFE   SAFE   SAFE   SAFE
SEMI   SEMI   SEMI   BURST   SEMI   SEMI
AUTO   2   3   4   BST-AUT   AUTO
FIRE SELECTOR MODE

WHITE DISPLAY

BLACK DISPLAY

BUTTON RIGHT

BUTTON LEFT

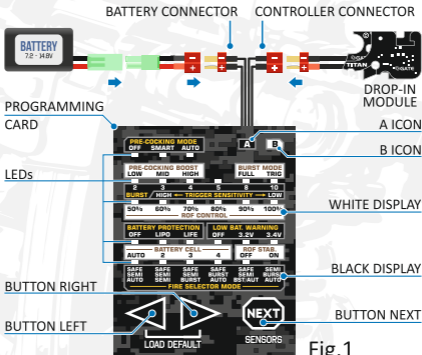BUTTON NEXT

LOAD DEFAULT

NEXT
SENSORS

Fig.1

GATE   03

1. Connect the battery to the Programming Card. The LEDs light on and start blinking (*Fig.1*).

2. Connect the airsoft gun with TITAN inside to the Programming Card. All current settings are displayed on the corresponding LEDs (*Fig.2*, *Fig.3*).

3. When the icon **A** is ON, check only on the **black** display of Programming Card (*Fig. 2*).

4. When the icon **B** is ON, check only on the **white** display of the Programming Card (*Fig. 3*).

5. Click button **NEXT** to switch between functions and A/B displays.

6. Click button **LEFT** or **RIGHT** to switch options.

7. Click and hold buttons **LEFT** or **RIGHT** to switch.

8. Before firing, disconnect the Programming Card and connect the airsoft gun to the battery.

9. All the settings are saved automatically.

10. Click and hold buttons **LEFT** and **RIGHT** to load default settings.

11. To restore factory settings click and hold **RIGHT** and **NEXT** buttons.
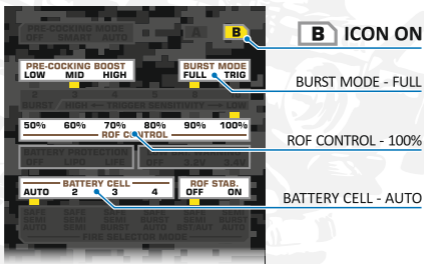
The basic operations and adjusting main settings:

A ICON ON

BURST - 3

corresponding LED

FIRE SELECTOR MODE SAFE/SEMI/AUTO

Fig.2

B ICON ON

BURST MODE - FULL

ROF CONTROL - 100%
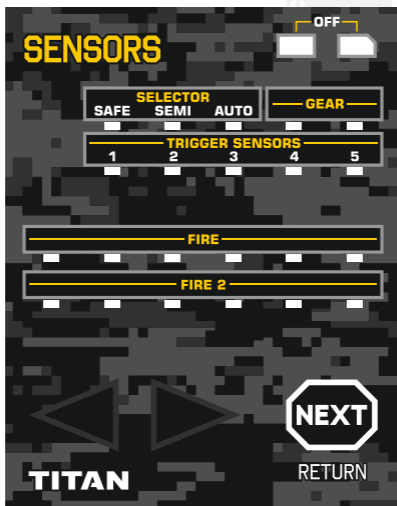
BATTERY CELL - AUTO

Fig.3

Fig.4

1. Click and hold button **NEXT** to switch to SENSORS display.

2. TITAN SENSORS are displayed on corresponding LEDs in real time (*Fig.4*).

3. **FIRE** lights up when the trigger sensors detect the preselected trigger sensitivity.

4. **FIRE2** lights up when the trigger sensors detect the preselected **2-STAGE TRIGGER** sensitivity (the second stage of trigger).

5. Click and hold button **NEXT** to return to the main settings.
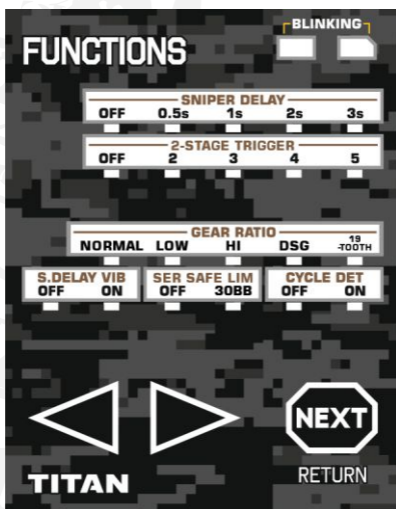
Advanced functions

Fig.5

1. Click and hold at once buttons **LEFT** and **NEXT** to switch to advanced functions display.

2. All current settings are displayed on the corresponding LEDs (*Fig.5*).

Diagnostic Trouble Codes

Fig.6

1. Click and hold at once buttons **LEFT**, **RIGHT** and **NEXT** to switch to DTC display.

2. All the diagnostic trouble codes (since the last clearance) are displayed on the corresponding LEDs (*Fig.6*).

3. Click and hold button **NEXT** for 1.5 second to clear DTC.

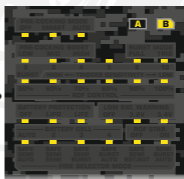4. Click button **NEXT** to return to the main settings.

