# WARFET 1.1 Programmable Mosfet Complete Kit - GATE

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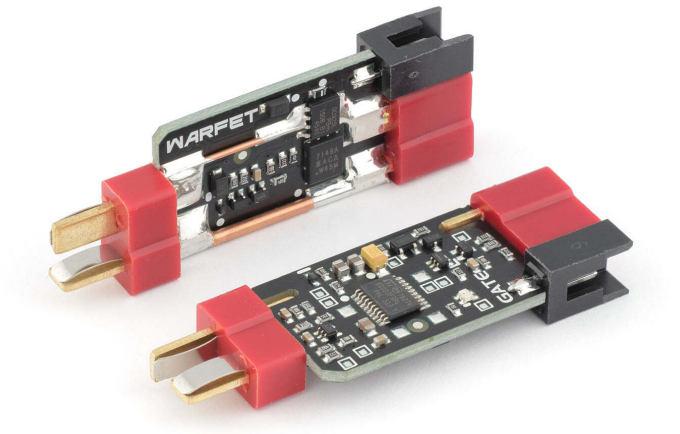




| SKU | Designation | French Law | MSRP |
|---|---|---|---|
| A69473 | WARFET 1.1 Programmable Mosfet Complete Kit - GATE | Vente libre | 129.00 € incl. tax |

## WARFET is GATE's most advanced AEG control system

It has 20 functions and nearly 6 million possible configurations. The remarkable Tactical Programming Box allows you to easily access the settings of the WARFET Power Module.

## Included in the kit:

- Tactical Programming Box
- Power Module WARFET
- Mini Tamiya battery adapter
- Mini Tamiya adapter to the replica
- Additional Deans-T Connector Kit
- Single signal lead for trigger contacts
- Double signal lead wire for trigger contacts
- Quick Start Guides

With Pre-cocking and Smart Trigger, you can get a trigger response similar to a real weapon. The programmable Burst (1-5 shots) allows you to shoot a predetermined number of BBs, which is very useful in MILSLIM and using low-cap chargers. Another function is the Rate of Fire Control, which allows you to reduce the rate of fire, so that you can use strong LiPo batteries, and still have the rate of fire as in a real weapon. If your replica gets stuck, Fuse Smart protects the engine and battery from damage. It still protects against excessive discharges from the battery. In addition, with WARFET you get: MOSFET, Active Brake ON / OFF, Built-in self-test, Anti-kickback, and more. Many useful functions, excellent electrical characteristics and coating (military specifications: MIL-V-173C) make the AEG control system able to meet the needs of the most experienced airsoft players.

SUPER-EASY INSTALLATION - PLUG & PLAY, NO WELDING REQUIRED

## The WARFET has the following features:

- Programming box for easy use
- Rugged and super-small size WARFET Power Module
- Compatibility with replicas and the strongest batteries (ready to operate with LiPo 14.8V, 5000mAh, 60C)
- Tested with car batteries
- Very easy to install - with Mini Tamiya adapters that are included in the kit, you will be able to easily connect your replica to your WARFET even in original installation
- Compatible with most factory-installed Mosfets with replicas
- Decreases the likelihood of merging switch sets into an original installation
- Direct battery energy directly to the motor, neutralizing trigger mechanical contacts in a modified installation
- MIL-V-173C treatment for moisture resistance
- Protects Against Excessive Battery Discharges 7.4V, 11.1V, 14.8V LiPoly and 9.6V, 12.8V LiFePO4
- Improves battery life, firing rate, spring life and GB reliability

## WARFET Power Module Parameters:

- Works from 3 to 17V
- Protection against short circuits up to 1000A
- Ultra low standby power consumption: 0.2mA
- Ultra-low resistance: only 2m?
- Dimensions of: 56mm x 20mm x 9mm
- Weight: 9.4g

## Tactical Programming Box

The exceptional Tactical Programming Box gives you easy access to the settings of the WARFET Power Module. All you need to do is connect the Tactical Programming Box between the battery and the WARFET Power Module. A big advantage is that there is no need to use additional cables. The WARFET Power Module can be mounted out of sight in your AEG, and you always have easy access to its settings. The Tactical Programming Box communicates with the WARFET Power Module and shows the most recently registered setting. You can change it simply by using three buttons.

**Tactical Programming Box Parameters:**

- Supply voltage: 5-17V
- Number of LEDs: 29
- Number of buttons: 3
- Dimensions of: 67mm x 53mm x 7mm
- Weight: 27.3g

## Functions:

**TACTICAL PROGRAMMING BOX**

The unique Tactical Programming Box gives you easy access to AEG controller settings. All you need to do is connect the Tactical Programming Box between the battery and the Power Module.

**PRE-COCKING**

Victory in the game is often a matter of fractions of a second. Thanks to PRE-COCKING, you gain a trigger reaction similar to a real weapon. It allows an initial compression of the spring, which accelerates the reaction of the trigger significantly. You can set the PRE-COCKING time using the Tactical Programming Box. There are two PRE-COCKING MODES:

1) AUTO MODE - the spring is automatically compressed after each stroke,
2) TRIGGER MODE - the first action of the trigger compresses the spring and the second action of

the trigger fires.

