Blinder

HP 905 ULTRA LASER JAMMER SYSTEM

Instructions for use

More information: www.blinder.dk

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Welcome to
Blinder HP 905 Ultra

Thank you for choosing the Blinder System – the world's most advanced and intuitive laser defense technology. At Blinder, we have spent decades perfecting precision, reliability, and ease of use. Your system combines cutting-edge performance with a seamless user experience.

This guide will help you install, connect, and configure your Blinder System step by step. Within minutes, you will be ready to enjoy confident driving with world-class protection. We recommend reading through this guide once before your first installation.

Enjoy your new Blinder experience – and drive safely.

Your Blinder Team

Hardware Installation Guide

Control Module

The Control Module is the intelligent interface where transceivers and transmitters are connected. It connects to the Bluetooth Module, which supplies power to the entire system.

Bluetooth Module

Connect the Bluetooth Module directly to the vehicle battery terminals (+ and -). Thanks to the built-in motion sensor (accelerometer), there is no need to locate an ignition-switched power source (ACC) in the fuse box. The Bluetooth Module powers the entire system and automatically enters sleep mode when the vehicle is parked, waking up instantly when motion or engine vibration is detected.

Transceivers (Detector & Jammer Units)

Transceivers connect to Control Module ports 1 through 4. They cannot be connected to ports 5 or 6 due to connector differences.

Transmitters (High-Power Jammer Units)

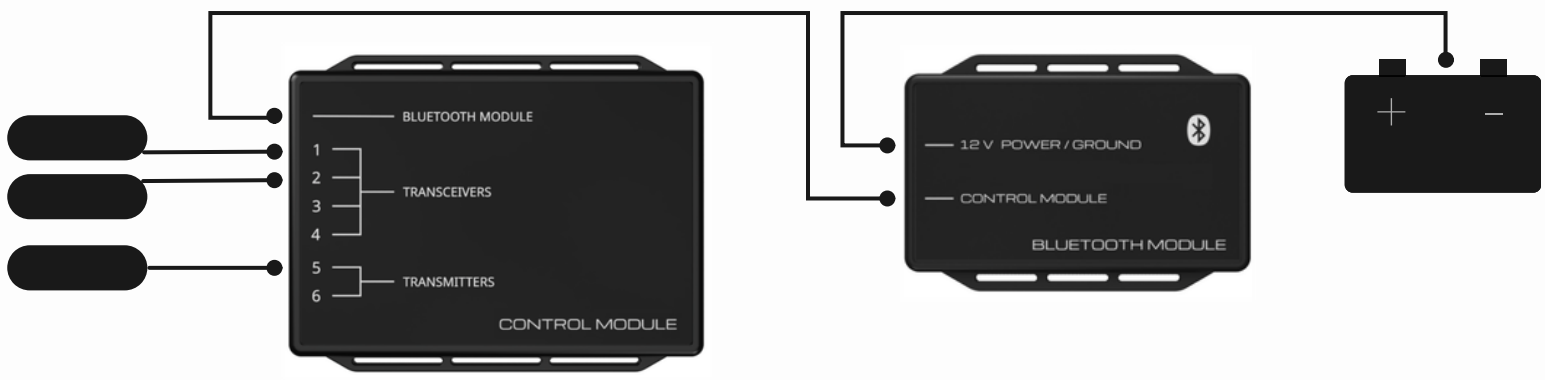
Transmitters connect to Control Module ports 5 or 6. To ensure protection against DragonEye laser guns, you must always connect at least 1 transmitter and 2 transceivers.

Mounting Instructions for Transceivers and Transmitters

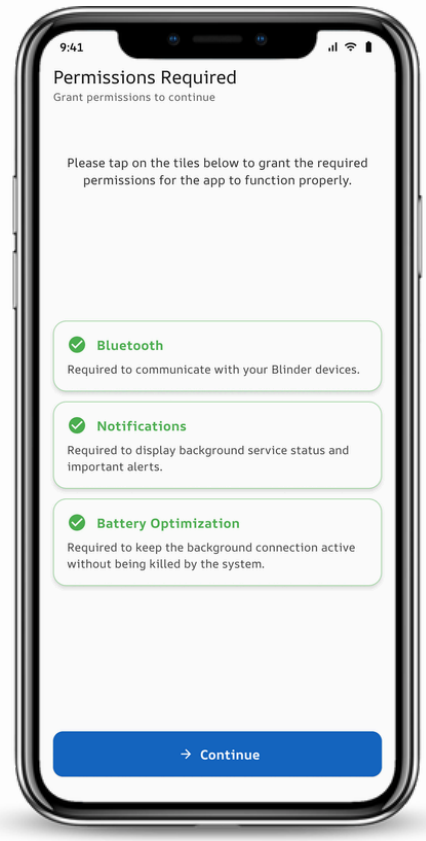
All transceivers and transmitters must have an unobstructed view of the road and must not be mounted deep within the vehicle bodywork. Mount them pointing straight ahead, completely level with the horizontal plane and parallel to the road surface in the direction of travel. Use a spirit leveler to verify that the mounting angle is completely straight and parallel to the road.

