EMP Anti Cheater Alarm

Product Name: EMP Anti Cheater Alarm

Product Model: TQ-001

FCC ID and Registered Holder: 2ATG7TQ-001 Guangzhou Tianqi Technology Development Co., Ltd

Product Introduction

This product is designed to block and deter thieves armed with EMP signal jammers or slot jammers from robbing the amusement, gaming and vending machines. It is applicable to all types of amusement machines currently on the market.

Product Functions

1. Block illegal jamming signals

2. Set off alarm upon detection illegal jamming signals

Basic Parameters

1. Effective distance: 3-5 meters (based on the working environment)
2. Effective frequency band: 315mhz, 390mhz, 433mhz
3. External power supply: 110-230V AC
4. Internal adaptor power output: 12V DC

Functional Modules

Tesla Receiver. Or the so-called hex-inverter, receives jamming signals from the ambient. After such signal is detected, it feeds into the Micro-Controller Unit (MCU).

Micro Controller Unit (MCU). An 8-bit MCU, fed by the Tesla receiver, controls the alarm, records and displays the number of times the alarm was triggered

Radio Frequency Module. Intermittently transmits radio frequencies at 315mhz, 390mhz and 433mhz in order to scan for illegal jamming signals at such frequency bands

Parts included in the complete product kit

1. Power adaptor
2. Six wireless antennas
3. External antenna with clips
4. Main unit
5. Alarm

Installation Instructions

Please follow the instructions indicated as below:

1. Connect the number marked on the antenna to that on the digital terminal.
2. Plug the external antenna into the main unit and clip the clips to the external data line/coin input to be protected.
3. Plug the power adaptor cable into the unit
4. Plug the external alarm into the USB port of the unit
5. Plug the power adaptor to the wall outlet.

Precautions

1. In order to ensure effectiveness, please place the device inside or near the machine to be protected of. It is recommended each machine be equipped individually.

2. This device does not affect the normal use of mobile phones, WIFI, etc. But because it is designed to block certain remotely controlled signals, it may have impact on some remote control devices. If necessary, please contact the customer service.

3. This product is warranted for 3 years, please read the instructions carefully before use.

4. This product is for game machine security protection only. Any illegal use is strictly prohibited. The manufacturer is not responsible for any such use.

FCC STATEMENT:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio freque ncy energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio-communications. However,
there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the

receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC NOTICE:

This device compels with Part 15 of the FCC rules. Operation is subject to the following to conditions:

(1) This device may not cause harmful interference; and

(2) this device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION

Caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Manufacturer: Guangzhou Tianqi Technology Development Co., Ltd.