Warning: *the use of PRE-COCKING increased wear on the GB. PRE-COCKING is designed for SEMI mode. In AUTO mode, it may cause blanks.*

**PLUG & PLAY**

Very easy installation, just plug and play. No welding needed. All you need to do is connect the battery and replicate it to the Power Module.

**PROGRAMMABLE BURST**

The function allows you to draw a predetermined number of BBs (1-5), which is very useful in MILSLIM and when using low-caps. You can change AUTO MODE to BURST MODE or SEMI MODE to BURST MODE *. The Tactical Programming Box allows you to set the burst time. The Power Module automatically corrects the burst duration according to the level of the battery voltage.

** SEMI to BURST in modified installations only.*

**3RD BURST**

Burst mode allows you to perform sets of 3 shots. In this way, you can save BBs and increase realism. You can switch from AUTO mode to BURST mode or from the SEMI * mode to BURST mode.

If you release the trigger earlier in SAFE / SEMI / BURST mode, you can make one or two shots. The burst duration is set in the menu with an accuracy of 4ms. The processor actively compensates for the change in burst duration with a reduction in the rate of fire due to the discharge of the battery.

** Change from SEMI to BURST only in Enhanced mode*

**CONFIGURATION OF THE FIRE SELECTOR**

The function gives you the ability to program your fire selector. There are five modes of operation:

- STOCK WIRING SEMI / AUTO
- STOCK WIRING SEMI / BURST
- MODIFIED WIRING SEMI / AUTO
- MODIFIED WIRING SEMI / BURST
- MODIFIED WIRING BURST / AUTO

**CONTROL OF THE CADENCE OF SHOOTING**

It allows a reduction without loss of the rate of fire of the rifle. A setting of 30% up to 100% is possible.

**SMART TRIGGER**

We know how fast trigger response is important in combat situations. Victory is often a matter of fractions of a second. That's why we developed the Smart Trigger function. This feature allows you to get a faster reaction from the trigger.

It works with the rate control system (ROF). During the first shot, the microprocessor sets the ROF control to 100%. After the first shot, it goes to the previously programmed value, e.g. : 50%. Therefore, the first shot is fired at full speed and subsequent hits with a reduced ROF. The best results can be achieved by using a battery having a voltage higher than that of a standard battery. For example, if you are using a 7.4V battery, you can replace it with an 11.1V battery. This way, you get a faster trigger response with the same firing rate as a standard battery.

**BATTERY PROTECTION**

Protection against excessive discharges of the battery. Modern LiPoly batteries are very sensitive to excessive discharges. If you do not want to damage the battery and worry about its useful life, this protection is essential. The microprocessor will continuously monitor the battery voltage. When it falls below a critical value, it will prevent firing.

**SMART FUSE**

We created an electronic fuse with accurate current measurement. A combination of voltage, temperature and current measurements makes your AEG installation very reliable. This protects the MOSFET against overheating, overload and short circuit. If your replica is stuck, the SMART fuse protects the motor and battery from damage.

**ELECTRONIC FUSE**

We know how reliable is on the battlefield. That's why our new MOSFET has thermal protection. In tandem with a timed fuse, it perfectly protects your AEG installation.

**ACTIVE BRAKE ON / OFF**

The Power Module gives you the possibility to decide if you want to use the Active Brake function. If you do not need it, you can disable it easily.

**ACTIVE BRAKE**

Do you care about realism? Would you like to increase the life of the GB? The rate of fire of your rifle is so high that you are not able to make a single shot? Active Brake will arrange things.

In SEMI mode, Active Brake will prevent compression of the piston after a shot. The piston will stop in the forward position, which will eliminate unnecessary stress while increasing the useful life of GB and its components. This is very important, especially with an upgrade of the power of the AEG.

After releasing the trigger, the rifle automatically stops firing. Thus, you will gain more realism and, moreover, will not lose your precious BBs.

**MOSFET**

Want to get a better rate of fire and a faster reaction of the trigger? Do you plan to increase the power of your rifle? In this case, you need a MOSFET.

It directs the energy of the battery directly to the motor, neutralizing the mechanical contacts of the trigger. As a result, you will get a better shot rate from the rifle and a faster trigger reaction, and the contacts will be protected against burns.

**DEBOUNCING**

This option offers full compatibility with microswitches. It ensures full resistance to contact rebound (vibrations). You gain a bigger ROF, a faster trigger response and your MOSFET is less subject to overheating.

**BUILT-IN SELF-TEST**

It allows you to quickly check if the Power Module is working properly. If you have a problem with your AEG, the built-in self-test verifies that the problem is not caused by the GATE controller.

**3rd GENERATION MOSFET**

The use of the most modern transistors and microcontroller allowed us to create the smallest and most reliable MOSFET on the market.

**DARK MODE**

It allows you to disable the green LED that lights when a replica is firing. This function is particularly useful during night games.

Made in Europe, 12 months warranty

*Les prix de vente conseillés sont mentionnés à titre indicatif. Les armuriers sont libres de vendre au prix qu'ils souhaitent. Textes et photos non contractuels, sujet à modification.*