



## CONNECTING MANTIS SENSORS TO OTHER BRAND CONTROLLERS WITHOUT MANTIS UNIVERSAL ADAPTER

MANTIS sensors and controllers are designed to be connected to each other via a Lights Alive Direct Connect (LADC) cable, which supplies power, trigger circuit and a link light to verify the connection. Connect the modular plug on one end of the cable to the sensor and the other end to a MANTIS controller. Click-click-done! It's that simple. If you wish to connect a MANTIS sensor to a different brand controller, a MANTIS Universal Adapter should be used, although it's not mandatory.

While we would stop short of recommending that you do so, it is possible to use MANTIS sensors with third-party controllers without utilizing a Mantis Universal Adapter by cutting the six pin modular connector off the controller end of the cable and connecting those wires directly to the controllers screw terminals.

All MANTIS sensors are normally open dry contact switch closures (relay contacts). You must supply all MANTIS Intelligent Sensors with 12-14 vdc power. The illustration below shows the appropriate connections if connecting the cable directly to a non-MANTIS controller and it's power supply.

Be advised that the YELLOW and BLACK wires should be clipped and insulated. They are part of the LADC feature, which is not available when using third-party controllers.



Lights Alive does not recommend nor do we support connecting MANTIS sensors in this manor. However, properly doing so will not harm the sensors and it will not adversely affect performance. Using a MANTIS Universal Adapter is the easiest and most reliable method of connecting to other brand controllers and it offers additional features, but you may find situations where hard wiring the cable is a satisfactory solution.