

ESP-SITE SAT CONTROLLER ADDENDUM

Connections and Settings

1. Interface and Modem Board.

^N There are two ways of connecting the ESP-SITE SAT to the computer data path: *the phone or serial port (RS232).*

a) Phone:

Connect one side of a RJ-11 telephone cable into J4 (1a) and the other end to an RJ-11 telephone jack (or cellular phone interface, if applicable). Set switch S2 to the "PHONE" position. This is the factory default setting.

b) Serial Port (RS-232):

Connect the "cable assembly, modem-site" (P/N 634356) into header J3 (1b) and the DB-9 to the modem. Set S2 to "RS-232" position.



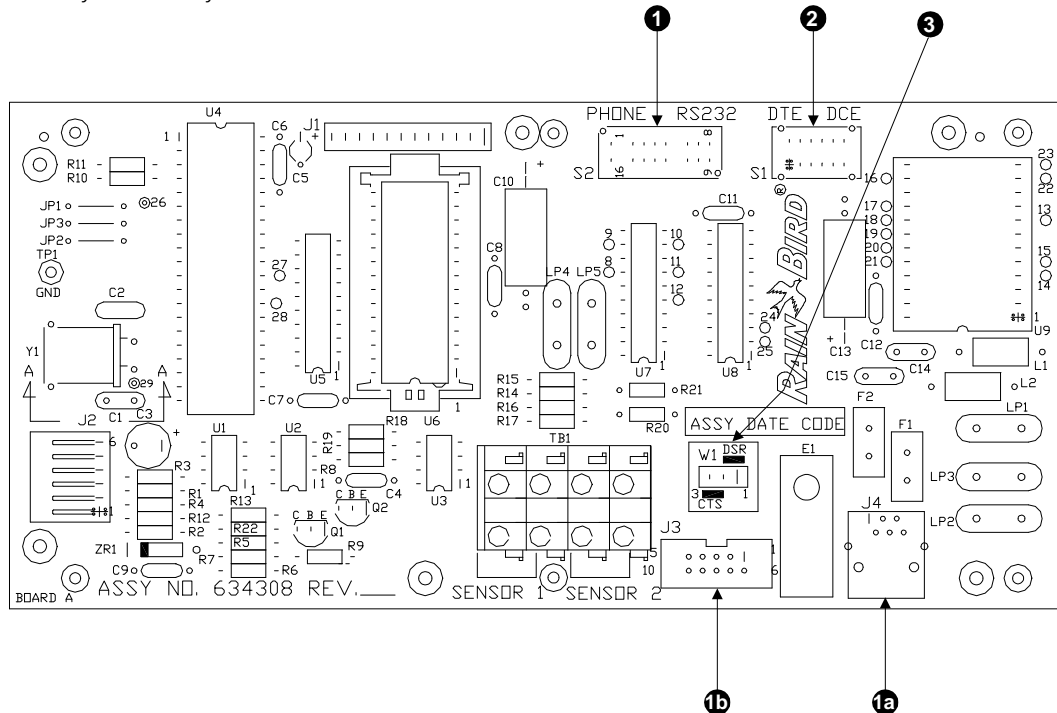
Do not set switch S2 in the center position; it must always be set fully left or right.

Important

^N If your controller is connected directly to the computer, or if you are using a short-haul modem (point to point), set the S1 switch to the DCE position.

If your communication line is connected to one of the non-hardwire or multi-drop short-haul modem options set the S1 switch to the DTE position.

^N Verify that the black, two-pronged W1 jumper is inserted in the "DSR" position. The W1 jumper in the "CTS" position is only necessary for trunk radio communication.



2. ESP-SITE SAT Operation

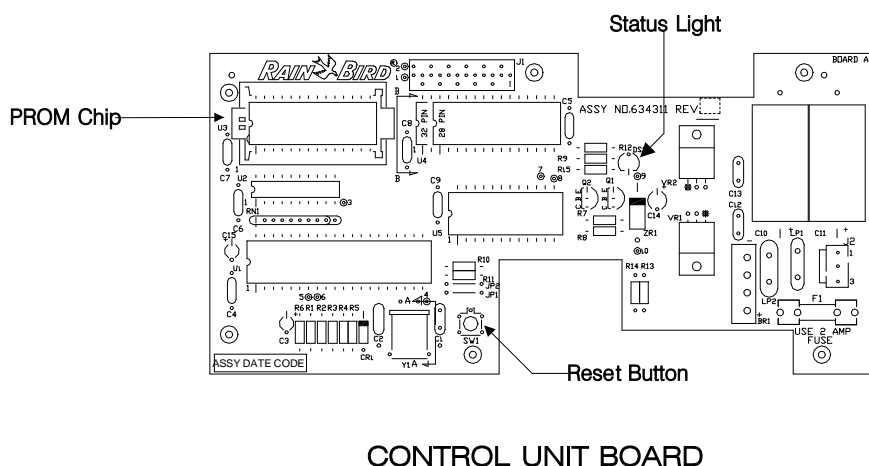
634482 Rev C

Status Light:

The status light on the ESP-SITE SAT Control Unit Board is an indicator that the ESP-SITE SAT is functioning correctly. The status light should always be blinking at one-second intervals. Refer to the troubleshooting section (Page 3) if the status light is not lit or is not blinking.

Reset Button

In addition to canceling active schedules at the ESP-SITE SAT, you can use the reset button to initialize the call handle of an ESP-SITE SAT when using a direct-connect communication method. Refer to your MAXICOM guide to operations for further information.



3. Device Connections

The ESP-SITE SAT has a maximum of 2 sensor inputs.

4. Changing the CCU's PROM Chip



- Before working with the circuit board, turn off all power to the Control Unit Board.
- Before working with the circuit board, make sure you are grounded and are working in a static-free environment. Static charges can damage the chips.
- Do not perform any operations on the circuit board unless advised to do so by an Authorized Rain Bird Service technician.

^N_u The PROM chip is located in the upper left corner of the Control Unit Board. It typically is labeled with a large white sticker.

^N_u The PROM chip rests inside a plastic cradle. Using the tabs at either end of PROM chip, gently wiggle the chip and lift it straight up until it comes free.

^N_u After removing the chip, notice that one end of chip has one vertical tab, while the other end has two vertical tabs. These tabs fit into corresponding grooves in the cradle.

☐^N_U To replace the PROM chip with a new chip, align the vertical tabs with the grooves in the cradle. The chip will not fit in the cradle if the chip is turned the wrong direction.

☐^N_U Gently press the chip into place.

5. Troubleshooting

^N_U Problem:

The ESP-SITE SAT "locks up" (The STATUS light doesn't blink, won't light up, or stays on all the time).

Solution:

Press the RESET button.

The STATUS light should start blinking, if the STATUS light still does not begin blinking in one-second intervals, see your Authorized Rain Bird MAXICOM Distributor.

☐^N_U Problem:

A MAXICOM feature appears to operate correctly at the computer but will not function when it is sent to the ESP-SITE SAT.

Solution:

Verify channel assignment on ESP-SITE SAT matches maximum PC channel assignments.

The ESP-SITE SAT has a maximum number of 6-channel assignments; you should not exceed this limit on the MAXICOM channel assignment.