INDICATORS

A ON **B** OFF	Display A
A OFF **B** ON	Display B
A ON **B** ON	Diagnostic Trouble Codes Display
A OFF **B** OFF	Sensors Display
A BLINK **B** BLINK	Advanced Functions Display

All LEDs blink continuously - TITAN is not connected

All LEDs blink 3 times - default settings are restored

The LEDs lines turn ON and OFF one by one
- it is necessary to update TPC firmware

The LEDs turn ON sequentially one by one
- firmware update progress bar

100 ms
ON

200 ms
OFF

100 ms
ON

600 ms
OFF

The LED lights flashing - option not available in TPC. You set in GCS app option not physically available in Tactical Programming Card. You can change the settings, but going back to the previous option via

TPC will be impossible. You can do it again via GCS app.

Remember:

- If you turn off cycle detection mode, some functions such as e.g. setting the fire selector options, pre-cocking, burst mode will not be available. For details, see the table at the end of this manual.

- If your ETU has Regional Lock required by the law, some functions such as ROF control, burst mode or most of the fire selector options will not be available. For details, see the table at the end of this manual.

- In case of setting Gear Ratio as DSG, Pre-cocking boost will change into HIGH. For details, see the table at the end of this manual.

Function	CONFIGURATIONS VIA TPC IN TITAN V2 GBU (3.0->)		
	BASIC	**ADVANCED**	**EXPERT**
Fire Selector Mode[1]	SAFE-SEMI-AUTO[3] SAFE-SEMI-SEMI SAFE-SEMI-BURST[3]	SAFE-SEMI-AUTO[3] SAFE-SEMI-SEMI SAFE-SEMI-BURST[3] SAFE-BURST-AUTO[3] SAFE-SEMI-BST/AUT[3] SEMI-BURST-AUTO[3]	
Pre-cocking mode[1]	OFF/AUTO		
Pre-cocking boost[1]	MID[2]/HIGH[4]	LOW[2]/MID[2]/HIGH	
Burst mode[1, 3]	FULL/TRIG		
BURST[1, 3]	3/5	2/3/4/5/8/10	
Battery Protection	OFF/LIPO/LIFE		
Low Battery Warning	OFF/3.2V/3.4V		
Battery Cell	AUTO/2/3/4		
Rof control	50%/60%/70%/80%/90%/100%		
Rof Stabilization	Not available		
Trigger Sensitivity	✓		
Sniper Delay	Not available	OFF/0.5s/1s/2s/3s	
Sniper delay VIB	Not available	OFF/ON	
Series Safety Limit[1]	OFF/[20]BB		
Cycle Detection	OFF3/ON		
2-Stage Trigger	✓		
Gear Ratio	NORMAL/LOW SPEED/HIGH SPEED/DSG/19-TOOTH		
DTC	✓		
Sensors	✓		

[1]Not available when Cycle Detection = OFF
[2]Not available when Gear Ratio = DSG
[3]Not available when Regional Lock = ON
[4]Available only in DSG Gear Ratio

PRODUCT DISPOSAL INSTRUCTIONS The symbol shown here means that the product is classed as Electrical or Electronic Equipment and should not be disposed with other household and commercial waste at the end of its working life. The Waste of Electrical and Electronic Equipment (WEEE Directive 2012/19/UE) has been put in place to recycle products using best available recovery and recycling techniques to minimize the impact on the environment. Purchasers shall take any old electrical equipment to waste recycling public centers or points of sale.

CERTIFICATE OF CONFORMITY GATE Enterprise Sp. z o.o. Sp. k. hereby declares under our sole responsibility that the product GATE TITAN TACTICAL PROGRAMMING CARD is in conformity with the essential requirements of the following Directives: EC DIRECTIVE 2011/65/EU. This product has been certified as RoHS Compliant.

CE RoHS 2011/65/EU

1942

GATE

facebook.com/Gatee

youtube.com/GateMovies

instagram.com/GateEnterprise