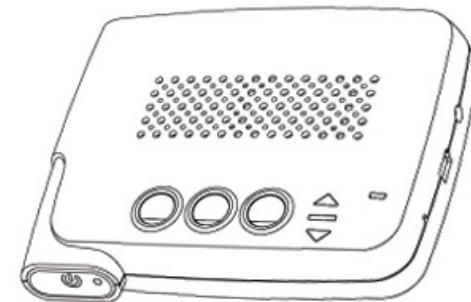


# ***Laser Defender α-15***



Facets Product Design & Development Ltd.  
Taiwan Microwave Group

[www.TMG-FACETS.com](http://www.TMG-FACETS.com)

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## **Operation Manual**

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## **Introduction**

Thank you for purchasing  $\alpha$ -15 laser jammer, one of the most innovative and sophisticated devices in its category today.

Please be sure to read this manual to familiarize yourself with the features and operation of this product. Enjoy the trip with  $\alpha$ -15 and drive safely.

### **Danger**

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*$\alpha$ -15 is a class 1M laser product. Never look at the transponder closely while powered on!*

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### **Caution**

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*Motorists are expected to exercise all due caution while using this product, and to obey all applicable traffic laws.*

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### **Warning**

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*$\alpha$ -15 only takes 12V power sources; A 24V power source will damage the product permanently.*

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### **Specifications**

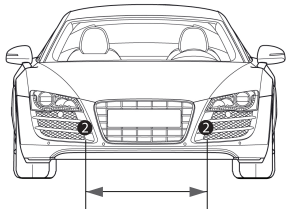
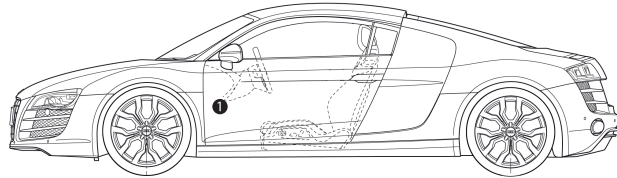
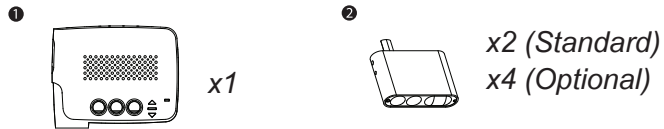
Input: DC 12V Laser Wavelength: 905nm Optical Peak Power: Up to 75 W Communication: BT3.0/4.0 Compatible Operation Temperature: -10°F~150°F / -25°C~70°C
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# Chapter 1

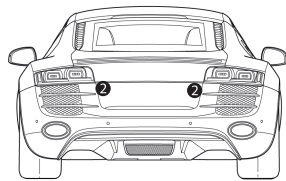
## Installation

### Caution!

1. Make sure transponders are positioned proximately at the same height as number plate and separated by 30in/70cm from each other.
2. Use the level included to make sure transponders are horizontally positioned, and are facing straightly forward.

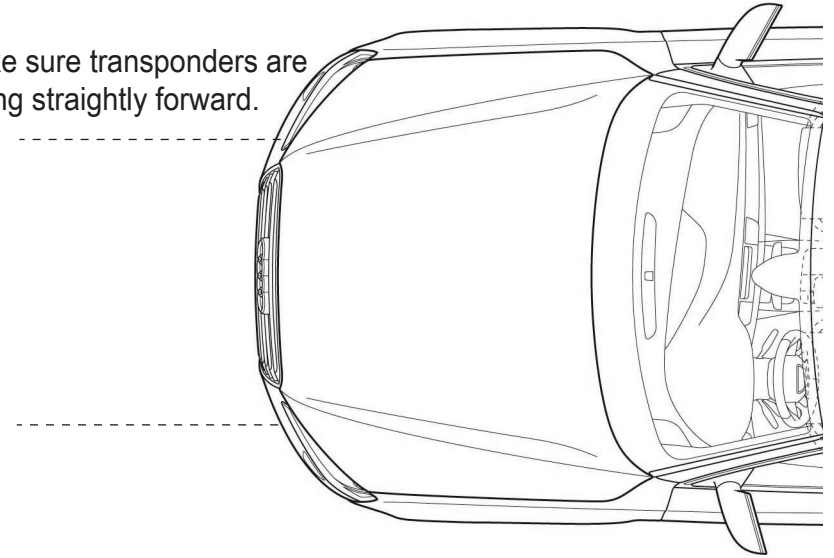


30 inch / 70 cm

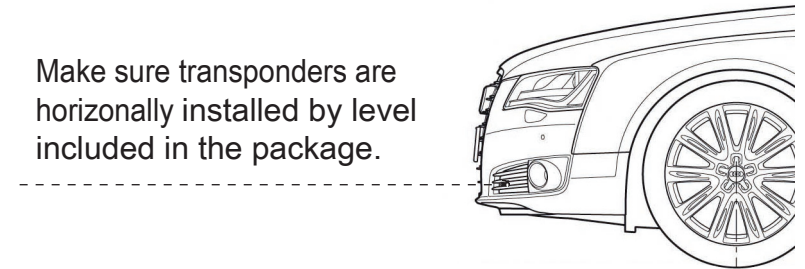


Optional Rear Transponders

Make sure transponders are facing straightly forward.



