

Sport Smoke^{.com}
Premium Smoke Grenades

Electric Fire

REMOTE IGNITION SYSTEM

USER INSTRUCTIONS

Warning:

- For adult outdoor use only – keep out of reach of children.
- Do not ignite near or around flammable materials.
- Use only outdoors in well ventilated areas, or with proper respiratory protection.
- Concentrated smoke may cause severe burns to skin, eyes, or respiratory system.
- Improper use may result in sufficient inhalation of smoke to cause irritation of the respiratory tract and lung damage.
- Harmful if swallowed.

Warning:

Field Modules: If the internal firing LED (visible through the primary switch) stays lit even though the primary switch is in the OFF position, DO NOT USE the module as this indicates internal electrical damage and the module will fire igniters without any operation.



The Sport Smoke “Electric Fire” Remote Ignition System (EF-RIS) is a wireless programmable firing system designed to control Sport Smoke Electric Fire Smoke Grenades from long distances. The Remote Ignition System gives the operator the ability to simultaneously or individually detonate multiple smoke grenades in multiple locations across a playing field.

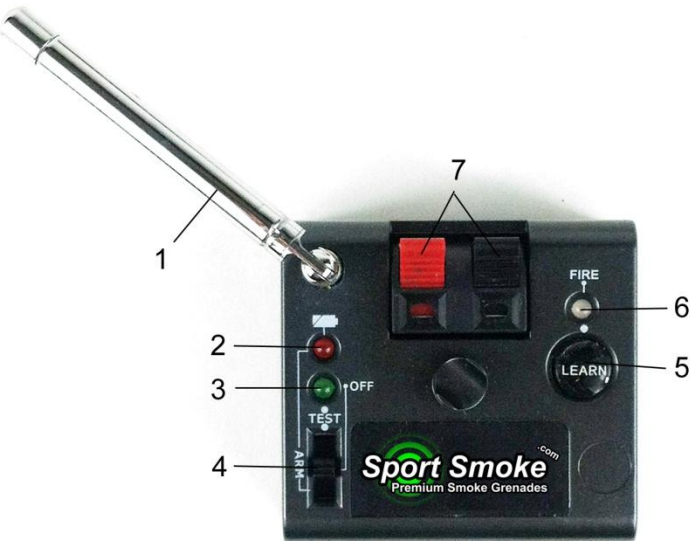
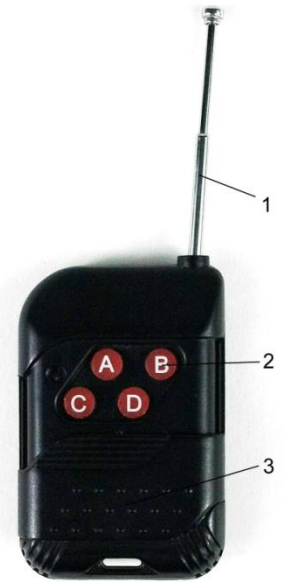
The EF-RIS features a 600+ foot range, with individual Field Module (Receiver) control from one compact Remote. The EF-RIS comes in an incredibly rugged, waterproof, and airtight hard case built to withstand the most extreme conditions. The hard case features easily customizable pick-n-pluck style foam and is large enough to add additional Field Modules or your favorite Sport Smoke Electric Fire Smoke Grenades. The EF-RIS was designed specifically for scenario producers and players looking for ultimate control over their game.

Components

Remote (Transmitter)

Power Source: (1) 23A 12V battery (included)

Description: The Remote (Transmitter) is used for firing a Field Module (Receiver). The Field Module(s) assigned to each button will fire immediately when the button is pressed. The Remote has 4 buttons (item 2) each of which can control any number of Field Modules. The Remote also features a protective slide (item 3) to protect buttons from getting pressed accidentally and a retractable antenna (item 1).



Field Module (Receiver)

Power Source: (4) AAA Batteries (not included)

Firing Current: 4-5 amps

Dimensions: 2 ³/₁₆" x 2" x 1 ¹/₈"

Description: The Field Module is both the receiver that picks up the signal from the Remote and the power source that ignites the smoke grenade. Sport Smoke Field Modules feature easy to use quick-connect terminals (item 7), a TEST mode to ensure a good connection, and a LEARN function to easily program the Module to the remote button of your choice.

KEY:

(1) Folding/Expandable Antenna

(2) Power/Low Power LED: Steady lit condition when in FIRE Mode/Blinking when batteries are low.

(3) Test LED: Used to test if the circuit is continuous. When in TEST Mode the LED will be lit if the circuit is continuous and off if the circuit is broken.

(4) Primary Switch (3-position: TEST, ARM, OFF)

(5) LEARN Button: Used to put the Field Module in LEARN Mode. To use this button the Primary Switch must be in the FIRE position.

(6) Fire/Learn LED

(7) Wire Terminals: Used to connect Field Module to Smoke Grenade. It does not matter which wire goes in which terminal.

Hard Case

Description: The Remote Ignition System features a heavy duty hard case that is waterproof, air tight, and equipped with a pressure relief valve. The case comes with two layers of easily customizable pick-n-puck style foam and can easily carry up to 8 Field Modules or a selection of Electric Fire Smoke Grenades.



Product Setup

1) Install Batteries: Each Field Module requires (4) AAA Alkaline Batteries, or equivalent rechargeable batteries may also be used. The Remote comes with a special 12-Volt 23A battery already installed (replacements available on-line).

2) Program Field Modules: You will have to use the LEARN procedure for each Field Module before it will be able to communicate with the Remote. The LEARN procedure will also determine which button on the Remote activates the Field Module.

LEARN Procedure:

- 1) On the Field Module, set the primary button to the ARM position
- 2) On the Field Module, press and hold the LEARN button for three seconds until the Fire/Learn LED lights up, then release the LEARN button.
- 3) Immediately (within 3 seconds) press the button of your choice on the remote that you wish to assign to the field module. The Fire/Learn LED on the Field Module will blink twice.
- 4) The LEARN process is now complete and the Field Module is now assigned to the button selected on the Remote.
- 5) Confirm successful programming by pressing the Remote button and watching for the Fire/Learn LED to light up on the field module. (You may need to wait several seconds between Remote clicks for the Fire/Light LED to light up)

CLEAR Procedure:

To clear a Field Module of a previously learned Remote code, shift the Primary Switch to the ARM position. Press and hold the LEARN button for a least six (6) seconds and until the Fire/Learn LED blinks three (3) times. After the Fire/Learn LED blinks three (3) times all previously learned codes have been cleared from memory.

Directions for Use

IMPORTANT: Choose a firing location free of dry brush or other flammables. Be sure the smoke grenade is positioned upwind of target location, pointing in a safe direction, and that no hazard will be created by the dense smoke plume.

- 1) Set the Primary Switch on the Field Module to the OFF position and close the protective slide on the Remote.
- 2) Insert wire leads into the wire terminals on the Field Module (It does not matter which wire goes into which terminal). Make sure wire leads are free of corrosion and not touching each other.
- 3) Test for a closed circuit: Set the Primary Switch on the Field Module to the TEST position and make sure the TEST LED turns on. This indicates a good connection. If the LED does not turn on the circuit is broken and the igniter will not fire.
- 4) Put the Primary Switch on the Field Module to the ARM position.
- 5) When ready, press the corresponding button on the Remote to fire.

For additional questions about this product please contact us:

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