



Top Air

## Instruction Manual

### Introduction:

The top air transmitter is a multi-function RF controller using 2.4 GHz Zibgee wireless technology. The unit is used to control a sprayer unit to apply agriculture chemicals.

## **Functions:**

The unit will control all of the functions on the sprayer unit.

1. Fully control the boom sections on the unit. up, down, tilt, extend and retract.
2. Control the foam marker outputs for field marking
3. Control fence row nozzles
4. Control tank options such as tank inlet and outlet, tank purge and agitation control
5. Control individual boom section on and off
6. Control the steerable hitch option

## **Connections:**

**Transmitter:** The unit has connections for being hard wired to the equipment or act alone via the wireless control. On the back of the unit it has the connections for hardwiring the unit to the controller. There are 4 connectors on the back of the unit for this. There is fuse holder with a 20 amp fuse installed.



Figure 1: Back of transmitter

## **Internal battery:**

The unit has an internal battery that will need to be charged during normal operation. The charging connector is supplied with the unit. It will connect to 12volt positive and negative and plug into the 6 pin square connector in the lower left corner on the back of the transmitter to charge the unit. The internal battery will last approximately 8 hours during normal operation and can also be plugged into the charger during normal operation as well.

## **FCC Certification Requirements**

Caution: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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 Industry Canada license-exempt RSS standard(s). 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.