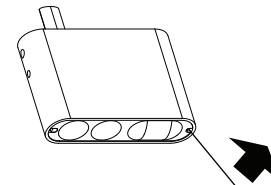
Make sure transponders are horizontally installed by level included in the package.



(Drawing Resource Audi)

### Change the transponder cover

Use a pin to pry open the old cover and replace it with a new one after one year of use on the road.



## Chapter 2

### Operation

#### Adjusting Volume

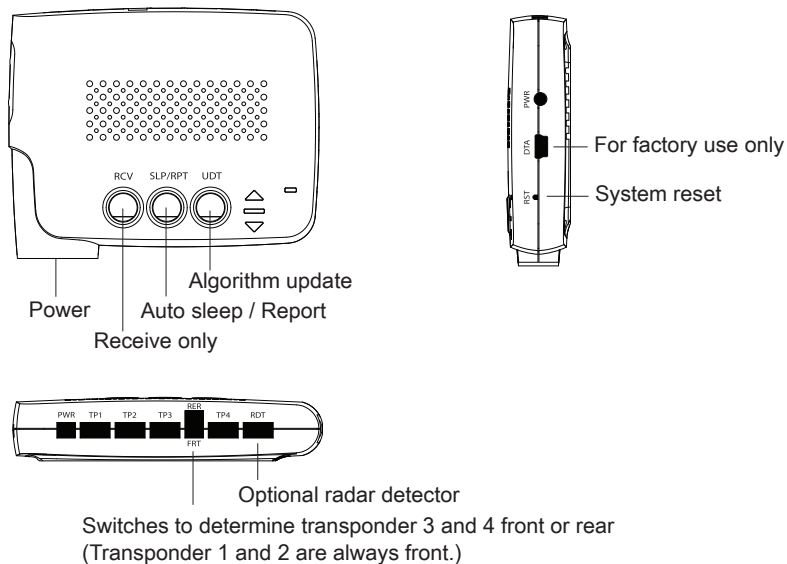
Press side buttons to adjust volume. Press for 1 second to reach the maximum or minimum.

#### Receive only

Press this button to switch to receive only mode,

#### Auto sleep / Report

Auto sleep stops jamming after 10 seconds. Press this button for 1 second to report police spot to server.



#### App operation

1. Start the App. Don't set up BT connection through operation system. Press Start/On button( $\alpha$ -15 needs to be powered on and nearby.).
2. Choose IP address starting with "1E:03" for Android system, and "1E:04" for iOS. Password is "1234". It should take 15 seconds for setting up.
3. Now you can sweep the App away and only keep the pop-up. It automatically dis-connects or re-connects to  $\alpha$ -15 when you switch  $\alpha$ -15 off or on. To bring the interface back, press the pop-up.
4.  $\alpha$ -15 automatically reports to the server when it receives laser signals. If you keep the interface on you can manually report a few different types of spots. If you manually report from  $\alpha$ -15 (by long pressing SLP/RPT button), it's police spot. Any report will be kept on server for 3 hours.
5. Map view and instructions are on the upper right corner.

#### Algorithm update

1. Make sure your App is connected with  $\alpha$ -15, otherwise go through step 1 and 2 in previous paragraph.
2. Press UDT button on  $\alpha$ -15.
3. Press Update in the App.
4. Follow instruction on the screen.

# Chapter 3

## Appendix

Here is a collection of laser/lidar guns we have tested. Our laser jammer works for other similar ones. The coverage is increasing and we always keep our products promptly undated.



### One Year Limited Warranty

For period of one year from the date of first consumer purchase, Facets will, without charge, repair or replace, at its option, defective Facets products upon delivery to Facets or an authorized Facets Service Agent, accompanied by proof of the date of first consumer purchase from an authorized dealer, such as a duplicated copy of a sales receipt.

The customer has to pay shipping charges to deliver the product for service. The return charge will be at our expense, if the product is proven to be under warranty.

This limited warranty does not apply:

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2. In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs;
3. If the serial number has been altered, defaced or removed.

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