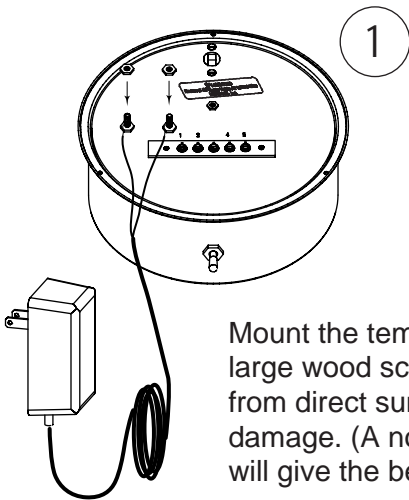


MYSTIC INSTALLATION

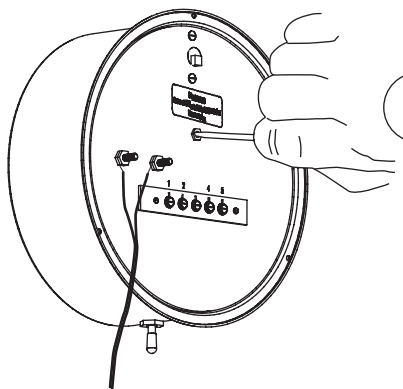
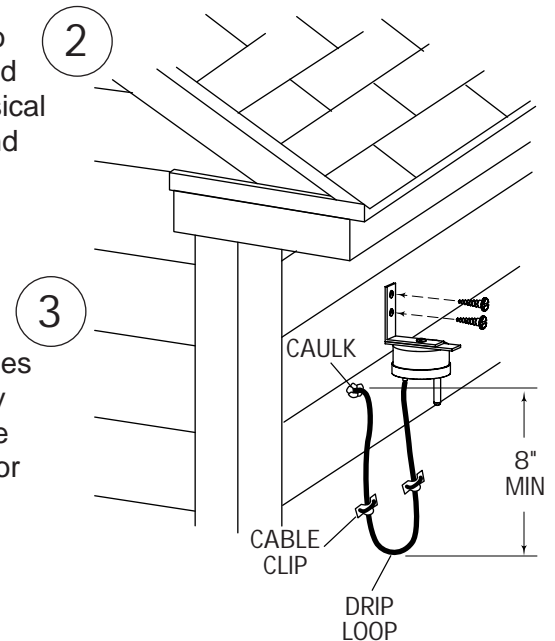
PROPER INSTALLATION IS IMPORTANT. IF YOU NEED ASSISTANCE, CONSULT A CONTRACTOR, ELECTRICIAN OR TELEVISION ANTENNA INSTALLER (CHECK WITH YOUR LOCAL BUILDING SUPPLY, OR HARDWARE STORE FOR REFERRALS). TO PROMOTE CONFIDENCE, PERFORM A TRIAL WIRING BEFORE INSTALLATION.



1 Connect the AC adapter to Mystic and plug into outlet. The display will briefly light up all the indicator lights (self test) and then will show the barometer function light and the center display will show a pressure reading. **Leave the instrument in this mode for two hours. Do not activate the switch at the bottom of the case in any way.** At the end of the two hour wait Mystic will be ready to have the pressure adjustment performed. The temperature sensor can be installed during this wait.

Mount the temperature sensor assembly with the two large wood screws. Select a location that is protected from direct sunlight and sheltered from rain and physical damage. (A north exposure, six feet above the ground will give the best results.)

Form a drip loop with the wire at least eight inches below the exit from the sensor and at least eight inches below the point of entry into the building. Anchor any exposed wire with insulated cable clips. Run the wire through the building to the location where the indicator will be located. Caulk any holes when done.