Vehicle Specific Installations

For more information on installation on different vehicle sizes and models, please refer to www.blinder.dk.



Starting Up The App Without a Cabin Unit

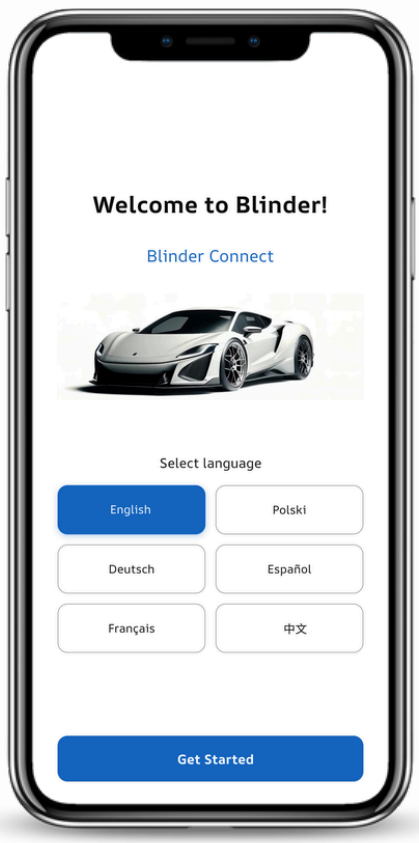


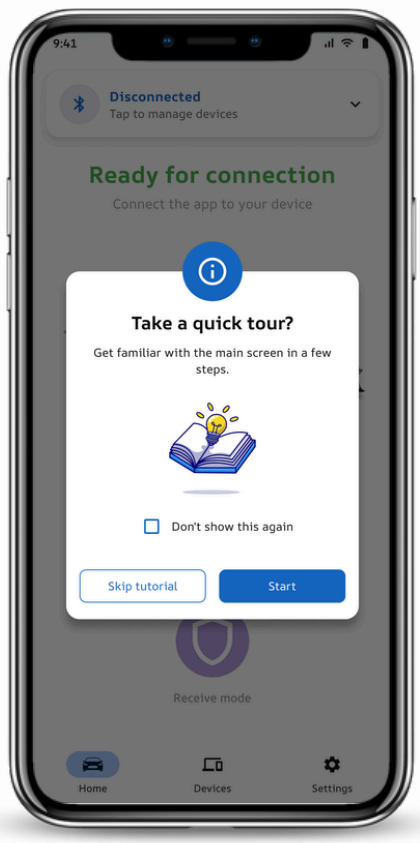
General Information

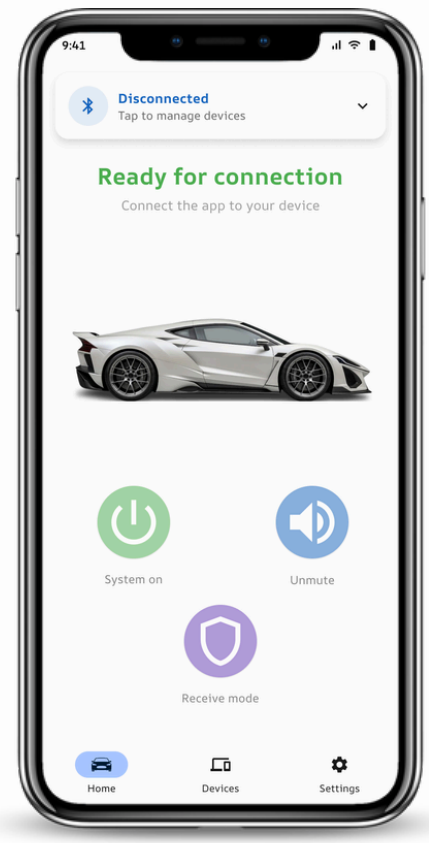
1. Download the **Blinder Connect** app from the **Apple App Store** or **Google Play Store**.
2. When starting the app for the first time, allow the following permissions:
   - **Bluetooth**
   - **Notifications**
   - **Battery Optimization**

First-Time Setup

1. Choose your app language. Push "*Get Started*".
2. The system will show you a short guide on how to use the App. It is recommended that you go through this the first time.
3. After the tutorial, you will see the start-up screen. You now need to connect your App with your Blinder system installed in your car.

