



## GATE

SKU	Designation	French Law	MSRP
A69475	Programmable NANO HARD - GATE Mosfet	Vente libre	64.00 € incl. tax

### 3rd generation programmable multifunctional MOSFET

The AEG controller has exactly 11 functions. Thanks to its special coating (MILITARY specification: MIL-V-173C), it is resistant to atmospheric conditions.

Battery protection supports: Li-Po 7.4V / 11.1V / 14.8V. You can also disable protection and use other batteries.

#### Included in the kit:

- NanoHARD
- Additional Deans-T Connector Kit
- Single signal lead for trigger contacts
- Double signal lead wire for trigger contacts
- AEG controller programming button
- Rider (2 pcs.)

#### FUNCTIONS:

##### 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.

##### 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.

## **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.

## **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.

## **14.8V LIPO READY**

It can be used with batteries up to 14.8V LI-PO. Minimum operating voltage is 3V and maximum voltage is 17V.

## **COATING**

Thanks to its special coating, it is resistant to atmospheric conditions (MILITARY specification: MIL-V-173C).

## **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.

## **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.

## **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.

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.*