

Professional 18Cue Firing System Brief Introduction

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18-Aug-2007

This is our newest design in 2008. Professional waterproof design and up to date integrated circuit enhance performance and security of our new version 18 cues firing system. Its complete function satisfies more clients with different requests. Moreover, it has input & output triggers which make it compatible with any advanced Euro or American style firing systems. Its nice-looking and favorable price are your best bet.

Function

1. Remote control ignition.
2. Wire control ignition(in Sequence Mode)
3. Signal input/output Trigger ignition(in Sequence/All Mode)

Features

1. Professional Water-proof design
2. High-tech integrated circuit and aseismic design
3. Digital LED for time-setting adjust
4. Twin keys safeguard
5. Intelligent battery protection at low pressure and over loading
6. Input& output trigger ignition
7. Rechargeable internal battery with great capacitance
8. Auto-testing on power-up
9. Outside and durable antenna

Function of buttons on the remote control

1. 1-18 numerical button control cues respectively. That means when you press any one, the corresponding cue on the receiver will fire.
2. Button CONT set the sequence mode. Once press this button, the cues on the receiver will fire consecutively in order according to the set time.
3. Button STEP set the manual mode. Every press of this button will fire one cue from 1 to 18.
4. Button ALL set the all mode. Press this button will fire all 18 cues simultaneously.
5. One safe switch on the side face of the remote control to insure user's safety.

LED Digital Screen(4 lights indication and digital numerical display)

1.))))) is the transmitter to receiver indication. Red light shine indicate the OK connection.
2. P indicate the program of transmitter to receiver.
3. FIRE indicate the fire mode. Turn the function selection switch to FIRE position,

then the red fire light on

4. TEST indicate the test mode. Turn the Function Selection Switch to TEST position, the blue test light on and there will be no display on the screen.

“ADD” “PROGRAM” “→” “↑” “OK/DELETE”

ADD set the address of receiver from A01 to A16. This setting only need to be used in the condition of wireless control of one transmitter to many receivers by using the fourth channel of transmitter.

PROGRAM: Press this key until the P light goes out, this has finished the program of transmitter to receiver. That means the transmitter no longer control the receiver. After that, turn the function selection switch to middle(OFF) and then turn to FIRE again, press PROGRAM, P light shines and the program come back.

→:Choose the position of the number on the screen.

↑:Change the chosen figure.

OK/DELETE: confirm or delete the time setting. A little press means to confirm and a several-second press means to delete the setting. You can tell from the screen that the number glittery in the process of setting and steady after confirmation.

Note: *These two buttons(→↑) are used to set the time ranging from 0.01s to 9.99s or the ALL mode.*

INPUT&OURPUT MODE

This mode are used to make a multi-receiver. Use high quality wire connect receivers(as many as you want) in series without limit. So it's perfect for the large pyrotechnic perform.

Notice Points:

1. Use high quality electrical wire.
2. ALL mode: Set every receiver to All mode and all receivers will fire at the same time.
3. SEQUENCE Mode: Set arbitrary time(ranging from 0.01s to 9.99s) for every receiver, same or different for different receivers. And every cue will fire in order from receiver to receiver.
4. The source of input signal can be DC 6-30V, from battery or other firing equipment.

Battery Indication

Digital LED indication for state of battery

RED LED shine indicate the charging process.

RED LED flash indicate the low power. That means you have to charge the battery.

GREEN LED shine indicate charge completed.

CH indicate the charge socket with a sealed battery with great capacitance. Charge the battery when the RED LED flashes. Every charge may need 4-5 hours and it's advised that someone should be there during charge in case fire.

Outside Antenna

1. It was made of rubber and other materials, so it works well to pick up signals.
2. It is not easy to break owing to its rubber material.
3. Water-proof design.

High Quality Case

High quality case is designed water-proof. So in the rainy or wet situation, user can shut the cover after the connection of ignitor in order to protect the inside system.

Five Modes for Wireless Control:

1. **Single Mode:** 1-18 numerical button control cues respectively. That means when you press any one, the corresponding cue on the receiver will fire.
2. **Sequence Mode:** Button CONT set the sequence mode. Once press this button, the cues on the receiver will fire consecutively in order according to the set time.
3. **Step Mode:** Button STEP set the manual mode. Every press of this button will fire one cue from 1 to 18.
4. **All Mode:** Button ALL set the all mode. Press this button will fire all 18 cues simultaneously.

Note: The above four modes can be work only in 1,2,3 channel.(There is a channel selection switch on the transmitter)

No 4 Channel On Transmitter

1 Only key CONT works in this mode. Namely, sequence mode.

2 The max receiver in one group is 16 piece. That is to say, set the address of each receiver from A01 to A16 use the ADD “→” “↑” buttons. However, you can have many groups according to the real demand.

3 Same time set to all receivers is necessary.

4 The distance between two neighboring receivers can not beyond 100 meters.

- Choose 4 channel , press key CONT will ignite max $288 = 18 * 16$ cues sequentially in the case of only one settled.
- If there are N(N stands for any number) groups settled, $18 * 16 * N$ cues will be ignite. It begins at the first cues of each group the same time and ends at the last (288th) cues also the same time.