

## **USER'S MANUAL INFORMATION**

(Preliminary)

The User's Manual is in preparation. The following material will be contained in the manual:

**FCC ID: MYF-G11FNFP**

**IC: 2837A-G11FNFP**

### Interference Statement

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. 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.

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

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

## Information to the User / Installer

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. If not installed and used in accordance with the instructions, it 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to 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.

Any changes or modifications of equipment not expressly approved by the manufacturer could void the user's authority to operate the equipment and the company's warranty.

**NOTE: THE ANTENNA SYSTEM SHALL BE INSTALLED ONLY BY EXPERIENCED ANTENNA INSTALLERS WHO ARE FAMILIAR WITH LOCAL BUILDING AND SAFETY CODES, AND WHEREVER NECESSARY HAVE BEEN LICENSED BY APPROPRIATE GOVERNMENT REGULATORY BODIES. FAILURE TO DO SO MAY VOID THE PRODUCT WARRANTY, AS WELL AS EXPOSE THE END-USER TO LEGAL AND/OR FINANCIAL LIABILITIES. HYPERLINK TECHNOLOGIES, IT'S AGENTS, RESELLERS OR DISTRIBUTORS, ARE NOT LIABLE FOR INJURY, DAMAGE, OR VIOLATION OF GOVERNMENT REGULATIONS THAT MAY ARISE FROM FAILING TO COMPLY WITH THE GUIDELINES DESCRIBED IN THIS DOCUMENT.**

**NOTE: FIXED, POINT-TO-POINT OPERATION EXCLUDES THE USE OF POINT-TO-MULTIPOINT SYSTEMS, OMNIDIRECTIONAL APPLICATIONS, AND MULTIPLE CO-LOCATED INTENTIONAL RADIATORS TRANSMITTING THE SAME INFORMATION. THE INSTALLER IS RESPONSIBLE FOR ENSURING THAT THE SYSTEM IS USED EXCLUSIVELY FOR FIXED, POINT-TO-POINT OPERATIONS. (I.E. THE DEVICE AND ITS ANTENNA MUST NOT BE CO-LOCATED OR OPERATING IN CONJUNCTION WITH ANY OTHER ANTENNA OR TRANSMITTER). (REFERENCE FCC PART 15.247(B)(4)(III))**

The table on the following page identifies which antennas are considered "fixed" and which are "mobile". When this device is installed as a fixed-mount application there is a minimum required separation distance of one (1) meter between the antenna and all persons during normal operation. For mobile mounted antennas, the required separation distance is a minimum of twenty (20) cm between the antenna and all persons during normal use.

For Amplifier(s): HA2401GI-XXX, HA2401G-XXX, where XXX stands for the amplifier power rating labeled in mW (see below)

**FCC / IC Compliant Configurations - Channels of Operation**

Antenna Model	Antenna Type	Gain (dBi)	Amplifier Power Rating										Card Alone	(mW) - as labeled (dBm)		
			1000	800	630	500	400	250	200	100	60	50	25		17.5	
HG2401U	whip/monopole	1	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2402RD	whip/monopole	2	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2403RD	whip/monopole	3	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2403UR	whip/monopole	3	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2404CU	whip/monopole	3	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
RE05E	whip/monopole	5	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
RE05U	whip/monopole	5	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	1-11
HG2405	whip/monopole	5	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2406U	whip/monopole	6	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2407U	whip/monopole	7	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2408U	whip/monopole	8	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2409U	whip/monopole	8.5	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HGV-2409U	whip/monopole	8.5	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2410U	whip/monopole	10	N/A	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2412U	whip/monopole	12	N/A	N/A	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2415U-PRO	whip/monopole	15	N/A	N/A	N/A	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2409P	patch	8	N/A	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	-
HG2408P	patch	8	N/A	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	-
HG2412P	patch	12	N/A	N/A	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	-
HG2414P	patch	14	N/A	N/A	N/A	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	-
HG2416P	patch	16	N/A	N/A	N/A	N/A	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	-
HG2409Y	Yagi-Uda	9	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2412Y	Yagi-Uda	12	N/A	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-
HG2415Y	Yagi-Uda	14.5	N/A	N/A	N/A	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8	-

Channel	Frequency (MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

**Configurations in BLACK can be used in either MOBILE OR FIXED MOUNTED Installations (FILTER REQUIRED)**

**Configurations in BLUE can be used in either MOBILE OR FIXED MOUNTED Installations (NO FILTER REQUIRED)**

**Configurations in RED can only be used in FIXED MOUNTED Installations (FILTER REQUIRED)**

Configurations with N/A are NOT PERMISSIBLE, via. FCC 15.247(b)(4)(i)

Configurations with "-" are NOT PERMISSIBLE as they do not meet the FCC Part 15 restricted band limits

## Important Information

Your wireless system has been installed and configured by an RF professional to comply with FCC Part 15 regulations. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the installation and configuration manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the end user will be required to correct the interference at their own expense.

Modifications to this system including changing the antenna, power setting or transmit channel may result in a non-compliant system, and should only be undertaken by professional installers after reading the Installation Guide for this system.

For further information contact:

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### **SAFETY NOTICE**

**This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment when installed as directed. When this device is installed as a fixed-mount application there is a minimum required separation distance of one (1) meter between the antenna and all persons during normal operation. For mobile mounted antennas, the required separation distance is a minimum of twenty (20) cm between the antenna and all persons during normal use.**

Installer: Please post this notice in a prominent location near the transmitter.