



Dish Technologies 433 MHz radio module user guide.

The Model: 433 radio module is design to be commercially installed in the Dish Neutral Host Gateway and operated in commercial, industrial or metropolitan locations. The module requires professional installation and can only be installed in Dish manufactured Neutral Host Gateways.

Insert the module into a neutral host gateway PCIe slot and wait for the system to update.

LEDs will indicate a successful pair operation.

Use only the Dish specified panel or dipole antennas.

FCC Statements and Operating Restrictions:

This device complies with Part 15 of the FCC Rules.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

The antenna must be installed and operated with a minimum distance of 20 cm between the radiator and typical nearby person locations.

Do not make any modifications to the module, antenna connection or associated antennas.

Doing so will void your authority to operate the module.

The module can be co-located with the following transmitters in a Dish Neutral Host Gateway only.

- FCC ID: 2AAGMNB01Q0
- FCC ID: RI7LE910SVL
- FCC ID: O7P-341
- FCC ID: DKN915M

The Host Device (Neutral Host Gateway) label shall state:

Contains FCC ID: DKN433M

This module 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.