

MLOG Logger Installation Guide

Flow Metrix, Inc.

Revision 2.0

January 18, 2007

FCC ID: RIC-MLOG02

Flow Metrix, Inc.

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.

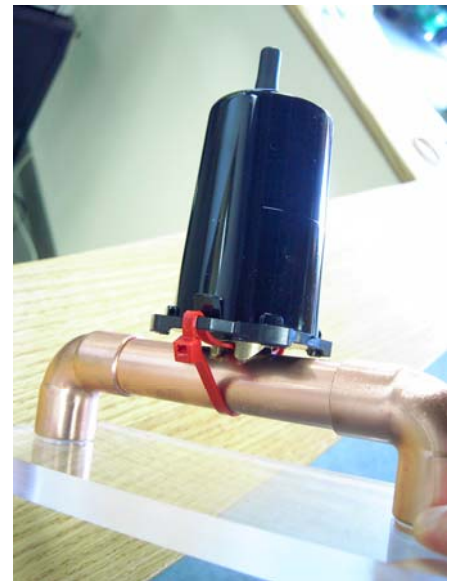
Note: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

MLOG loggers are installed on water service pipes, typically near the meter on the side of the water main, not the consumer. The logger is housed in a plastic waterproof enclosure. All electronics, including the vibration sensor, processor, timer, digital radio, and antenna are sealed inside the unit. Permanent installation requires no tools and takes less than a minute.



The MLOG logger is attached directly to the pipe using one (1) buna O-ring, as shown to the left or one cable tie, as shown on the right.

An O-ring is looped around each of the O-ring tags molded onto the side of the unit. The cable tie is passed under the pipe and looped through the molded tags on each side of the unit.





Once the MLOG logger has been mounted to the pipe it is ready to begin recording and will respond to transponder radio messages. No initialization of the logger is needed.

Note: Each MLOG logger has a 10-digit ID on the product label. The lower 6 digits uniquely identify the logger and must match the ID on the installation work order for the service.

FCC Compliance

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.

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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 radio has been FCC authorized as a mobile device. As such, users and nearby persons are cautioned to maintain at least a 20 cm (8 inches) separation distance from the radio and its antenna during operation.