

**NOTE:** This equipment generates and uses radio frequency energy, and if not installed properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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 the receiving antenna
- \* Increase the separation 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/television technician for help.

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

## GUARANTEE

RainWise, Inc. warrants this new *MK III* weather station against defects in materials and workmanship for a period of two years from the date of purchase, and agrees to repair or replace any defective product without charge. Additionally, the solar panel is guaranteed for five years from the date of purchase.

This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, the fixing of any attachment not provided with the product or damage due to a lightning strike. RainWise will not reimburse for take down or reinstallation charges. RainWise will not pay for any warranty service performed by a non-authorized repair service and will not reimburse the consumer for damage resulting from warranty service performed by a non-authorized repair service. No responsibility is assumed for any special, incidental or consequential damages. No other warranty, written or oral is authorized by RainWise, Inc. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. Some states do not allow the exclusion, incidental or consequential damages, so the above exclusions and limitations may not apply to you.

To return a unit under warranty call 1-800-762-5723. For a period of 90 days after date of purchase, RainWise will issue a UPS call tag for pickup of the equipment at your address. RainWise will also pay for return UPS charges. If expedited shipping is requested, the excess cost must be paid by the customer. After 90 days from the date of purchase, the customer is responsible for all shipping charges. Make sure that the equipment is properly packed. . . preferably in the original box, because damage incurred in shipping is not covered by this warranty.

### *If you are having a problem . . . before you call:*

Check the cable connections to the receiver box and the display. Make sure that the cable is plugged in correctly. It should snap and lock into position on both ends.

Please have the the serial number of your *MK III* available if you call. It will also save time if you have your display near the phone.

FOR SERVICE, CALL: 1-800-762-5723

**RainWise Inc.**   
P.O. BOX 443 • BAR HARBOR, MAINE 04806 • 800-762-5723

# Instructions

## for the RainWise **MK-III RTI-LR** Weather Transmitter

*Equipped With an Integral -  
mounted Rain Gauge*



**LONG RANGE  
VERSION**

**Congratulations.** . . You are unpacking the ultimate in weather watching. This *MKIII* is the result of 29 years of experience in the design and manufacture of fine weather instrumentation.

***A word about location and instrumentation:***

In order to obtain accurate measurements from the MK-III-RTI-LR it must be correctly located. For accurate wind readings the MK-III RTI-LR should be mounted so that it is not obstructed by any structures or trees. If the unit is to be mounted on a roof, it should be at least 2 1/2 feet above the roof line. The station should also be mounted in a location where it will receive the maximum amount of sun exposure. Avoid locating the station near any heat sources such as chimneys or vents. If possible avoid mounting the station above large dark surfaces that may heat up in the sun. If you are mounting the station on a roof, try locate it as close to the edge as possible.



Regardless of how you mount the system, the bottom of the electronic enclosure should not extend more than 12" or less than 7" above the support of the mounting tube.

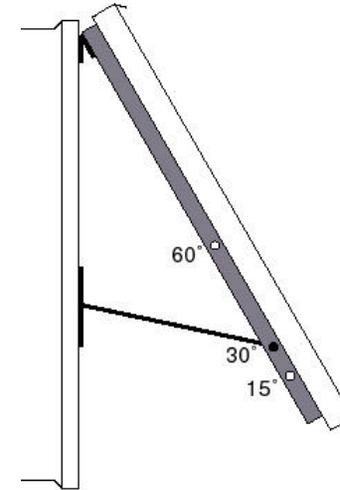
The MK-III-LR has a range in excess of a mile. This range is based on an unobstructed true line of site installation. Actual range will vary depending on the installation. Trees, structures, walls (including glass) will reduce this distance. The closer you can keep the transmitter to the receiving devices the better. Always test the range before making the final installation. In most cases a range of 400 to 500 feet does not present any issues.

We also suggest that you operate your system at ground level and make sure that it operates properly prior to installation. Consult the instructions for your display and/or computer interface.

1. Mount the support tube as indicated above. Insert the necked down end into the *MKIII* sensor assembly, until it bottoms with the retaining screw in the slot. Tighten the screw.
2. Rotate the assembly until the solar panel faces TRUE SOUTH, TRUE NORTH if you are in the southern hemisphere. Secure the support tube to the assembly from rotating.
3. Adjust the solar panel angle for optimum performance. Use the table below to determine your optimum angle.

Latitude	Panel Angle (from vertical)
0° - 22.5°	60°
22.5° - 55°	30°
55° - 90°	15°

4. The top of the solar panel is hinged. Lift the bottom of the solar panel up and insert the two support bars into the appropriate mounting holes in the solar panel.



5. Turn the system on by pulling switch forwards towards the front of the unit. The switch will click into position. The system is now transmitting.



**This completes the assembly!**