

VEX Robotics, Inc.

276-3245 VEXnet Key 2.0 Radio Module User Guide



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1. Overview

This document describes how to use the 276-3245 2.4 GHz VEXnet Key 2.0 Radio Module.

2. Operation

The VEXnet Key 2.0 Radio Module is not configurable by the user. When plugged in to a suitable host, the host will set the frequencies, power levels and other registers. It will transmit and receive data in the 2.4 GHz band with center frequencies from 2.402 GHz to 2.480 GHz.

3. FCC / Industry Canada Compliance Information

FCC Compliance Statement (United States):

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 undesired operation.

Industry Canada Compliance Statement

This device complies with Industry Canada licence-exempt RSS Standards. Operation is subject to the following two conditions: 1) this device may not cause interference, and
2) this device must accept any interference, including interference that may cause undesired operation of the device.

Conformité aux normes d'Industrie Canada

Cet appareil est conforme aux normes RSS exemptes de licence d'Industrie Canada. Son utilisation doit répondre aux deux conditions suivantes : (1) cet appareil ne doit pas générer d'interférences et (2) il doit

supporter toutes les interférences, y compris les interférences susceptibles de provoquer des dysfonctionnements.

4. Appendix A: Document Version History

<u>Date Code</u>	<u>Rev</u>	<u>Changes</u>
2013-08-06	1	Initial document release.
2013-08-26	2	Updated Industry Canada Compliance Statement.
2013-09-17	3	add FCC statement