

## **BH-4 FIREWORKS WIRELESS FIRING SYSTEM**

### **DISCLAIMER**

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The manufacturer(s), distributor(s) and / or seller(s) accept no responsibility whatsoever for any damage, injury or loss, financial or otherwise, resulting directly or indirectly from the use, misuse, function or malfunction of this device. By purchasing and using this device you understand and accept this disclaimer.

### **SAFETY**

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Safety is the user's responsibility. All pyrotechnic effects and manufacturer safety guidelines should be followed explicitly.

### **DESCRIPTION**

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BH-4 is a 4 cue wireless system for firing certain electrically fired fireworks, pyrotechnic special effects and model rocket motors. The user should consult the pyrotechnic manufacturer's safety guidelines and user instructions to determine whether BH-4 is suitable for use.

BH-4 outputs 6 volts DC on each cue. Tests should be carried out to determine if the intended pyrotechnic effect can function reliably.

BH-4 has a range of approximately 100 metres. This can vary depending on terrain, weather, obstructions and other factors.

### **BATTERIES AND POWER**

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BH-4 consists of 1 x transmitter unit and 1 x receiver unit.

The receiver unit has the option of an internal or external power supply. The internal power supply consists of 4 x AA 1.5 volt batteries and the external supply can be provided by a 6 volt DC power source (not supplied). The external supply does not charge the batteries and should not be used when there are batteries installed in the receiver.

Due to the high current requirement for firing pyrotechnic igniters, good quality fully charged batteries should be used. Failure to do so may result in misfires. Please observe the correct polarity when installing the batteries.

The transmitter unit uses 1 x 23A 12 volt remote control battery. To ensure correct polarity, the negative (-) of the battery should contact the steel spring inside the battery compartment.

### **OPERATION**

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- Ensure that the transmitter and receiver are OFF.
- The pyrotechnic charge or igniter is connected to the receiver by ensuring the bare ends of the lead wires are securely clamped in the desired cues spring terminals.
- The receiver is switched to TEST. Continuity should be indicated in the desired cues by the red LEDs. If it is not, switch the receiver OFF and recheck all connections.
- The receiver antenna is extended and the receiver is switched to FIRE. The user should retreat to a safe distance and ensure that it is safe to fire.
- The transmitter antenna is extended and the transmitter is switched to ON.
- Pressing buttons 1 to 4 on the transmitter will cause corresponding cues 1 to 4 on the receiver to fire.