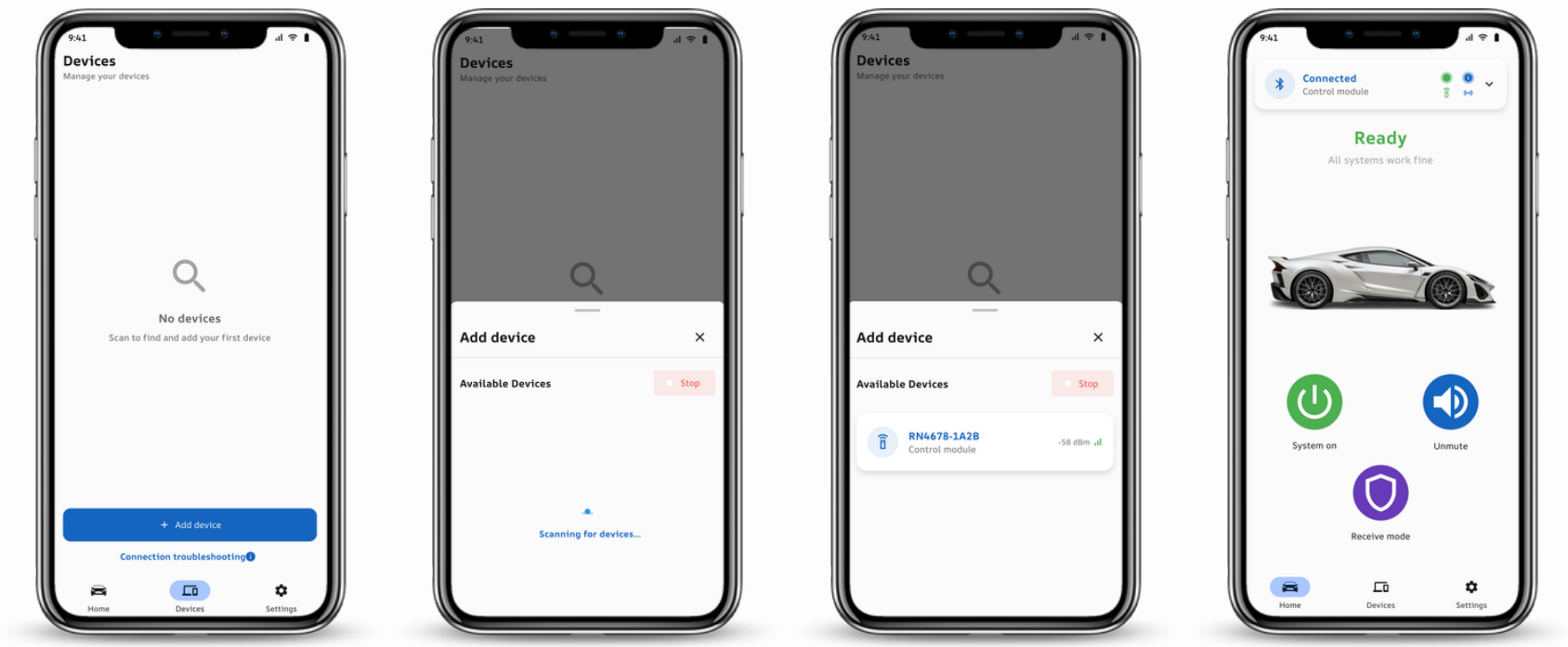






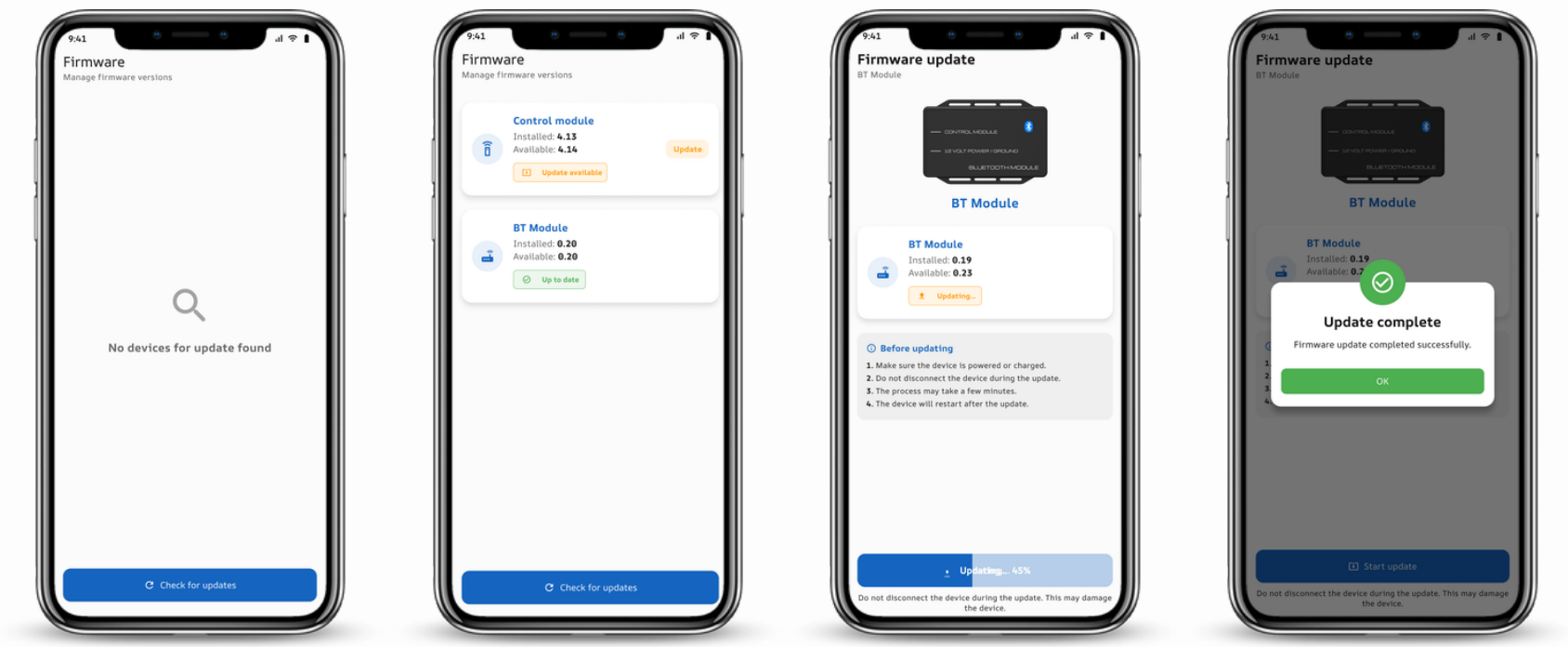
Connecting to the Blinder System

1. Choose *"Devices"* in the bottom navigation bar to open the scan menu.
2. Push *"Add device"*. The app will now start to look for available Blinder systems.
3. When the Control Module is shown, choose *"Connect"*. The pairing PIN code is **123456**.

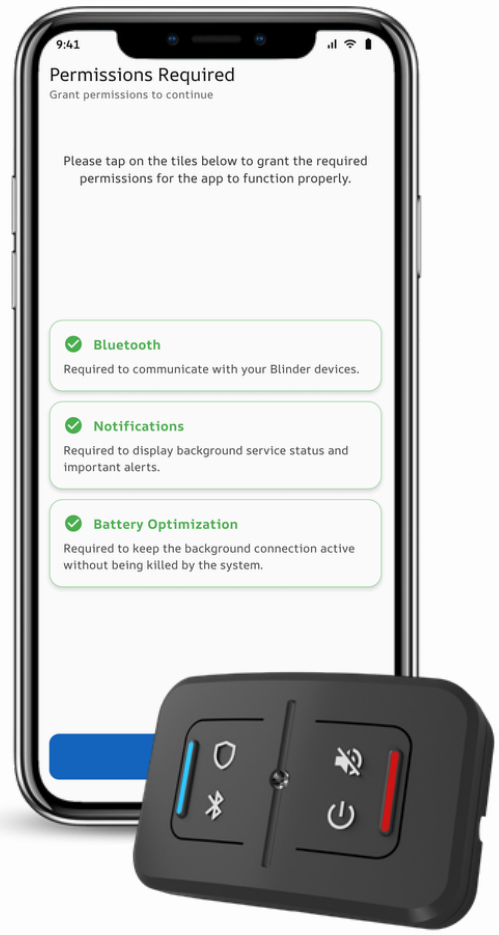


Firmware Update

1. When connected, the system will check the server for new firmware versions. If a new firmware is detected, it will ask to download and install it. (Always allow the system to do this).
2. The download and installation take 2 to 3 minutes. When done, the system will show *"Update complete"*. You are now ready to go into the settings menu of your Blinder system.



