

TANTON TORNADO

BIRDSCARER MK2

TESTING & OPERATING INSTRUCTIONS

WARNING

PROPANE GAS IS HIGHLY FLAMMABLE.
NEVER TEST OR USE THE BIRDSCARER IN OR NEAR BUILDINGS,
HEDGES, HAYSTACKS, DRY CROPS OR ANYTHING FLAMMABLE.

THE LIGHT SENSOR IS ONLY EFFECTIVELY SENSITIVE TO NATURAL LIGHT, SO ALL TESTING SHOULD BE CARRIED OUT IN UNOBSTRUCTED DAYLIGHT.

1. Assemble and attach the front and rear legs using the fixing kit provided. Install the spark plug (3 mm gap) in the rear of the birdscarer and connect the HT lead.
2. Undo the two over-centre clamps and remove the transparent lid.
3. Turn all three knobs fully anti clockwise to minimum and switch to single position.
4. Connect the crocodile clips to a 12V lead acid battery (no smaller than 7 AH) Red +ve , Black -ve . The red LED will light for approximately 15 seconds and then go out, you will hear the solenoid valve pull in and a crack at the spark plug as the valve closes. **NO GAS AT THIS STAGE.**
5. **DISCONNECT** the battery. Connect the gas, check for and rectify any leaks.
6. Point the barrel away from buildings, people etc. **WEAR EAR DEFENDERS. TURN OFF THE GAS BOTTLE HANDWHEEL.** Connect the battery, the red LED will light for about 15 seconds and then go out, the solenoid valve will pull open and the gas in the hose will flow into the combustion chamber and may ignite with a low thud. Open the gas bottle handwheel and press the red TEST button to fire, adjust the GAS setting a little at a time until a satisfactory bang is achieved, do not set the GAS too high otherwise you will choke the combustion chamber and waste gas.

TIMING.

With the interval knob set at MIN and the switch set to SINGLE, bangs will occur at approximately 5 and 7 minute alternating intervals. The interval knob set to maximum increases this to approximately 7 and 30 minute alternating intervals.

SINGLE/DOUBLE.

With the switch set to DOUBLE, the 7 minute period is reduced to 10 seconds thus causing a double bang.

MORNING DELAY TIMER

This feature allows you to delay the start time from dawn by up to 4 hours. The red LED indicates when a delay is taking place in the morning. Adjust the morning delay knob for the desired delay. The dots around the knobs do not represent precise times but are for reference only.

(The red LED also indicates when the light intensity is too low, i.e. it will come on at dusk and go out at the end of the Morning Delay).

IMPORTANT: The birdscarer has negative earth so be sure to keep the positive battery clip and terminal away from the body of the machine.

NB. The battery housing on the Mk2 Tornado enables the use of the a small lead acid battery available from your Tornado supplier, Part No. EM0031. This battery, when fully charged, will operate the gun for up to 7 days.