



CartManager Receiver Manual



Instructions to the User for FCC:

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.**
- It is strongly recommended that the TV be plugged into a separate wall outlet.**

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception.

The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

Information for Canadian Users (IC Notice):


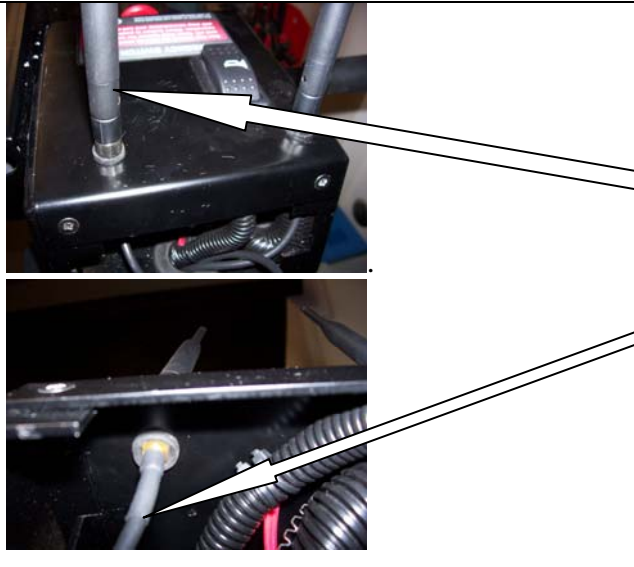
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This device has been designed to operate with an antenna having a maximum gain of <<Antenna Gain>> in dBi. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than the required for successful communication.

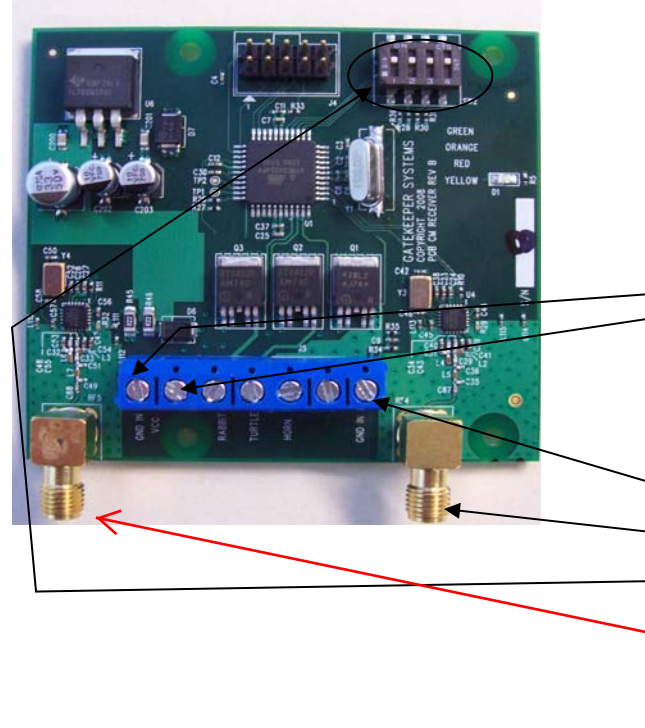

GKS RECEIVER INSTALLATION FOR CARTMANAGER

Remove the main leads to battery positive, negative and negative from the first battery before you start working for this installation.

	<p><u>Removing the old receiver</u></p> <ol style="list-style-type: none">1. Remove the top cover retaining screws at the top of the front control column cover and two below the Emergency stop button. Care fully lift the top cover a little being careful not to pull wires inside that are attached to this part2. Remove the front cover by sliding it upward about 1-1/4" and then pulling forward away from the neck.3. Open the receiver box and remove all the wires connected to the PC board assembly.4. Disconnect the round Harness connector behind the electric panel in the base unit to avoid damage to the wiring harness when the neck is removed.5. Remove the two" retention bolts on the back of the control column using 9/16" wrench.6. Remove the two retaining bolts using 3/4" (19mm) socket wrench at the bottom-front of the column. <p>Caution: At this point the Neck will come loose support it firmly and pay extra attention to the wiring harness.</p> <ol style="list-style-type: none">7. remove screws holding the the Receiver box and take it out by sliding it down thru the neck area
	<ol style="list-style-type: none">8. If the antenna hole is smaller then 7/16" enlarge the hole using a 7/16" drill(11 mm) for the thicker grommet for the antenna, Install the grommet.9. Insert and tighten the Antenna and antenna cable as shown in the picture.10. Antenna (P/N E7007)11. Use antenna cable (P/N E7003)

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Remove the main leads to battery positive, negative and negative from the first battery before you start working for this installation.

	<ul style="list-style-type: none">• Install the receiver in the neck. Open the receive box cover• Insert the antenna cables (E7003) and the wires to the old receiver box along with the 2 wires for the switch thru cord grips.• Connect the wires to the receiver pc board <ol style="list-style-type: none">1) GND IN: Black for (- in old box)2) VCC : Red (+ from old receiver)3) Rabbit: Green4) turtle: Yellow5) Horn: Brown6) Blank : from new switch (Blue)7) GND IN: from new switch (Gray) <ul style="list-style-type: none">• Connect remote antenna here• All dip switches should be set to off position (all switches down)• Connect announce antenna here
	<ol style="list-style-type: none">1) Drill $\varnothing.75$ (19mm) hole for the remote switch right under the remote pocket.2) Connect Blue and gray wires from the receiver to the switch.3) Install the remote association switch in the hole. <p>To associate the Remote with the cartmanager. Turn on the cartmanager. Press red and then green button on the remote and then press the remote association switch on the cartmanager the remote led blinks 3 times to confirm the association. Test with horn button on remote.</p>

Reconnect the wiring harness connector install the covers and then main battery leads.

Tools Required

Phillip screwdriver
3/4" Drill bit and a Drill
Small flat screwdriver
7/8" socket wrench with extension
A small adjustable wrench to tighten antenna

Parts:

Receiver
Remote
Pushbutton Switch and wires
Antenna and grommet
Antenna cable

Contacting Gatekeeper Systems

For more information about CartManager XD training and troubleshooting, or to order replacement parts or report an issue, contact the Gatekeeper Systems Inc. regional Customer Support office nearest to your location.

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