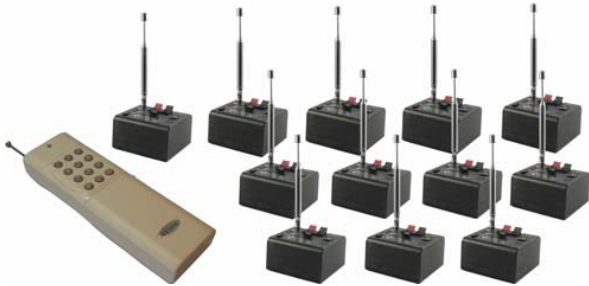


RFRemotech

AlphaFire 1Q, 4Q, 12Q /

AlphaFire C12Q

User's Instruction

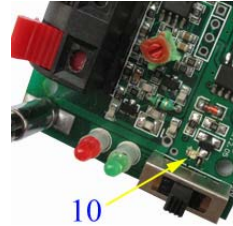


Cues can be activated one by one through pressing buttons

RFRemotech Radio Frequency Remote Technology
Remote Control Products, Remote Controllable Service

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Warning!!!



A. Only the person who has Fireworks licence is allowed to purchase the product, or the person of whom there isn't fireworks purchase limitation in his/her country or district is allowed to purchase the product. RFRemotech/E-MadeinCHN is not with responsibility for any illegal usage.

B. If internal firing LED 10(left) keeps turned on though 3-position switch is OFF, don't use the receiver any more, the receiver will fire e-match or igniter without any operation. It is dangerous and may do damage to body! The light is visible through leaking out from the hole of 3-position switch.

Descriptions

◆◆◆◆◆◆◆◆
Mode: ASK Wireless Radio
Type: Learning Code
Frequency: 315MHz or 433MHz
Every receiver can learn one button of transmitters, Each button can activate its corresponding receiver(s) instantly.

A.Transmitter:

a. TCW Series Transmitters (Recommended)



Model No.: TCW200-1LN, TCW200-2LN, TCW200-4LN
Channel: 1, 2, 4CH
Power: 12V 23A alkaline battery
Transmitting Range: 200m

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With sliding cover, prevent the buttons from misoperation.

b. TCL Series Transmitters (Recommended)



Model No.: TCL2000-12LN, TCL2000-4LN, TCL2000-2LN
Channel: 12, 4, 2CH
Power: 6F22 9V battery
Transmitting Range: 2000m
With ON/OFF switch, prevent buttons from misoperation

c. TCF Transmitter (FCC/CE certified)

TCF100-12LN
Channel: 12CH
Power: 23A 12V battery
Transmitting
Range: 100m
With ON/OFF switch,
prevent the buttons
from misoperation



B. Receiver

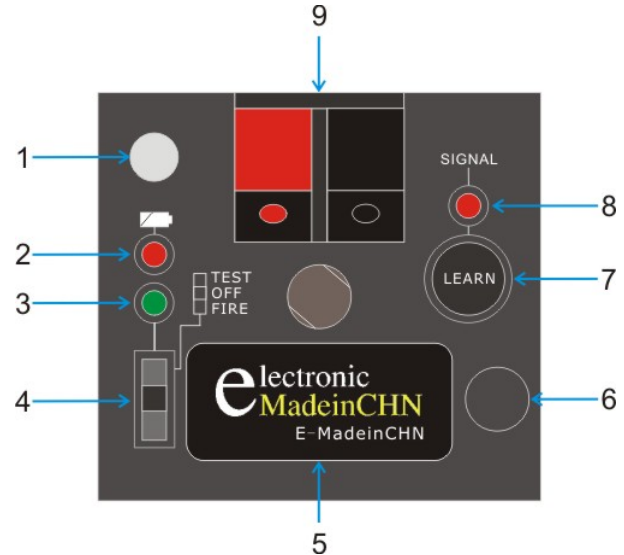
Model No.:
AlphaFire: RF1A,
AlphaFire C: RF1C (FCC/CE certified)
Cue: 1 Cue
Power: 4x AAA battery
Firing current: >750mA, Max. 5000mA
Test current: <10mA
Sizes: 55x50.5x40mm, Antenna is retractile and
can be folded.

1-Antenna, retractile and can be folded.
2-Power/Low Power LED. Normally the LED is
keeping on, when batteries are low, the LED blinks.
3-Test LED. When exterior circuit is coherent, the
LED is on; When exterior circuit is interrupted, the LED is off.

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LED is on; When exterior circuit is interrupted, the LED is off.

4-3-Position Switch, TEST-Test exterior circuit, OFF-Power is off,
FIRE-Receiver is armed to fire fireworks or learn code.
5-Label. Can be remade for bulk purchase.
6-Label Location, mark receiver.
7-Learning Button. Only when 3-position switch is FIRE, LEARN button
can work.
8-Learning/Firing LED. See the following description Learn Code.



9-Fast Fastening Terminals.
10-Firing LED (see the above picture in Page 2)

Before Use



Put 4x AAA battery into battery enclosure.

Learn Code

Receiver must learn code of transmitter button, so that

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transmitter will work with receiver together.

How to Learn Code: Shift 3-position switch to FIRE, keep depressing LEARN button more than 3 seconds to have Learning/Firing LED on, and then release LEARN button, press one of transmitter buttons within 3 seconds, LED will blink twice and then be off, learning code succeeds.

How to Clear Code: Shift 3-position switch to FIRE, press LEARN button and don't release the button for more than 6 seconds until Learning/Firing LED blinks three times and then goes off, code is cleared.

Warning: Only when no fireworks is connected, you can Learn Code or Clear Code!

How to Use



A. Test

To check if external circuit is coherent.

When exterior circuit is connected, Shift 3-position switch to TEST, if TEST LED is on, it indicates the exterior circuit is coherent; If TEST LED is off, it indicates the exterior circuit is interrupted.

B. Fire

When exterior circuit is tested coherent, shift 3-position switch to FIRE, press transmitter button, Learning/Firing LED will blink once, firing current will be sent out.

Please note, in FIRE status, receiver can be re-activated after 5 seconds.

Reference



Any number of receivers can be programmed to any of the buttons/channels, so a button/channel can fire multiple e-matches simultaneously.

Some Recommendations



AlphaFire 1Q
1x TCW200-1LN
1x RF1A
Range 200m.



AlphaFire 4Q
1x TCW200-4LN
4x RF1A
Range 200m.



AlphaFire 12Q
1x TCL2000-12LN
12x RF1A
Range 2000m



AlphaFire C12Q
1x TCF100-12LN
12x RF1C
Range 100m.
FCC, CE certified.

RFRemotech

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