Starting Up The App With a Cabin Unit



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2. When starting the app for the first time, allow the following permissions:
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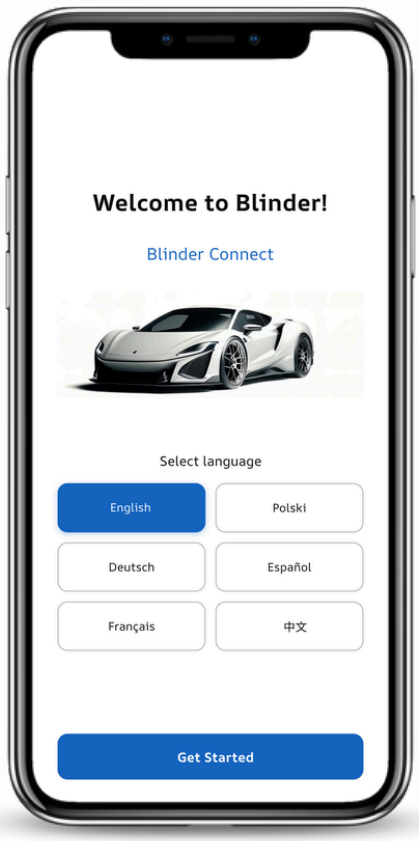
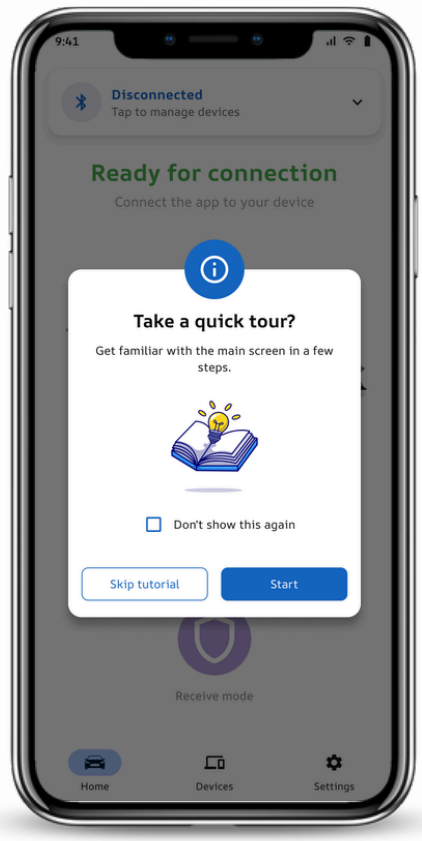
   - **Notifications**
   - **Battery Optimization**

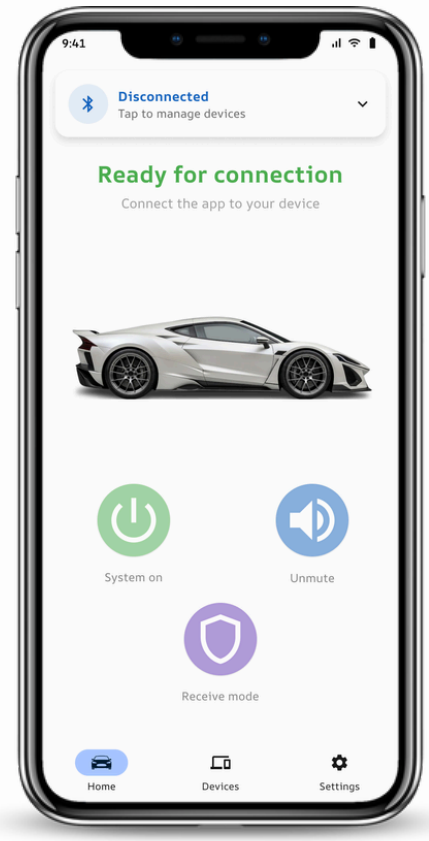
If you purchased a Cabin Unit with your system, you do not connect your phone directly to the Control Module. Instead, you connect your phone to the Cabin Unit, and the Cabin Unit connects to the Control Module.

First-Time Setup

1. Choose your app language. Push “*Get Started*”.
2. The system will show you a short guide on how to use the App.
3. After the tutorial, you will see the start-up screen. You now need to connect with the Cabin Unit.

