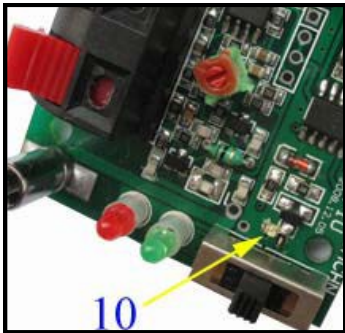




AlphaFire C4Q

4 cue Wireless Firing System

USER INSTRUCTIONS



Warning:

Receivers (Field Modules) - If the internal firing LED (marked as "10" left) stays lit even though the three-position power 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 light will be visible through the three-position power switch.

Description:

Our new Alphafire C4Q Wireless Firing System represents the newest technology in consumer fireworks firing systems. And when combined with our Falcon igniters, allows you to put on a dramatic fireworks display just like the pros - at a fraction of the cost. Plus you get to watch your displays just like your guests! Now there is no longer any reason to hand light your displays. Do it like the pros at a fraction of the cost!

This convenient system is extremely reliable and has many benefits of more expensive professional systems:

- The range from the remote to the field modules is about 300 feet (+/-) depending on surroundings.
- This system maintains high sensitivity with excellent anti-jam performance. It is extremely reliable and easy to use.
- The RF transmission between the remote and receivers is very secure. There are more than 1,000,000 address codes available for the transmitters, and once a receiver is activated by a transmitter button, that receiver will respond only to that transmitter button. Each receiver can store the code of only one button/cue at a time.
- Any number of receivers can be programmed to a single button on the transmitter, allowing a transmitter button to fire multiple receivers simultaneously.
- Each field module receiver has a 3-position switch for TEST, ARM, and power OFF. There is also a low power indicator light that tells you when the batteries need to be replaced.

- There are four (4) separate field modules. This distributed design keeps your shoot site "truly" wireless. Each field module stands near the item being fired - no long wire runs! Igniters can utilize shorter lead wires and there is no need for extra extension wire, which saves you money.
- Field modules are programmable - program any field module to any button of any Alphafire C4Q remote transmitter. Program all field modules to fire on one remote button, or two modules on one button or three, etc., allowing for totally flexible setup arrays.
- Expandable—you can start with 4 cues and upgrade to 8, 12, 16, etc. anytime just by adding more field modules and remotes transmitters.
- All field modules are interchangeable. If any field module should fail after the 1 year warranty period the cost of repair is only the cost of one module.
- Using a remote firing system like our Alphafire C4Q is much safer than lighting by hand.
- The Alphafire C4Q is a versatile and economical answer to a vast matrix of consumer wireless firing demands.



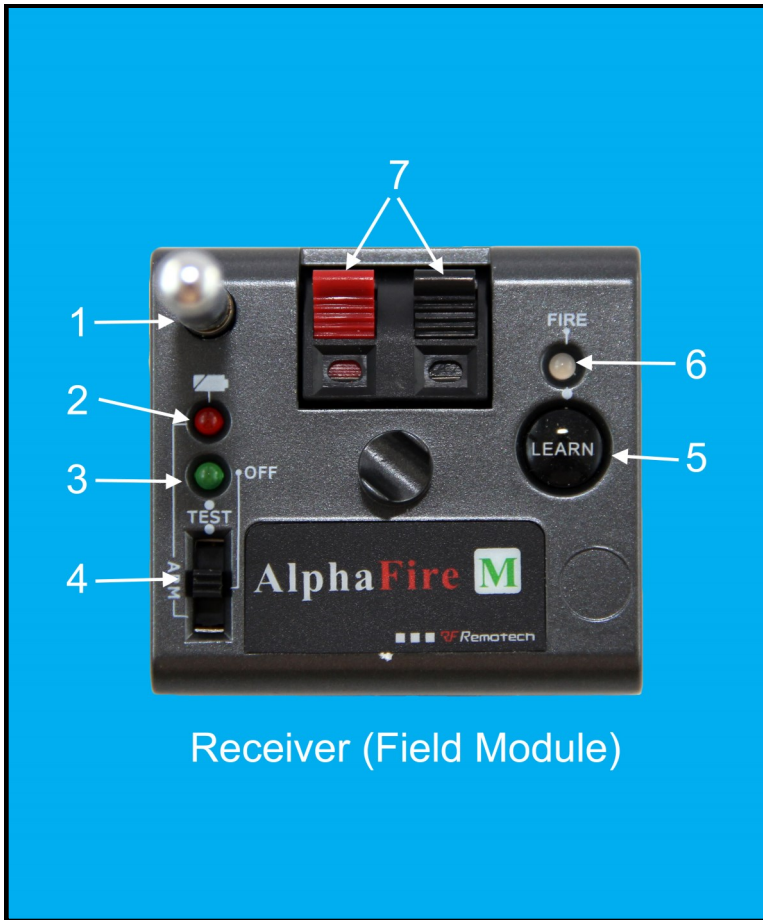
Transmitter (Remote):

Model: TCW200-4LN

Power: 23A 12V battery (not included)

Buttons: 4 buttons labeled A, B, C, D

This transmitter is used for instant on-demand firing. The field module(s) assigned to each button will fire immediately when the button is pressed. Transmitter has a safety slide cover to protect the buttons from getting pressed accidentally.



