

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 04609 • 800-762-5723

Instructions

for the RainWise MK III Weather Transmitter



**Equipped With a Wireless
Yard Mount Rain Gauge**



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:

By far the best location is the roof of your house. The wind sensor should be at least 2 1/2 feet above the roof line and a tripod is the best method of mounting.

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.

Before it was packed, your **MKIII** was tested by transmitting 433 feet, through two walls. However, if you choose to mount the system on a remote pole or roof, you should understand that trees, structures, walls (including glass) will reduce this distance.

If you plan a remote mounting, you will probably not have a problem, but we recommend that you contact our service department at 1-800-762-5723.

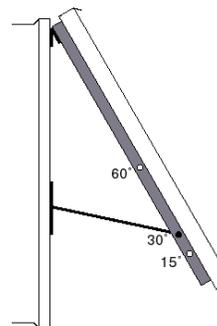
We also suggest that you operate your system at ground level and make sure that it operates properly prior to installation. Consult the instructions for your display and/or computer interface.



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.



6. Pick an open location that is within 400 feet of the MK III and away from overhanging trees. Dig a hole for the support tube of the rain collector that is 18 inches deep. This will place the top of the collector at the height recommended by the National Weather Service.

Remove the collector from the rain gauge base by loosening the four retaining screws and rotating the collector counter clockwise.

Thread the two support tube pieces together. Set the support tube in the hole and fill in dirt around it. Rotate the gauge until the antenna is facing the MK III. Tamp the dirt, making sure the rain gauge base is secure and level. A cement base is not normally required.

Remove the blue cap from the base and insert two AA alkaline batteries. Replace the blue cap. The transmitter will output every time there is enough rain (.01 inches) to tip the bucket. Test for rainfall reception on your display by tipping the bucket back and forth and observing the counts. Replace the collector and tighten the retaining screws when you have finished testing..

This completes the assembly!