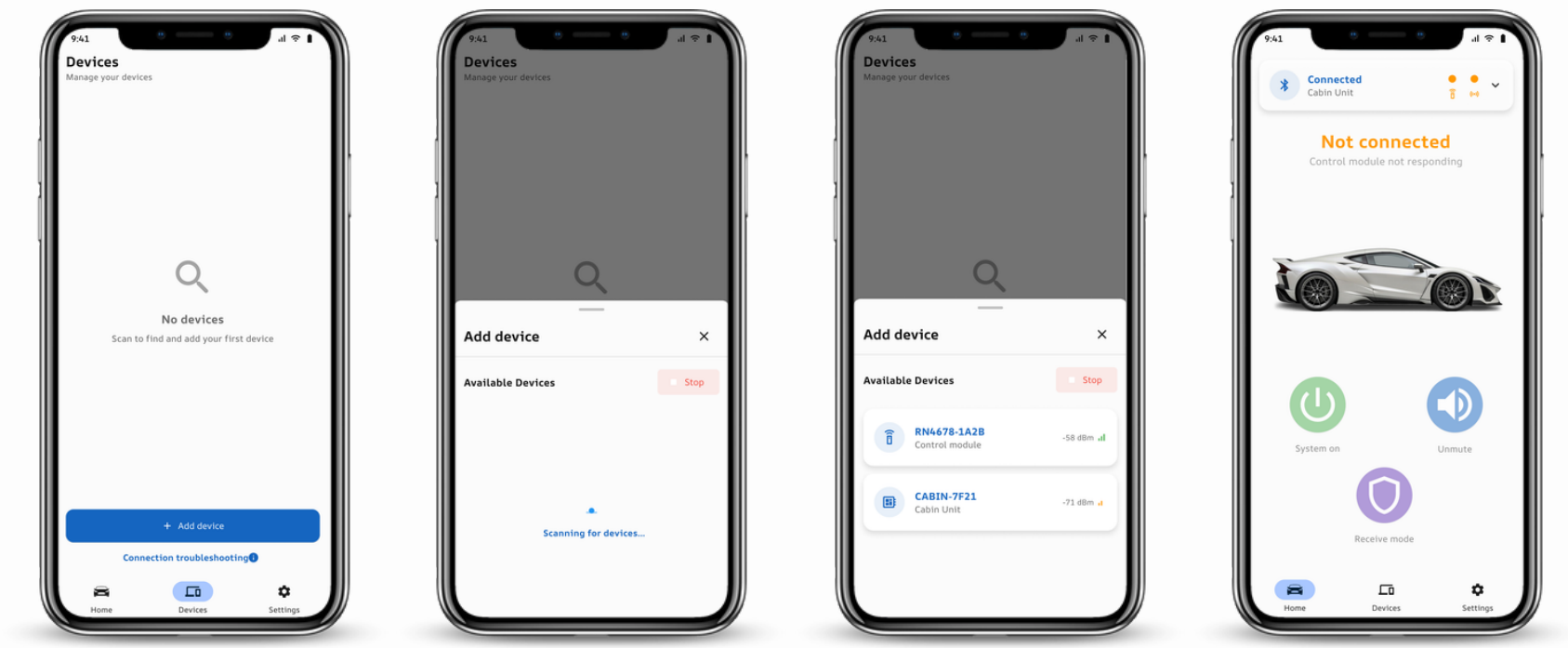






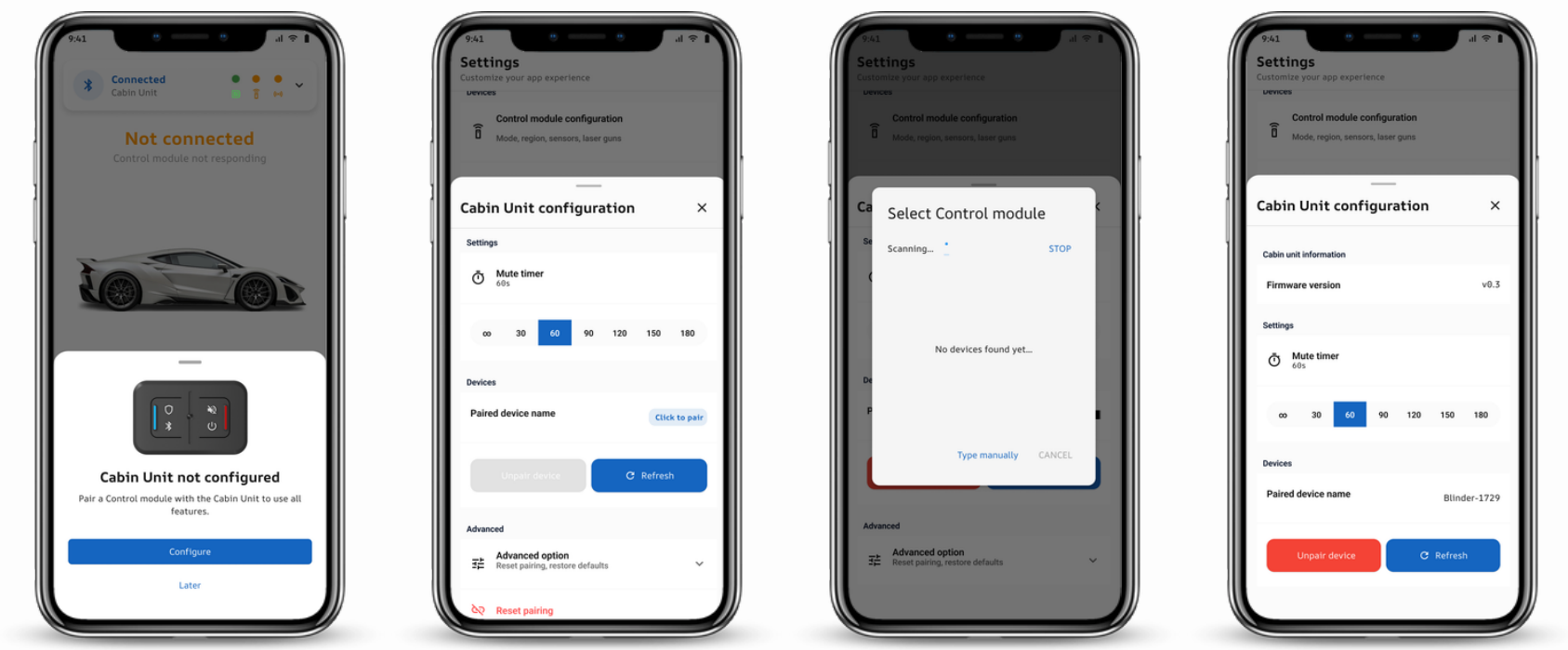
Connecting to the Cabin Unit

1. Choose “*Devices*” in the bottom navigation bar to open the scan menu.
2. Push “*Add device*”. The app will now start to look for available Blinder devices.
3. When the Cabin Unit is shown, choose “*Connect*”. The pairing PIN code is **123456**.



Connecting to the Blinder System