Receiver (Field Module)

Receivers (Field Modules):

Model: AlphaFire RF1A (FCC certified)

Field Modules: 4 total (each containing 1 cue)

Power: 4x AAA Batteries required

Firing Current: > 750 mA

Test Current: < 10mA

Size: 55 mm x 50.5 mm x 40 mm

Firing Capacity: 1 Falcon Igniter per Module

Legend:

1 – Antenna: retractable and foldable

2 – Power / Low Power LED: Normally the LED is in a steady lit condition when the power switch is in the FIRE position. The LED blinks when the batteries are low.

3 – Test LED: When the exterior circuit is continuous the LED will be on. When the exterior circuit is broken the LED will be off.

4 – Three-Position Switch: TEST, ARM, OFF

5 - LEARN button used to place the unit in LEARN mode. This button will only work when the three-position switch is in the FIRE position.

6 – SIGNAL LED. See section below regarding the LEARN procedure. Also, LED will light when a transmitter signal is received.

7 – Quick Connect Terminals: used for connecting an igniter to the module. It does not matter which wire from the igniter goes in each terminal.

Before Use:

Install batteries: Before using your new firing system you will need to install one 23A 12V battery in the remote transmitter and 4 AAA batteries in each field module receiver. You will need a total of (1) 23A 12V batteries and (16) AAA batteries.

LEARN procedure: You will also need to go through the LEARN procedure for each field module receiver before the receivers will take commands from your remote.

Before Use (continued):

LEARN Procedure for Transmitter A : (follow this procedure for each field module receiver)

Through the LEARNING procedure, the receivers learn which button on the remote they are assigned to.

- On the field module, shift the three-position switch to the ARM position.
- On the field module, press and hold the LEARN button for three seconds until the SIGNAL LED lights up, then release the LEARN button.
- Immediately (within 3 seconds) press a button on the remote transmitter that you want assigned to the field module receiver. The SIGNAL LED on the receiver will blink twice.
- The receiver LEARN process is now complete and the field module receiver is now assigned to the transmitter button selected.
- Confirm successful programming by pressing the remote transmitter button and watching for the SIGNAL LED to light up on the field module.

CLEAR Procedure: To clear a field module receiver of a previously learned remote code, shift the three-position switch to the ARM position. Press the LEARN button and do not release for a least six (6) seconds and until the SIGNAL LED blinks three (3) times. After the SIGNAL LED blinks three (3) times then all previously leaned codes have been cleared from memory.

WARNING: Only when no fireworks are connected to the firing system may the LEARN or CLEAR procedure be performed. Never perform these procedures when fireworks are connected. Accidental ignition may occur.

How to Use:

TEST Igniter Circuit: When an igniter is connected to a field module, shift the three-position switch to the TEST position. If the TEST LED turns on then your external circuit is good. If the TEST LED does not light up then your external circuit is broken and the igniter will not fire. Check your circuit and replace the igniter if necessary.

Firing Procedure: After your has been tested as being good, follow the following procedure for firing:

FIRE Procedure : On-demand cue firing

- On the field module, shift the three-position switch to the ARM position.
- Press the appropriate button on the remote transmitter to fire the corresponding field module(s).
- The SIGNAL LED on the corresponding field module(s) will blink once, indicating a good signal has been received, and the firing current will be sent to the igniter.

NOTE: As a safety measure, once a receiver has been sent the firing command, it cannot be activated again for five (5) seconds.

SAFETY IS OUR MAIN PRIORITY:

REMEMBER, SAFETY IS OUR PRIMARY CONCERN WHEN WORKING WITH FIREWORKS. REMOTE FIRING SYSTEMS CAN ADD AN ADDITIONAL LEVEL OF SAFETY TO IGNITING FIREWORKS, BUT THE RISKS OF ACCIDENTAL IGNITION STILL REMAIN EVEN WITH THE REMOTE FIRING SYSTEMS USE. PLEASE, MAKE SURE ALL FIELD MODULE POWER SWITCHES ARE IN THE OFF POSITION RIGHT UP UNTIL THE TIME YOUR DISPLAY IS ABOUT TO BEGIN. THIS NOT ONLY SAVES ON BATTERIES, BUT HELPS TO PREVENT ACCIDENTAL IGNITION FROM AN INADVERTENT BUTTON PRESS. PLEASE REVIEW OUR COMMON SENSE SAFETY GUIDELINES LOCATED AT: <http://www.fireworks.us>

DISCLAIMER:

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