

# AR Assistant | Quick User Guide

## Advanced rider assistant system

### 1. Foreword

Congratulations on your purchase of the AR Assistant (ARA). Consider the AR Assistant a rider guardian angel! The ARA is a complete safety package in one tiny box, which may be installed on a wide range of street and track/race bikes that do not have factory-equipped safety features.

The ARA is the only safety module on the market that is managed wirelessly via Android and iOS devices using a free, easy to use application.

The product can be installed on any ABS-equipped bikes using the bike-specific harness kits.

Non-ABS models may also use the ARA with the front wheel disc and sensor (included in the non-ABS kit).

Specific functions may be controlled on-the-fly while riding, using the supplied handlebar-mounted switch, e.g. in wet conditions, switch to the pre-programmed rain mode instantly with the flip of a switch.

For more information on this product, please visit: [www.healtech-electronics.com/ARA](http://www.healtech-electronics.com/ARA)

### 2. Features

#### ➤ ANTI-WHEELIE & TRACTION CONTROL SYSTEM

Adjustable in 12 stages to match your riding style and road/track conditions. Can be completely disabled either in the ARA app or via the supplied On/Off switch. The ARA ensures optimal grip and maximum acceleration on all road conditions. Improves safety and your lap times too!

#### ➤ LAUNCH CONTROL

No more unwanted wheelies during launches. Enjoy thrilling acceleration combined with maximum efficiency. Customize launch settings for the rider/machine combination to the maximum.

#### ➤ PIT-LANE LIMITER

Limit the bike speed while the PIT switch is ON. Essential to keep the mandatory speed limit in the pit lane, but also a great feature as a top speed limiter for less-experienced riders.

#### ➤ AMAZING COMPATIBILITY

The ARA is compatible with all vehicles having one or more cylinders and Transistor Controlled Ignition (TCI). It is NOT compatible with old models having Capacitor Discharge Ignition (CDI). Non-ABS models require the ARA disc and sensor kit. Works together with all other HealTech products.

#### ATTENTION:

We have developed the AR Assistant with rider safety as the primary objective. To make riding as safe as it can be. The traction control and the anti-wheelie system can help to prevent crashing, but they are not a substitute for riding appropriately for the conditions. No riding aids can prevent loss of control / accidents resulting from rider error, careless riding, inappropriate speeds for the road/traffic conditions or inexperience.

Stay within your limits! Never exceed your riding abilities, choose your speed and lean angle according to the road/track and traffic conditions. No traction control system can maintain tire grip on all road/track surfaces (riding in the rain, muddy road surface, oil or petrol spill, etc.). Motorcycles are single-track vehicles, which means front end traction is essential. There will always be situations when front wheel slip is unavoidable.

Ensure your bike is always properly maintained and is in the best possible condition, especially the tires. Do not use a motorcycle that is not in a safe condition! Do not lend your motorcycle to inexperienced riders! It is important to note that track use places a much greater demand on the bike and rider than road use. This demands an even greater attention to safety, and we recommend that drivers thoroughly inspect their vehicles prior to use on a circuit.

We advise all riders to be pro-active in their education and join rider training groups. They are the best way to get road/track experience while learning and perfecting the operation and control of the motorcycle. Always wear quality protective equipment such as an approved helmet, leather suit, gloves and boots, back protector etc.

**HEALTECH ELECTRONICS LTD. MAY NOT BE HELD LIABLE IN ANY CASE AFTER AN ACCIDENT!**

### 3. Device compatibility / application download links:

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#### 📱 iOS devices:

Compatible with iPhone/iPad devices running iOS 11.0 or newer. To download the latest AR Assistant app scan the barcode or visit the link below:

<https://apps.apple.com/us/app/ar-assistant-ara/id1531468814>



ARA iOS application

#### 🤖 Android devices:

Compatible with Android devices running Android 5.0 (Lollipop) or newer. To download the latest AR Assistant app scan the barcode or visit the link below:

<https://play.google.com/store/apps/details?id=com.healtech.ara>



ARA Android application

### 4. User manual

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The complete user manual is embedded into the iOS/Android application and can be accessed directly from the 'Help' section. You may also download the manual in pdf format from the link below:

[https://www.healtech-electronics.com/docs/ARA\\_Manual\\_en.pdf](https://www.healtech-electronics.com/docs/ARA_Manual_en.pdf)



ARA User Manual

### 5. Warranty

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HealTech Electronics Ltd. guarantees this product against defects in material and workmanship for a period of two (2) years.

The warranty period starts from the date of the original purchase as shown on the invoice.

### 6. Specifications

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- Supply voltage: +8V to +20V
- Max. supply current at 12V: 150 mA
- Operating temp: -40°C to +80°C (-40°F to +176°F)
- Waterproof (IP68)
- Unit size: 50 x 57 x 17 mm (1.96 x 2.24 x 0.66 inches)
- Reverse polarity and transient protection



Smart Tech for your Ride!