1. You now need to configure the Cabin Unit by linking it to the Control Module. Tap “*Configure*” in the pop-up at the bottom of the screen.
2. Push “*Click to pair*”. The app will now start to look for available Blinder devices.
3. When the Control Module is found, select it. The pairing PIN code is 123456



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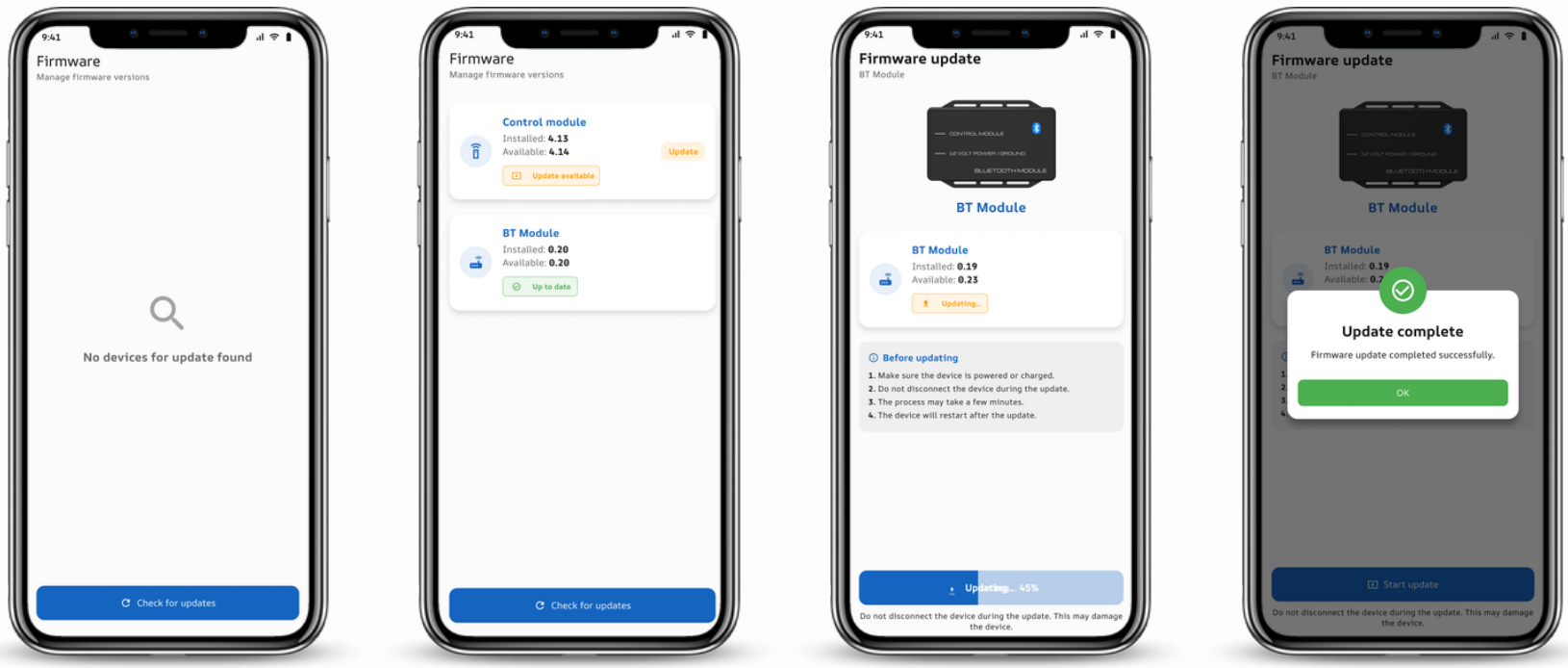


