

PROGRAMMING

The programming mode is entered by ensuring the gun is unloaded, in the safety in the safe position, pointing the muzzle in a safe direction (down) and pulling the trigger, then switch the safety catch to FIRE. The gun will then beep and flash indicating that the gun is in program mode. If the trigger is kept pulled, the gun will cycle through its programming mode and will beep and flash the appropriate amount of times, indicating the mode it is in.

MCT
RESETTING THE MAGAZINE COUNTER, STAGE 1
1. Enter programming mode and wait for the gun to beep and blink once
2. Release the trigger, the magazine counter is reset and the gun is now ready for firing
TURNING ON AND OFF THE SAFETY LED, STAGE 2
1. Enter programming mode and wait for the gun to beep and blink twice
2. Release the trigger
3. Pull the trigger to toggle between normally off/on, 1 beep and blink for off, 2 beeps and blinks for on
4. Set the safety switch to safe, the safety LED status is programmed
TURNING ON AND OFF THE MAGAZINE COUNTER, STAGE 3
1. Enter programming mode and wait for the gun to beep and blink three times
2. Release the trigger
3. Pull the trigger to toggle between off/on, 1 beep and blink for off, 2 beeps and blinks for on
4. Set the safety switch to safe, the magazine counter status is programmed
LOW PRESSURE WARNING, STAGE 4
1. Enter programming mode and wait for the gun to beep and blink four times
2. Release trigger and the gun is now in low pressure warning mode
3. Do not pull the trigger again to leave low pressure warning off
4. Pull the trigger, first pull enters 50 bar, each subsequent pull adds 10 bar
5. Set the safety switch to safe, the low pressure warning is now set

MVT (with display)
RESETTING THE MAGAZINE COUNTER, STAGE 1
1. Enter programming mode and wait for the gun to beep and blink once Display: RESET MAGAZINE
2. Release the trigger, the magazine counter is reset and the gun is now ready for firing
RESETTING THE SHOT COUNTER, STAGE 2
1. Enter programming mode and wait for the gun to beep and blink twice Display: SET SHOT COUNT
2. Release the trigger
3. The shot counter is now reset and the gun is ready for firing
DISPLAY ACTIVE PRESSURE, STAGE 3
1. Enter programming mode and wait for the gun to beep and blink three times Display: DISPLAY PRESSURE
2. Release the trigger
3. The active pressure will appear top left of the display. The rifle will not fire
4. Set the safety switch to safe to cancel reading
SET VELOCITY, STAGE 4
1. Enter programming mode and wait for the gun to beep and blink four times Display: VELOCITY SETTING
2. Release trigger and the gun is now in programming mode with the velocity setting set to 0 (chronograph switched off)
3. Pull the trigger to scroll up to the required velocity. Range is from 400 fps to the maximum permitted
4. Set the safety switch to safe, the velocity is programmed.
5. The set velocity will appear top right of the display

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FILLING YOUR AIR RIFLE WITH COMPRESSED AIR

- Remove the dust cap from the rifle's charging connector and attach the female snap-on connector onto the inlet valve. Ensure that the outer sleeve is fully forward and that the connection is secure.
- Check that the bleed screw on the charging unit is closed and slowly open the feed valve on the air bottle. Compressed air will now fill the reservoir.
- Fill to the **charging pressure** engraved on the top of the barrel (typically 170 – 230 bar). Close the feed valve. Allow a few minutes for the pressure to 'settle' and then top up if required.
- Sharply open the bleed valve on the charging unit and bleed off the air from the filler hose.
- Remove the snap-on connector and replace the dust cap.



LOADING YOUR RIFLE – SINGLE SHOT

REMEMBER TO KEEP THE MUZZLE OF THE AIR RIFLE POINTING IN A SAFE DIRECTION AT ALL TIMES.

- Apply the safety catch*.
- Check that the pellet is not damaged and push the pellet directly in to the barrel.
- Push the cocking handle forward and make sure that the handle is down.

THE AIR RIFLE IS NOW LOADED

Disengage the safety catch and the rifle will now fire.

* Electronic models.

With the safety catch pushed up into the 'Fire' mode, a red light will illuminate. The rifle can be 'dry' fired (no pellet in the breech) without any mechanical damage occurring.

TO PREVENT DAMAGE TO THE RIFLING, ONLY USE SOFT METAL PELLETS



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RECOMMENDED MAINTENANCE

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Regular maintenance will ensure longer trouble free life. To enable your rifle to perform correctly we recommend the rifle be returned to the factory or your Daystate approved servicing agent for routine maintenance every three years.

RESERVOIR

The steel under-barrel pressure chamber is treated with a maintenance free weatherproof finish which will last for many years. Should damage occur i.e. denting, rusting, exposure to extremes of either heat or cold or any other blemish, it is advisable to return the gun for an inspection. Every 10 years the rifle should be returned to the factory or their approved agents, to be inspected and the air reservoir pressure tested to confirm its safety.

