

The Claymate Clubman



Claymate Clubman Features...

- **Integral Clay Counter with a 'lockout' value to prevent fraudulent 'borrowing'.**
- **Instant or delayed release of Singles, Doubles or Following Pairs from one or two traps.**
- **Guaranteed 2 core compatible.**
- **Long life internal AA batteries (1 year)**
- **AC or DC traps from 12 volts to 48 volts.**
- **Ideal as a Sporting or Skeet controller.**
- **Super flexible cable remains flexible even at low temperatures.**
- **Low cost Station box is all that stays behind when the shooters leave the stand.**

The Claymate Clubman comes supplied with 2 metres of 4 core release cable and a connector. The shooter takes the Claymate to the selected stand and plugs the Clubman in to the local Station Box which is connected directly to the traps.

Installing Claymate Clubman ...

Preparation to receive Clubman Controllers requires the installation of the Station Box, which is connected to the available traps.

The Box should be sited such that the shooter can find the Box easily on entering the stand. Obviously, the Clubman is not as secure electrically as the full blown Claymate range as fraudulent operation of the traps is made easier by placement of a Box with the traps wired to a connector.

A 2 button handset can be supplied that permits simple button release of connected traps. One of these handsets is a useful tool for setup and testing.

The Buttons Explained...

Pressing both A and B buttons together will toggle the solo shooter delay on or off.
A long beep is delay ON and a short beep is delay OFF.

Selected targets follow after an audible countdown of 3 seconds as in... 3,2,1, 'Launch'.

With the Solo Delay OFF...

- | | |
|-------------|---|
| A | Provides a single target from the A (or High House) Trap. |
| B | Provides a single target from the B (or Low House) Trap. |
| Pair | Releases a true pair using both traps. |

Delay features...

With the delay ON, pressing any button will start the countdown to launch.

If a following pair is required, say A as the 'PULL' bird followed by B as the 'REPORT', then the process would be to press A, which starts the countdown delay, and whilst the countdown is running, to press B which restarts the countdown.

At any time during the countdown you can elect to reselect the 'REPORT' bird simply by pressing the required trap button.

The 'PULL' bird will always be the first button pressed prior to starting the countdown.

The 'REPORT' bird is always the last button to be pressed during the countdown.

Pressing PAIR at any time during a countdown will **cancel the launch completely**.

Pressing PAIR after the first target of a following pair will **cancel the following target**.

Battery Replacement...

Batteries should last in excess of 1 year of operation.

Replacement of the two, AA cells requires the unit to be removed from its protective boot.

Removal of the two battery compartment screws will give access to the batteries.

After a while, the water sealing medium will stick rather well to the removable cover.

Slow removal will ensure a clean release of the cover. Jerking the cover away will increase the chances that the seal will leave with the cover rather than stay in the case.

Once the batteries are replaced, the Claymate will start up in a 'locked out' condition and will not release targets issuing 'SOS' in morse code whether connected to traps or not.

Resetting the Claymate using the Reset box is required before the unit will operate as expected.

The Clubman software detects any attempt to remove the batteries in any attempt to get some free targets.

GUARANTEE & POLICY STATEMENT

Claymate Trap Controllers is wholly owned and operated by BLN Technical Services Limited.

BLN guarantees the Claymate product described to be free of manufacturing defects for the purpose of clay trap launcher control for a period of one year from date of purchase.

This guarantee specifically does not cover wear and tear to cables or enclosures, faults caused by wear and tear, misuse, abuse or application of excessive or inappropriate voltages, including lightning strikes.

The owner shall at all times be responsible for the care of the product and shall take steps to ensure that the product is protected from the damaging effects of wind, rain or snow.

BLN reserves the right to change or amend the specification without notice.

Software changes as requested by customers become the copyright of BLN and may be included in future software releases, or may be offered to existing customers as an option or an upgrade.

The software supplied at any time has been thoroughly tested and is believed to be free from bugs or anomalies.

Software upgrades may be chargeable at the discretion of BLN.

Neither Claymate Trap Control Systems, BLN Technical Services Limited or agents of BLN will be responsible for accidents or injury or loss caused by operation of traps or associated equipment under the control of any Claymate System whether the operation of such equipment is desirable or not; is caused by operation of any equipment when it is unsafe to do so, or under any fault condition of any equipment howsoever caused.

Repair policy, and care of the Equipment

Suspected problems can usually be rectified or explained after a few minutes on the telephone. If in doubt... Read the instructions.

The printed board has no user serviceable parts apart from the processor which can be changed to implement a software upgrade or special change.

Do not remove the processor or short processor pins. That path can lead to madness and large repair bills.

If the unit becomes damp or there is evidence of condensation within the box, time by a radiator or an hour standing in the sun will usually return the Claymate to operation. Leave the case open to allow air to circulate.

The unit will stand some light rain but may not like being left out in torrential rain over night.

The sounder element is not waterproof. The grille is to keep insects out and is not a water barrier.

Do not dry the unit out in a microwave oven.

Placing the Claymate in a microwave oven will destroy the unit completely and BLN will not entertain anything other than a complete replacement at your expense.

Batteries should last in excess of 1 year.

In all cases, BLN reserves the right to repair or replace boards at the discretion of BLN.

Replacement parts may be new or 'reworked' at the discretion of BLN.

The design of mechanical or electronic components may change without notice.

Claymate Clubman Technical Specification.

Trap release voltage range.

DC - 12 to 60 volts.

AC - 10 to 40 volts.

Current requirements.

600uA quiescent.

Trap Release Specification.

FET and full wave bridge release circuit.

Maximum allowable trap release voltage, 40 volts AC.

Low impedance switch with burden voltage equivalent to 2 silicon diodes. (1.4 volts)

Built in Trap Cycle Timer.

Timing is factory set in software to 2 ½ seconds

Controlling elements.

Arizona Microchip PIC.

Printed Circuit Boards.

Conformal coating to high specifications.

All Claymate products have been tested and certified to exceed European EMC regulations and specifications including conducted and radiated emissions and susceptibility to external electromagnetic fields.

BLN Technical Services Limited reserve the right to change specifications in the pursuance of product improvement without notice.

Such changes are, however, usually announced on the web site.

If you have any good experiences whilst using the Claymate product, tell your friends.

If you have any bad experiences... Tell me!

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