

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [AYR](#) /

> [AYR V\\_LOCK Smart Security Lock User Manual](#)

## AYR AYR V\_LOCK

# AYR V\_LOCK Smart Security Lock User Manual

Model: AYR V\_LOCK

## 1. PRODUCT OVERVIEW

---

The AYR V\_LOCK is an advanced smart security lock designed for light commercial vehicles, caravans, and motorhomes. It utilizes ultra-secure NFC-UF technology for keyless operation, replacing traditional mechanical key cylinders. This system is engineered for enhanced security, efficiency, and ergonomic use.

Key features include a robust mechanical and electronic design, an automatic programmed closing system (AUTOLOCK), and versatile adaptability to various vehicle types and door configurations.



Image 1.1: The AYR V\_LOCK smart security lock unit.

## 2. COMPONENTS INCLUDED

---

The AYR V\_LOCK package contains the following components:

- **Mounting Hardware:** 6 M6 threaded studs, 6 washers, 6 growlers, 6 M6 nuts.
- **Exterior Unit Components:** 1 outer shell, 1 lockable bridge, 1 silicone seal, 2 shims, 1 stencil.
- **Interior Unit Components:** 1 battery cover, 1 battery, 1 interior unit, 1 pairing tool, cable ties, 1 charging cable.
- **Access Keys:** 1 Master card, 1 NFC bracelet, 1 NFC keychain.



Image 2.1: All components included in the AYR V\_LOCK package.



Image 2.2: The NFC bracelet for keyless access.



Image 2.3: The NFC keychain for keyless access.

### 3. SETUP AND INSTALLATION

---

The AYR V\_LOCK is designed for straightforward installation on light commercial vehicles and motorhomes. It can be adapted to various door types, including rear and side doors.

#### 3.1 Installation Steps (General Guidelines)

1. **Prepare the Mounting Surface:** Use the provided stencil to mark the drilling points on the vehicle door. Ensure the surface is clean and free of obstructions.
2. **Mount the Exterior Unit:** Secure the outer shell and lockable bridge to the marked positions using the M6 threaded studs, washers, growers, and nuts. Apply the silicone seal for weather protection. Use shims if necessary to ensure proper alignment.
3. **Install the Interior Unit:** Attach the interior unit to the inside of the door, aligning it with the exterior unit. Connect any necessary wiring (if applicable, though this is a keyless system, internal power connection might be needed).
4. **Insert Battery:** Open the battery cover on the interior unit and insert the included Lithium-polymer battery.
5. **Pair Access Devices:** Use the pairing tool to link the NFC bracelet, NFC keychain, and Master card with the lock. Follow the specific pairing instructions provided in the detailed installation guide (not included in this general overview).
6. **Test Operation:** Verify that the lock opens and closes correctly using the NFC devices and that the AUTOLOCK feature functions as expected.



Image 3.1: Visual representation of AYR V\_LOCK features, including easy installation.

## 4. OPERATING INSTRUCTIONS

---

The AYR V\_LOCK offers a seamless and efficient way to secure your vehicle.

### 4.1 Keyless Opening with NFC

To unlock the AYR V\_LOCK, simply bring your paired NFC bracelet or NFC keychain close to the designated sensor area on the lock's exterior unit. The lock will disengage, allowing you to open the vehicle door. This process is designed to be quick and ergonomic, keeping your hands free for other tasks.

# Más rápida

SISTEMA DE CIERRE PROGRAMADO

## AUTOLOCK

EMPLEA MENOS DE

## UN 50% DE TIEMPO

para realizar el ciclo de apertura y cierre



### Cierre programado

V\_LOCK, la cerradura inteligente para vehículos, detecta el cierre de la puerta del vehículo y realiza un cierre total de forma automática en el tiempo configurado por el administrador. Con ello se libera al operario del trabajo de activar manualmente el cierre con su llave.



Image 4.1: Demonstrating the use of the NFC bracelet for quick access.