HAND PUMPS

This type of charger offers an inexpensive and convenient method of charging your rifle. They do not contain the sophisticated water extraction and dirt removal filters found in breathing quality air compressors. If you regularly use this type of charger, care should be taken to avoid condensation build-up from inside the pump being transferred to the rifle. The pump should not be used in sandy or dusty conditions. Always refer to the pump manufacturers operating instructions.

WALNUT STOCK

Walnut stocks have an oiled finish; the stock can be periodically wiped over with suitable stock oil. If it becomes damaged it is not necessary to strip the entire stock. Simply sand or wire wool the damaged area and reseat with appropriate oil such as a proprietary stock oil or boiled Linseed oil.

SYNTHETIC STOCK

Synthetic stocks have a tough two pack painted finish over a reinforced plastic stock. Damage to the finish can be repaired using satin finish paint or a permanent marker pen.

ACTION

Daystate recommend that synthetic based oil is applied to a cloth be used to wipe over the entire outside of the gun, making sure that the entire area is covered with an even amount to protect the metal parts.

LUBRICATION

The bolt shaft should be lubricated with a small amount of light grease. Do not allow any grease to get onto the pellet channel where it could enter the barrel. DO NOT OIL OR GREASE any of the internal parts such as the striker or hammer, the inlet valve system or the snap-on connector (filler valve). Doing this could cause problems with consistency & unit sealing.

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LOADING THE DAYSTATE 10 SHOT MAGAZINE.

REMEMBER TO KEEP THE MUZZLE OF THE AIR RIFLE POINTING IN A SAFE DIRECTION AT ALL TIMES.

- Apply the safety catch.
- Lift the cocking handle at the rear of the breech block and pull all the way back until fully cocked. Move bolt forward until a click is felt then remove the magazine from the left side. Note that the magazine can be adapted to fit from the right or both sides by moving the magazine stop pin.
- The magazine can now be loaded. Load one pellet into the **LARGE** bottom hole **ensuring that the pellet head passes the seating o-ring**. Rotate anti clockwise to load each subsequent pellets one click at a time up to a maximum of ten pellets.



- Replace the magazine back into the breech block and return the bolt forward to the closed and locked position.

THE AIR RIFLE IS NOW LOADED

Disengage the safety catch and the rifle will now fire.

*CDT (electronic) models.

With the safety catch pushed up into the 'Fire' mode, a red light will illuminate.

- To fire the next shot rotate the breech bolt by 45° upwards and pull fully back. The last movement of the bolt is against a spring, which will rotate the magazine. Return the bolt forwards to the locked position to chamber a pellet into the barrel.
- When the last shot is chambered a red dot is displayed on the left side (right side on left handed rifles) of the magazine. It is possible to remove any 'top up' the magazine should shooting time allow.



BATTERY & CHARGING

Before charging, the safety switch should be in the safe position. When the power adaptor is plugged in the gun's LED light will flash every second to indicate charging. The light will continue to blink once as long as the batteries are on charge. As batteries lose a little power whilst in storage, we advise that the rifle be fully charged before its first use and then recharged every month or two, even if the rifle has not been used. When the battery is low in power the rifle automatically places itself in Single Shot Mode & the Safety Catch needs to be applied between shots.

AUTO-SAFE FEATURE

If the safety catch is left in the FIRE position for over 15 minutes without the rifle being fired, the rifle automatically switches off.

Key operated isolating switch



PELLET RECOMMENDATIONS.

Daystate 10 shot magazines have been engineered for round-nosed pellets and may miss-align or even jam if used with other shapes. In the UK, unlicensed rifles must not be capable of producing power, with any projectile above the legal limit of 12 foot/pounds energy. The rifle has been set at the factory with sufficient safety margin to ensure compliance with all currently available pellets.

UK Test Pellets

Merlyn, Huntsman, Air Ranger: Bisley Magnum.
Mk4, Air Wolf: Daystate FT

Recommended pellet types

12 FT/LBS (UK unlicensed)

Daystate FT, Daystate Flatline, JSB Exact, Air Arms Field, Bisley Magnum, H&N Barracuda, Beeman Kodiak, RWS Superdome.

UP TO 30 FT/LBS

Bisley Magnum, Beeman Kodiak, Daystate FT, Daystate Flatline, JSB Exact, Air Arms Field, RWS Superdome.

UP TO 40 FT/LBS

Bisley Magnum, Beeman Kodiak, H&N Barracuda.

UP TO 60 FT/LBS

Daystate Rangemaster FAC, Bisley Magnum, H&N Barracuda, Beeman Kodiak.

UP TO 85 FT/LBS

5.6mm: Daystate Magnum, Eley Magnum. 6.35mm: Daystate Rangemaster Twentyfive, H&N Barracuda.

SAFETY

- Never point your airgun at anyone or anything other than a legitimate target.
- Always check that your airgun is not loaded when you first pick it up.
- Always treat your airgun as if it was loaded, even if you know it's not.
- Never shoot on land where you do not have permission to shoot.
- Always use a safe, large backstop to catch your pellets – and pay due attention to what's behind it, should you miss.
- Never leave your airgun unattended.
- Always store your airgun and pellets separately and securely so that no unauthorised person can use them.
- Know and abide by the laws relating to airguns.