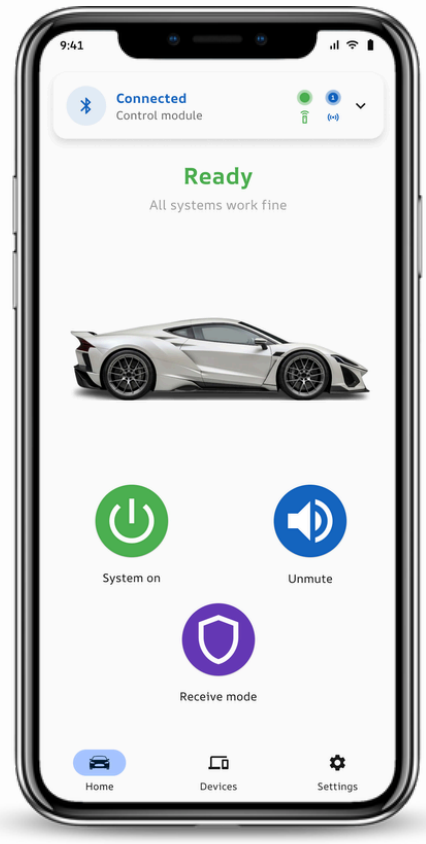
Using the Cabin Unit Physically

From the Cabin Unit, you will be able to operate the main functions directly without using your mobile phone. The 2 buttons on the Cabin Unit have 2 functions each, controlled by a "***short press***" or a "***long press***" (1.5 seconds):

- **Left Button:** Short press switches between *Defense mode* (full jamming) and *Receiver mode* (detection only). Long press unpairs your phone while saving your setup.
- **Right Button:** Short press ***mutes*** or ***unmutes*** the alert. Long press acts as a ***kill switch*** to shut down the system immediately.
- Holding both buttons together for 1.5 seconds performs a ***factory reset***.

The LED in the Cabin Unit shows your status at a glance: the light is constant blue when in *Defense mode*, and purple when in *Receiver mode*. When a laser alert is triggered, the LED flashes rapidly. If you mute the system, the light changes to a pulsing light. A white light indicates initial pairing or phone connection.

App Controls & Device Settings



Top Navigation Bar

Once connected, the main screen displays system connectivity and sensor (transceiver) status on the top navigation bar:

- **Control Module Status:** Green dot indicates the system is ready and working normally; Orange dot indicates disconnecting or an error.
- **Sensor Indicator:** Displays the number of connected sensors and their status (blue indicates sensors connected and working normally, orange indicates disconnected or faulty sensors).

Quick Action Buttons

- **System On / System Off:** Instantly disables active jamming.
- **Mute / Unmute:** Silences the audio alert.
- **Defense / Receive Mode:** Toggles between active jamming (Defense) and detection-only (Receive).

Main Settings

Access the *"Settings"* menu by tapping the cogwheel icon in the bottom navigation bar.

- **App / Audio language:** Choose your preferred language.
- **Dark / Light mode:** Switch between light and dark theme.
- **Show speed:** Use GPS to display current speed on the home screen in km/h, mph, or m/s.
- **Display voltage:** Toggle to show live battery voltage on the home screen status bar.
- **Auto reconnect:** Reconnect automatically after connection loss.
- **Sensors status:** Monitor the real-time status of connected sensors.
- **Sounds:** Adjust volume and system sound options.
- **Alerts and vibrations:** Manage alert notifications and vibration settings.

Device Settings

Device configuration tiles are only visible when your system is connected. When disconnected, device-specific options are hidden automatically.

- **Control module configuration:** Adjust system mode, region, sensors, and active laser guns.
- **Sensors status:** Monitor the real-time status of connected sensors.
- **BT Module configuration:** Manage device status, connected devices, sleep timer, and accelerometer sensitivity.
- **Firmware update:** Check for and install available software updates.

Note: Blinder International do not recommend speeding or reckless driving in any form or matter, and we as a company can never be held accountable for customers using our product being fined for speeding or other traffic related issues.

SUPPORT CONTACT

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