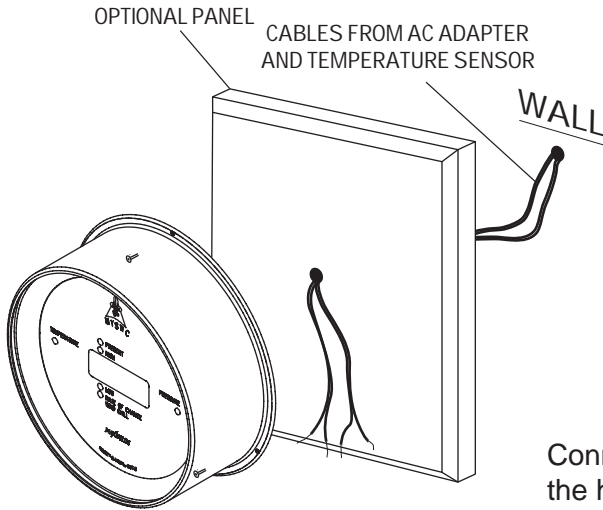
4 If two hours has elapsed since Mystic was plugged in, the barometer can now be calibrated for your location. Obtain the current barometric pressure for your area by calling a near-by airport or an individual who has a properly set barometer. Insert a small screw driver into the recessed slotted screw at the back of Mystic. Turn the screw while observing the pressure read out on the front of Mystic. Due to the sensitivity of this adjustment, the numbers on the display may fluctuate during this procedure. It may take a minute to achieve the exact setting.

5 Unplug the AC adaptor and disconnect the wires. Mystic is now ready for the final installation. The adjustment that you have made will always remain intact.

MAXIMUM INC.
Samuel Barnett Boulevard
New Bedford, MA 02745
(508) 995-2200

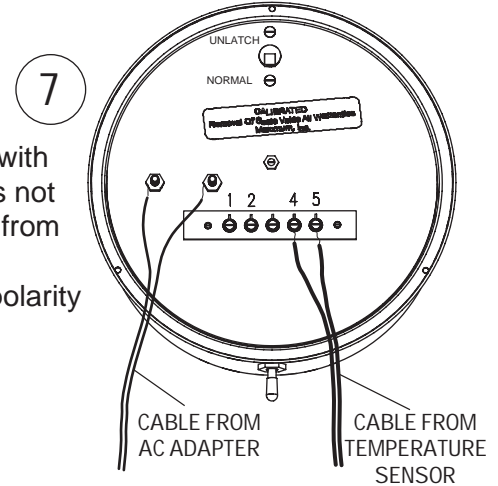
MYSTIC

INSTALLATION (CONT.)



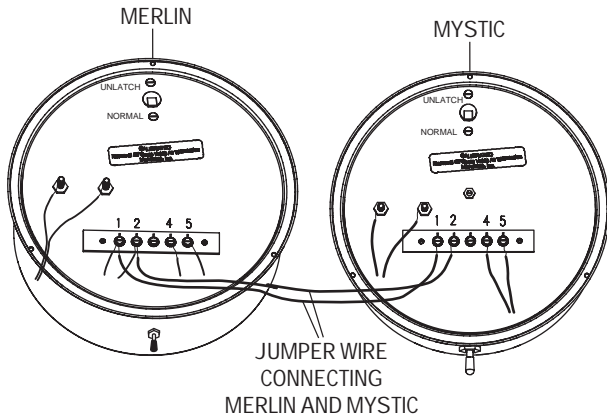
6

Feed the cables from the AC adapter and the temperature sensor through the wall to Mystic. We recommend using one of our pre-drilled panels for mounting Mystic. Take precautions to avoid crimping the wires under the lip of the brass readout.



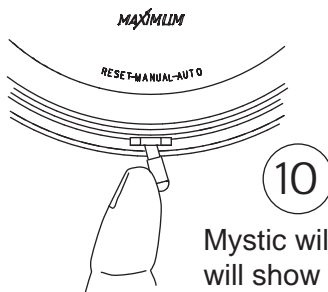
7

Connect the AC adapter wires with the hex nuts. The polarity does not matter. Connect the two wires from the air-temperature sensor to terminals 4 and 5. Again, the polarity does not matter.



