

LAUNCH KONTROL PULSE

Firing by Wire

The **Launch Kontrol Pulse** is a simple and practical way to ignite fireworks. It is intended to replace the use of a naked flame and thereby reduce the risk to the user. However, as with any firework product, extreme care should be taken at all times.

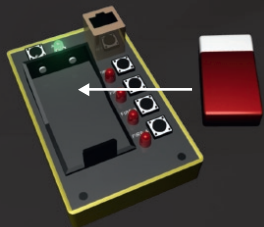


WARNING:

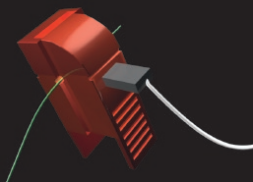
- All fireworks are supplied with instructions which should be followed at all times to ensure the safety of the operator and those around them. This document is not intended as a replacement for those instructions, as it relates only to the operation of the Launch Kontrol Pulse firing unit.
- If using a cable less than the recommended safety distance for a firework, the user should ignite the safety fuse as intended and retire to at least the safe distance as recommended by the safety instructions on each firework.
- Launch Kontrol Pulse clips should be attached as close to the end of the firework safety fuse as possible, in a position similar to that when hand lighting with a naked flame.

INSTRUCTIONS:

1. Insert a 9v alkaline battery into the open compartment on the front of the unit.
2. Connect clip to the firework safety fuse, as close to the end as possible.



3. Insert 1 of the 4 plugs on the flat cable into the top of the clip. Be sure to face the open cavity to the rear of the clip. This will extend the life of the cable.



4. When all clips are attached to fireworks, insert the CAT 5 flat cable into the board.
5. To test connection, press ARM.
6. To fire, press ARM then any FIRE button. Hold the FIRE button until the fuse is lit. Standard safety fuses require a pulse of approx 300 ms.



7. Once a fuse is lit, the user must retire to the safety distance as indicated on each firework.
8. To extend range up to 100 ft (30 m), use any copper based CAT 5 cable. A connector is provided to convert the flat cable to CAT 5.
9. To expand the set up for extra cues, simply insert the supplied 2-core expansion cable into the white sockets on each unit. Fixing holes are provided to fix units to a suitable backing panel.

10. Batteries can be added at intervals for extra firing power. Boards can be fired in any order. Do not use carbon-based batteries.

