

Sens-Alert Agricultural "Dew" Sensor and Alarm System

www.sens-alert.com

Contact us by:
Phone: 805-886-5909

By email: mdlilly1@cox.net

On the web:
www.sens-alert.com

Made in the USA By ML Designs Programmable, GMRS/FMRS Radio Unit with Digital Voice

2-Way Radio, Interface



*** Uses Common Cobra
GMRS/FMRS Radios**

This product was one of our first transmitter type units and has evolved as a result of direct input from Growers in the Western US. It was originally developed for Alfalfa growers to assist them in determining baling start times out in remote field locations while they rested comfortably in bed or performed other tasks. No more sleeping in the truck at night! It gets you out of your truck cab and allows you to get the rest you need. The Unit was originally designed to operate with 2-Way Land mobile Radios. Today we utilize the new Hand Held, 2-way "walkie-talkie" units with the external VOX ("Hands-Free") capability. Contact ML Designs for your suggested radio types. Units are 12VDC powered and typically are completely self-contained Stand-Alone systems. Communication is **1-Way, From the Unit**. This unit will alert anyone on the selected frequency that is within the range of the transmission.

Portable/Remote, monitoring and Digitized voice alert call-out for:

- Hay Toughness for Baling Start Time
- Relative Humidity
- Temperature
- Flood Irrigation Water Position
- General Switch Closures or Openings
- 2 Analog Inputs (for other commercially available sensors or user defined inputs)

Possible Applications:

Remote sensing/monitoring of Field crops, Row Crops Orchards and Pastures, Shop Security, Intruder alert, etc....

***Custom applications and configurations are also available.**

****See reverse side for configuration options.****



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Email: mdlilly1@cox.net

Sens-Alert, by ML Designs. "Dew" Sensor and Alarm System -System Configuration Sheet-

ML Designs, on the web at: www.sens-alert.com



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Model RCIU (Radio Controller Interface Unit)

Close-up of control module

Select from the currently available options listed below (A through P). Contact ML Designs for an official Quote regarding your configuration. If you do not see what you want, give us a call and we can talk about your custom arrangement. Units are made to order, so contact us early! (Use these prices as a guide. Due to the ongoing redesign of the system prices subject to change without notice.)



Electronic Module

A- Sens-Alert Controller module with auto dialing control unit (Includes Cobra Radio Pair), Select sensor and arrangement options from the following. **(\$1219.00)**

External Enclosure

B- Smaller lighter Plastic (Assembly Includes wiring for radio and sensor options). **(\$300.00)**,
B1- Larger More Rigid Enclosure (with space to store sensors when not in use) **(\$495.00)**

Battery/Charger

C- 12 Amp hour Rechargeable Battery & Charger. **(\$73.00)**
D- Additional 12Ahr Rechargeable Battery. **(\$43.00)**

Sensors / Options

- E-** Weather station grade Temp and R.H. Probe with radiation shield and mounting stake & hardware. **(\$952.00)**
- F-**
- G-** Hay Clip Sensor assembly with 6 ft Cable and connector. . **(\$204.00)**
- H-** Standard Relative Humidity / Temperature Probe Combo. with 10 ft cable. **(\$552.00)**
- I-** Temperature Probe with 1/2 degree F response and 10 ft cable. **(\$200.00)**
- J-** Standard Relative Humidity Probe with 10 ft cable. **(\$476.36)**
- K-** Irrigation Probe with 50 ft cable. **(\$278.00)**, with 100 ft cable. **(\$290.00)**
- L-** Portable Solar Charger System. **(\$323.00)**, - call to verify current pricing.
- M-** Flashing Beacon (useful for finding the unit at night) **(\$103.00)**
- N-** Meteorological grade Temp and R.H. Probe with shield and mounting hardware. **(\$1312.00)**
- O-**
- P-** Mercury switch detector for possible notification of unauthorized transportation (theft). **(\$45.00)**



Build a Unit (Select from "A through "P" above and fill-in the table below) Call for custom options

Notes:

1. Requires a user activation of Satellite Phone Service. System will be installed and pre-tested at ML Designs before shipping.



	<u>Select from A-P above</u>	<u>Unit Price</u>
Electronic Module	A.....	\$ 1219.00 .
External Enclosure	\$
Battery/Charger	\$
Sensors / Options	\$
Additional Sensors / Options	\$
Additional Sensors / Options	\$
Additional Sensors / Options	\$
Additional Sensors / Options	\$
Shipping/Handling F.O.B. Goleta, CA. 93117	estimate	\$ 75.00 .
Other	\$
Total estimated Cost	\$