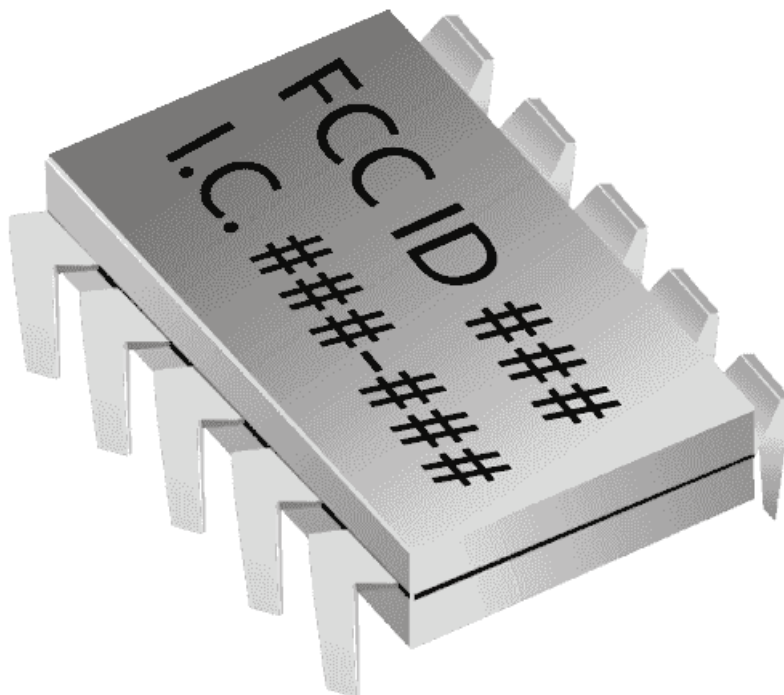


Rider Alert Technology RAT286 RF Module User Manual

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RIDER

User Manual
RAT286 RF Module



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RAT286 RF Module

User Manual soft ver 201

RF Module works on 915MHz

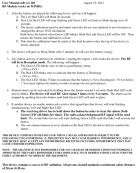
1. After the battery is placed the following device activity will happen:
 - A. The Left Red LED will blink for 20 seconds
 - B. Next Left Red LED will stop flashing and Green LED will start to blink during the next 10 seconds.
 - C. The device calibration must be performed when the device was attached to a new location or changed the device XYZ orientation. Hold down the button when the Green LED blinks. Both Red and Green LEDs will be ON. Then release the button and calibration is done.
 - D. Note that the calibration must be made in the final location when the top of the device is firmly attached.
2. The device will go to Sleep Mode after 3 minutes. It will save the battery energy.
3. Any button activity or motorcycle vibration (starting the engine) will awake the device. The RF will be in Reception mode. The following will happen :
 - A. The Green LED blinks once to show the good battery status (3V6 to 4V5)
 - B. The Red LED blinks once to indicate that the battery is Discharge (3V4 to 3V6).
 - C. The Red LED blinks 3Times to indicate that the battery is Very Discharged (3V4 or below). You must replace the battery in order to proper device performance.
4. The manual alarm can be activated by holding down the button for around 3 seconds. Both Red LEDs will start to blink. The device will send RF Alert signal 3 times every 5 seconds. The alarm can be stopped by pushing down the button until both Green LEDs will start to glare.
5. If another device on a nearby motorcycle receives that signal then that device will start flashing simultaneously Left and Right Red LED.
6. The receiving driver has to hold down the button in order to clear the alarm. Both Green LEDs will blink few times. The radio acknowledgment RF signal will be sent back. The victim biker device will start flashing Green LEDs until that biker will activate the button.
7. The one-minute timeout is set to shut down the Red LED if the driver did not confirm the alarm.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device contains a source of RF radiation. All persons should maintain a minimum safety distance of 20 cm (0.20 m).

Documents / Resources

	Rider Alert Technology RAT286 RF Module [pdf] User Manual RAT286, 2AXDXRAT286, RAT143, 2AXDXRAT143, RAT286 RF Module, RF Module
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