8

If you own a Merlin, connect the jumper wire (supplied) to terminals #1 and #2 on Merlin. There will now be two wires connected to terminals #1 and #2. Connect the other end of the jumper wires to terminals #1 and #2 of Mystic. Note that terminal #1 of Merlin connects to terminal #1 of Mystic and #2 connects to #2.

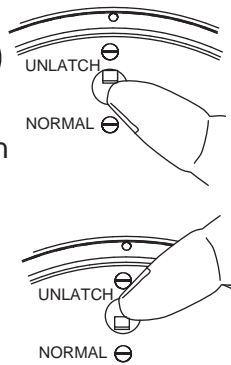


10

Mystic will power up and self test briefly then the center display will show the pressure adjustment mode. You must exit the adjustment mode by moving the switch to Auto and releasing it.

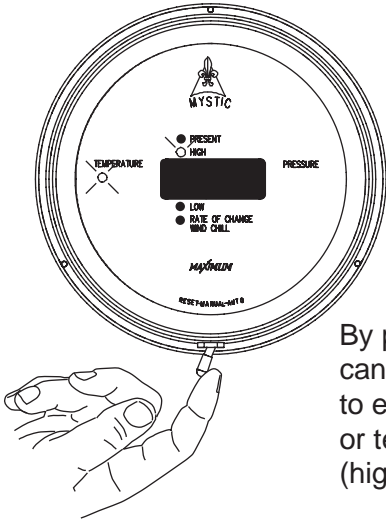
IMPORTANT: (a) Plug in the AC adapter
 (b) Set the switch on the back of Mystic to the UNLATCH position
 (c) Wait 15 seconds
 (d) Set switch to NORMAL

9



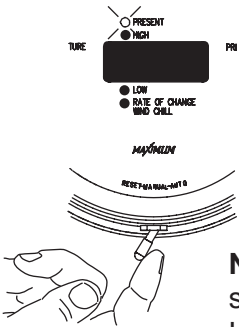
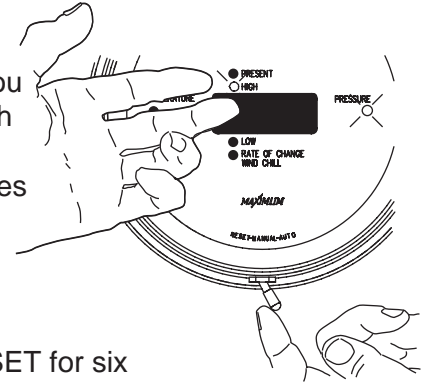
NOTE: After any full reset, Mystic will display the pressure adjustment mode. It is never necessary to perform the pressure adjustment again. Simply exit this mode by moving the switch to Auto and releasing it.

MYSTIC OPERATION



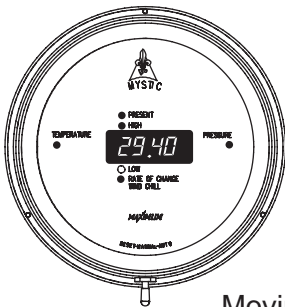
The memory within Mystic can be cleared by moving the bottom switch to RESET and holding it there for six seconds. The display quickly blanks indicating that the current functions memory is being erased.

By pushing the switch to AUTO one push at a time, you can arrive at the function data that you selectively wish to erase. Observe which function light is lit (pressure or temperature). Also check which of the two memories (high or low) you choose.



A "FULL" reset is achieved by holding the switch to RESET for six seconds or more only when Mystic is on present. The display will self-test. Exit the altitude adjustment mode by then moving the switch to AUTO and releasing it.

NOTE: After any "FULL" reset, temperature and or wind chill data will be displayed and stored after ten seconds. Pressure data will be displayed and stored after two minutes. However, R.O.C./Pressure will show "HOLD" for 72 minutes following a "FULL" reset.