GENERAL INFORMATION

Congratulations on choosing a Daystate air rifle. Your rifle has been hand assembled using the finest materials available, from parts precision made using CNC engineering technology. This rifle is the culmination of Daystate's involvement with pre-charged air rifles and uses knowledge gained from manufacturing this type of air rifle for over 30 years, making your Daystate one of the most accurate and reliable rifles available today.

MCT
POWER ADJUSTMENT, STAGE 5
1. Enter programming mode and wait for the gun to beep and blink five times
2. Release the trigger
3. The gun is now in programming mode with power set to maximum
4. Each time the trigger is pulled a beep and blink will indicate that the power has been reduced by one step – there are 16 adjustment steps
5. Set the safety switch to safe, the power level is programmed
SINGLE SHOT SETTING, STAGE 6
1. Enter programming mode and wait for the gun to beep and blink six times
2. Release the trigger, the gun is now in single shot mode
3. Pull the trigger to toggle between single shot reminder mode off/on, 1 beep and blink for off, 2 beeps and blinks for on
NOTE: When set to on, the safety catch needs to be reappplied after each shot. The rifle will beep & click as a reminder.
RESETTING THE GUN TO DEFAULTS, STAGE 7
1. Enter programming mode and wait for the gun to beep and blink seven times, release the trigger
2. Pull the trigger – a single long beep will be heard
3. Re-apply the safety to the safe position. The gun is now returned to default settings: magazine counter off, LED on, low pressure warning off, maximum power, and single shot setting off

MVT (with display)
TURNING ON AND OFF THE SAFETY LED, STAGE 5
1. Enter programming mode and wait for the gun to beep and blink five times Display: SET LED ON/OFF
2. Release the trigger
3. Pull the trigger to toggle between normally off/on, 1 beep and blink for off, 2 beeps and blinks for on
4. Set the safety switch to safe, the safety LED status is programmed
TURNING ON AND OFF THE MAGAZINE COUNTER, STAGE 6
1. Enter programming mode and wait for the gun to beep and blink six times Display: SET MAG COUNT, ON/OFF
2. Release the trigger
3. Pull the trigger to toggle between off/on, 1 beep and blink for off, 2 beeps and blinks for on
4. Set the safety switch to safe, the magazine counter status is programmed
SINGLE SHOT SETTING, STAGE 7
1. Enter programming mode and wait for the gun to beep and blink seven times Display: S. SHCT ON/OFF
2. Release the trigger, the gun is now in single shot mode
3. Pull the trigger to toggle between single shot reminder mode off/on, 1 beep and blink for off, 2 beeps and blinks for on
NOTE: When set to on, the safety catch needs to be reappplied after each shot. The rifle will beep & click as a reminder.
RESETTING THE GUN TO DEFAULTS, STAGE 8
1. Enter programming mode and wait for the gun to beep and blink eight times, release the trigger Display: RESET DEFAULTS
2. Pull the trigger – a single long beep will be heard
3. Re-apply the safety to the safe position. The gun is now returned to default settings: magazine and shot counter off, maximum power, LED on, magazine count off and single shot setting off





TRIGGER ADJUSTMENT

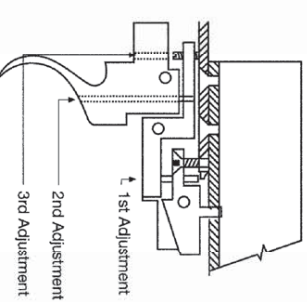
TWO-STAGE TRIGGER – Allen Key Size: 1.5 mm

Note: It is advisable to remove the rifle's action from the stock to adjust the trigger.

1ST ADJUSTMENT: Adjusts the second stage weight setting. Remove the locking screw. To increase the weight, turn the screw anti-clockwise, and clockwise to lighten the weight. IMPORTANT: Do not adjust this screw too far clockwise as the gun will not cock.

2ND ADJUSTMENT: Enables you to set the angle that the trigger blade sits in the trigger block (factory setting is approximately 50°). If this is adjusted then the 3rd adjustment will have to be altered.

3RD ADJUSTMENT: This screw will adjust the first stage travel. Turning it anti-clockwise will increase the travel and clockwise will decrease the travel



ELECTRONIC TRIGGER UNIT – Allen Key Size: 1.5 mm

Note: It is not necessary to remove the rifle's action from the stock to adjust the trigger.

Ensure that the safety switch is in the "safe" position and that the rifle is unloaded.

Screw A: 2nd Stage Contact Screw
– Factory Set

Screw B: 2nd Stage Weight Screw
– Adjust clockwise to Make heavier

Screw C: 1st stage Weight Screw
– Adjust clockwise to Make heavier

Screw D: 1st Stage Travel Screw
– Adjust clockwise to Decrease trigger travel

