

Skytech Beeping Receivers

There are two (2) reasons that a Skytech Remote Control Receiver will beep, with a pattern.

Thermo Safety & Communication Safety

1. **Thermo Safety**: (3) “BEEPS” every 4 seconds.

Feature is in all following remote control receivers: 1001D-AF1, 3301, 3301BE, 3301P, 3301P BE, 3301PF, 3301P2, 3324R, 5301, 5301P, 5301BE, TS/R-2A, TM/R-AF1, TS/R-AF1, CON1001, CON1001-TH, SR1001, SR1001-TH, RCAF-1, RCAF-3, RCAF-1020 RCAF-1035 and SMART-BATT-III have the thermistor (thermocouple) located on the circuit board in the receiver that is designed to set off a beeping signal when the ambient temperature inside the receiver case exceeds 130 deg. F. This is to protect the receiver from damage or melting.

- The **Thermo Safety** feature operates only when the remote is in the **ON/Thermo/Program/or Timer Modes**
- When the ambient temperature at the thermistor (thermocouple), inside the receiver case reaches 130 deg. F the thermistor will automatically shut the fireplace system down and the receiver will begin emitting a series of four (3) “beeps” every 4 seconds.
- When the ambient temperature at the thermistor (thermocouple), inside the receiver case cools down to between 130 deg. F to 120 deg. F the unit can be reset by turning the unit **OFF** then **ON** and the fireplace system will operate. However, the beeping will continue, if the ambient temperature remains between 120 deg. F and 130 deg. F.

To resolve a **Thermo Safety** beeping problem you should try the following.

- You should move the receiver completely out of the fireplace and on to the extended hearth (Temporarily) just to see if this resolves the beeping problem. If this works relocate the receiver to a better location.
- Try using a receiver shield (RS-1A or RS-2) this may solve the problem.

2. **Communication Safety**: Rapid “BEEPS” for a period of 10 seconds then single “BEEPS” every 4 seconds.

This function is build into the software of the following remote control receivers: 1001T/LCD-A, 1001TH-A, 1410T/LCD-A, 1410 TH-A, 1420T/LCD-A, 1420 TH-A, 3002, 3002P, 3301, 3301BE, 3301P, 3301P BE, 3301PF, 3301P2, 3324R, 5301, 5310, 5301BE, 5301P, CON-1001-1, CON-1001TH-1, SR1001-1, SR1001TH-1, SMART-STAT-III, SMART-BATT-III, RCT-MLT-III, RCTS-MLT-III, TS/R-2A, TS/R-AF1 and UN3 RX. It provides an extra margin of safety when the transmitter has been moved out of normal 20’ to 25’ operating range.

- The **Communication Safety** feature operates only when the remote is in the **ON/Thermo/Program/or Timer modes**.
- The transmitter (handheld unit) sends a RF signal to the receiver every (15) minutes indicating that the transmitter and batteries are still active. If the receiver does not receive this RF signal every (15) minutes, the IC software in the receiver will begin a **2-hour (120 minute)** countdown. During this **2-hour** period if the receiver does not receive a RF signal from the transmitter the receiver will shutdown the fireplace system and emit a series of rapid **beeps** for a period of (10) seconds, then will continue to emit a single beep every (4) seconds.

- To reset the receiver and operate the fireplace system, the ON or MODE button on the transmitter must be pressed to display the word **OFF** then **ON** this should reset the receiver and restart the fireplace.

To resolve a **Communication Safety** beeping problem, you should try the following.

- Check the quality of the receiver batteries, weak or old batteries effective the operating distance of the remote.
- Make sure the transmitter (Handheld unit) and receiver are within the normal 20' to 25' operating range.
- Check the location of the receiver that it is not located in an area that would prevent the RF signal from reaching the receiver. (Behind a metal door, close to 120-volt electrical wires, etc.)
- If all the above has been checked there may be a problem with the IC in the receiver. Contact Skytech Products Group @ 855.498.8324 or email support@skytechpg.com.