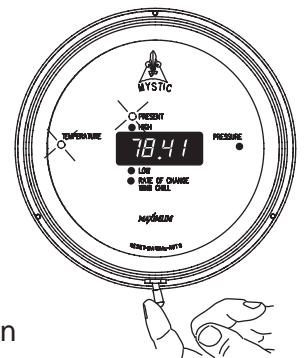


When the switch is in the center position Mystic will display the information that is indicated by the function light. All the other functions data are being recorded and stored.

Moving the switch to the right and allowing it to return will toggle Mystic to the next function. This will be indicated by the illuminated function light. Keep moving the switch to the right until the light for the function that you wish to observe is illuminated.

Moving the switch to the right and holding it for at least three seconds will put Mystic into its Auto sequencing mode. You will see each function light stay on and that particular information displayed for approximately four seconds and then move to the next function automatically.

If Mystic is Auto sequencing and you wish to observe the information for longer than the display period - move the switch to AUTO and release it. You can then manually step through the functions as previously mentioned.



MAXIMUM INC.

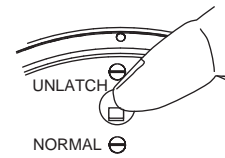
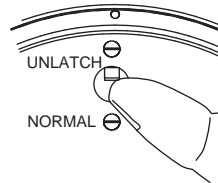
Samuel Barnett Boulevard
New Bedford, MA 02745
(508) 995-2200

MYSTIC

IMPORTANT FACTS ABOUT YOUR MYSTIC

- **Latch Up-** Power Line disturbances, improper powering up or an error in wiring can cause a blank or improper display reading. If MYSTIC is "latched up" in this way proceed as follows:

1. Remove the Brass Indicator from the wall or panel.
2. Set the switch on the back of the indicator to the UNLATCH position.
3. Wait 15 seconds.
4. Set switch to NORMAL
5. Remount Indicator on wall or panel.



- During long power outages MYSTIC's display will blank out and the instrument will not continue to accumulate data. It will preserve the previously accumulated data for up to 15 hours.
- Moving the switch to Auto does not erase stored information.
- You do not need to time the 6 second reset time. Mystic will blank out the display to indicate that the memory has been erased.
- Mystic has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. This means that Mystic produces a minimum of radio frequency radiation. If Mystic does produce interference to radio or television reception try moving the radio or television to a different location or plugging it in to a different AC outlet.

MAXIMUM INC.

Samuel Barnett Boulevard
New Bedford, MA 02745
(508) 995-2200

IMPORTANT ADDITIONAL INFORMATION

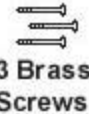
Components: Along with the indicator, the following components are included with this instrument:



**Air Temperature
Sensor w/60' Cable**



**110V AC
Adaptor**



**3 Brass
Screws**

AC Adaptor: This instrument requires its own AC Adaptor. Due to the various power requirements of each Maximum instrument, attempting to run more than one instrument on a single adaptor could cause improper operation and/or damage to the instrument(s) thereby voiding your 5-year warranty.

Brass Case: Your brass case is solid brass A70-30 Holloware quality, with a durable lacquer finish. It is in fact a piece of jewelry and should be treated as such. It should be cleaned at least once a week to keep airborne pollutants (dust, etc...) and any moisture from collecting on the case thereby attacking the lacquer. At no time should you use an abrasive cleaner or cloth on the brass case. Simply use a soft cloth or soft paper towel with a mild glass cleaner to wipe the case clean. If your instruments are in a summer home, and you are not able to clean them regularly, simply lay a small cloth or towel across the top two-thirds so that dust cannot settle on the finish.

Specifications: All instrumentation or measuring devices have accuracy tolerances and specifications. Making comparisons between different pieces of equipment is appropriate provided the specified accuracies of both are known.

	Measurement Range	Guaranteed Accuracy
Temperature (Indicator)	-30 to 120°F	±1.5°F
Temperature (Sensor)		±.5°C., 1°F
Barometric Pressure	27.5 – 31.5 Inches of Hg	±0.08 Inches of Hg