# Más ergonómica



### Evita incidencias por golpes o caídas de la mercancía

Al abrir con la llave pulsera y activar el cierre automático, el operario podrá tener las manos libres para centrarse en su trabajo y manipular mejor los paquetes o herramientas, de forma que trabajará con más fluidez, comodidad y ergonomía. En las cerraduras mecánicas es frecuente que las llaves tengan problemas de manipulación y accionamiento.

¡Esto nunca ocurre con V-LOCK!

¿Qué IMPLICA?

1. Reducción del estrés y la fatiga del operario.
2. Aumento de la eficiencia en el trabajo del operario.
3. Ahorro de costes en recursos humanos.



¡Tus manos están libres, céntrate en tu trabajo!



Contacta con nosotros a través de WhatsApp:

**661 708 342**



Llámanos y estaremos encantados de atenderte:

**96 655 42 49**

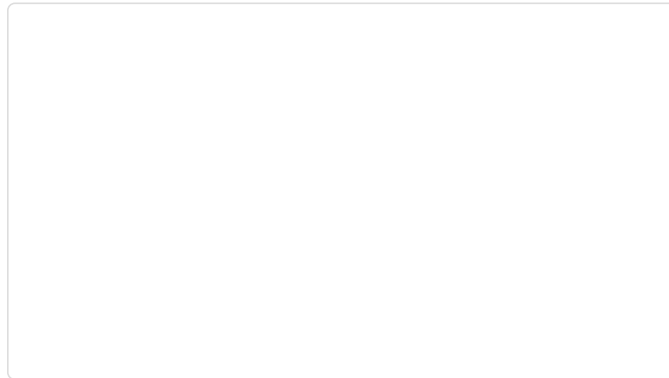
Image 4.2: Ergonomic operation allowing hands-free access.

## 4.2 AUTOLOCK Programmed Closing System

The AYR V\_LOCK features an intelligent AUTOLOCK system. Once the vehicle door is closed, the lock automatically engages after a pre-configured time. This eliminates the need for manual locking, significantly saving time and increasing operational efficiency. The automatic locking feature ensures your vehicle is secured without additional user intervention.

## 4.3 Master Card Functionality

The Master card is used for managing and pairing new NFC access devices (bracelets, keychains) with the lock. Keep this card in a secure location.



Video 4.1: Official product video demonstrating the AYR V\_LOCK in use. This video illustrates the keyless opening and automatic locking features, highlighting the speed and convenience of the system for commercial vehicle operations.

## 5. MAINTENANCE

---

Proper maintenance ensures the longevity and reliable operation of your AYR V\_LOCK.

### 5.1 Battery Management

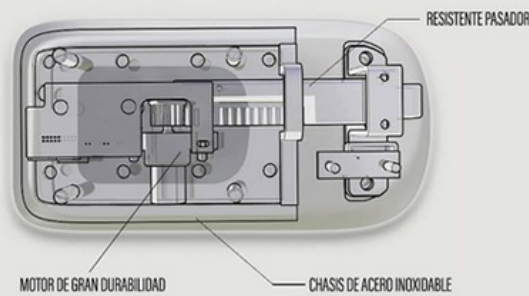
The AYR V\_LOCK is powered by a rechargeable Lithium-polymer battery, designed for extended use (approximately 8 months per charge under normal conditions). The charging time for the battery is typically 3-4 hours.

- **Low Battery Warning:** The system provides audible and visual warnings when the battery charge reaches 20%. This allows sufficient time to recharge or replace the battery.
- **Critical Battery Level:** When the battery level drops to 10%, the device will no longer automatically close, but it will still allow opening. This ensures you are not locked out of your vehicle due to a completely depleted battery.
- **Charging:** Each unit includes a USB-C cable for charging the battery. You can charge the battery using the vehicle's 12V socket or a standard 1.5A charger (charger not included).

