MEL-II provides a wireless signal transmission from an edge sensor to operator controls, eliminating the need to hard wire these devices. MEL-II is universal and features the ability to detect the presence and function of a monitored safety edge for operators that accept this feature. MEL-II has been independently tested as a UL325 recognized component for door systems.

Q: What batteries should I use in the MEL-II transmitter?
A: To assure battery life use only size AA lithium batteries.

Q: What frequency does MEL-II operate on?
A: 916 MHz band.

Q: For post-2010 UL 325 commercial door operators, do I still need to match the edge termination type and Signature Module™ to the operator brand?
A: No. Any 2 conductor 10K (T2) terminated edge, transmitting through MEL-II will work on any major brand and does not require a separate Signature Module. The MEL-II does not support the T3 termination at this time.

Q: Can MEL-II be used with pre-August 29, 2010 UL listed commercial door operators?
A: Yes. MEL-II can be connected to a non-monitored input on the operator. However, a 10K terminated edge is always required for the MEL-II transmitter.

CAUTION: Gate operators or commercial door operators manufactured prior to this date may not include certain safety features including but not limited to the ability to revert to constant pressure to close if an external entrapment device has a fault.

Q: How do I connect MEL-II to pre-August 29, 2010 UL listed commercial door operators?
A: You will need to open the chassis on the receiver to cut the termination jumper. When this is completed, connect the Com and N.O. pins to the safety edge input on the operator. Set the P-R switch to ‘R’.

Q: Is MEL-II suitable for outdoor use?
A: The Receiver should be used indoors near the operator, however, the MEL-II Transmitter is in a NEMA 4 enclosure and can be used outdoors or in environments were it could be wet.

Q: Can MEL-II be used to provide a wireless connection for monitored photo eyes or optic edge sensors?
A: No. MEL-II can only be used to transmit a signal from an electrically activated edge sensor.

Q: How do I wire a 4-wire edge?
A: Use a resistor 10K to connect 2 wires (one black & one white), connect other black and white wires to the edge input on the MEL-II-TX10.

Q: Can I use a standard 2 wire non-terminated edge?
A: No. You may consider using MWRT12; our non-monitored 2-wire edge transmitter and receiver.
Q: What does the P-R switch do?
A: This switch selects whether the Receiver will act like a photo eye or as an edge. For most garage door applications, you will want to connect to the photo eye input, and set this switch to the ‘P’ position.

Q: How do I connect a photo eye and an edge?
A: Connect the photo eye as normal to the photo eye terminals in the operator. Connect MEL-II to the SE terminals in the operator and set the P-R switch to ‘R’. Note you may need to cut the termination jumper.

Q: How often does MEL-II check for connection and operation of edge?
A: The MEL-II checks the edge 5 times per second.

Q: How can I obtain additional support?
A: We’re always willing to help so feel free to contact us at your convenience.

By phone:
Eastern US/Canada: 800-220-3343
Western US/Canada: 800-887-3343
Outside USA/Canada: 001-610-869-4422

Website: www.milleredge.com
Email: info@milleredge.com