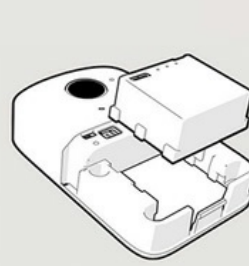
# Más segura

Mecánica y electrónica muy robusta

Gran eficiencia energética



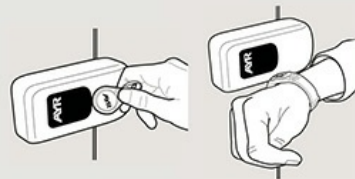
¡Prácticamente indestructible!



¡Varios meses de uso!

Batería recargable certificada por SGS y testada en laboratorio y en test reales de uso intensivo. El tiempo de carga de la batería es de 3-4 horas. El sistema emite avisos sonoros y luminosos con tiempo suficiente para sustituir la batería cuando la carga esté al 20% y el dispositivo no se cerrará una vez el nivel de carga alcance el 10% pero sí podrá abrir. Cada equipo incluye un cable USB-C para cargar la batería en el enchufe 12V del vehículo o utilizando un cargador estándar de 1,5A (no incluido).

Tecnología NFC-UF



V\_LOCK sustituye el cilindro y la llave mecánica tradicional por la tecnología NFC-UF

Image 5.1: Internal view of the AYR V\_LOCK showing battery compartment and robust design.

## 5.2 Cleaning and Care

The AYR V\_LOCK is constructed from stainless steel and features anti-corrosion properties. Clean the exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

## 6. TROUBLESHOOTING

If you encounter issues with your AYR V\_LOCK, refer to the following common troubleshooting steps:

### • Lock Not Responding to NFC:

- Ensure your NFC device (bracelet/keychain) is properly paired with the lock. Refer to the pairing instructions in your detailed manual.
- Check the battery level of the lock. If the battery is low (20% warning or 10% critical), recharge it.
- Ensure the NFC device is held directly over the sensor area on the lock.

### • Automatic Locking (AUTOLOCK) Not Engaging:

- Verify that the vehicle door is fully closed and latched.
- Check the battery level. The AUTOLOCK feature is disabled when the battery reaches 10% charge.
- Ensure no obstructions are preventing the lock mechanism from engaging.

### • Lock Opens or Closes Unexpectedly:

- This could indicate a low battery. Recharge the battery fully.
- Ensure the lock is securely mounted and no external forces are interfering with its mechanism.
- If the issue persists, contact customer support.

### • Inability to Lock from Inside (for Motorhomes/Caravans):

- The AYR V\_LOCK is primarily designed for external security and automatic locking upon door closure. It does not

feature a manual internal locking mechanism for situations like sleeping inside the vehicle. Consider additional internal security measures if this functionality is required.

For persistent issues or problems not covered here, please refer to the support contact information.

## 7. SPECIFICATIONS

---

<b>Manufacturer</b>	AYR
<b>Model Number</b>	AYR V_LOCK (Reference: 692)
<b>Dimensions (L x W x H)</b>	15.17 x 3.27 x 7.67 cm (5.97 x 1.29 x 3.02 inches)
<b>Weight</b>	1.6 Kilograms (3.53 lbs)
<b>Material</b>	Stainless Steel
<b>Color</b>	Stainless Steel
<b>Battery Type</b>	1 Lithium-polymer (included)
<b>Special Features</b>	Anti-bump, Anti-drill, Anti-corrosion, Keyless Unlock (NFC), Automatic Locking
<b>Lock Type</b>	Deadbolt, Electronic Surface-mounted Lock
<b>Country of Origin</b>	Spain

## 8. SUPPORT AND CONTACT

---

For further assistance, technical support, or inquiries, please contact AYR customer service:

- **WhatsApp:** [+34 661 708 342](https://wa.me/34661708342)
- **Phone:** [+34 966 554 249](tel:+34966554249)

Please note that information regarding spare parts availability is currently not provided.