

ELECTRICAL

TESTING THE CALL/SEND TRANSMITTER

Soft Start Feature

The controller includes a *soft start* feature which causes a *short delay* between the time the rocker switch on the armrest is depressed and the initiation of carriage movement.

This is normal!

1. Using the rocker switch on the seat armrest, run the unit up and down the rail.

NOTE: The unit should travel noticeably faster going up than down.

2. Check for smooth operation and travel.
3. Now, using one of the remote call/send transmitters, run the unit up and down the rail.
4. Repeat Step 3 with the other transmitter.
5. Check for smooth operation and travel.

CIRCUIT BOARD DIAGNOSTICS

The circuit board provided on the SRE-2750 is equipped with (4) diagnostic modes that continuously monitor the unit's operation. This choice of operational modes allows the SRE-2750 to respond to the requirements of a wide variety of installations.

NOTE : The SRE-2750 is shipped in the MULTI-USER/DIAGNOSTIC MODE.

MULTI-USER/DIAGNOSTIC MODE

Provides full range of Audio diagnostic notices:

- ***Circuit Board Power Up:** Chirp
- ***Safety Device Activated:** Chirp
- ***Elevator Stopped Off Charge Bumper:** 5 Beeps (4 short and 1 long)
Repeats every 3 minutes until the Elevator is returned to the bumper.
- ***Seat Safety Disengaged:** Chirp repeats every 3 seconds until seat safety switch is re-engaged.
- ***Battery Voltage Drop:** 5 Beeps (3 short and 2 long)
Repeats every 4 minutes until seat safety switch is disengaged, the battery voltage increases, or the switch is pressed.
- ***Battery Voltage Critical:** 5 Beeps (2 short and 3 long)
Repeats once a minute until the voltage exceeds 16V or the switch is pressed.
- ***Switch Active During Power Up:** 2 Beeps / Pause / 5 Beeps (long beeps indicate which switches are active)
Repeats beeps every 5 seconds until all switches are off.
- ***More Than One Switch Active:** 2 Beeps / Pause / 5 Beeps (long beeps indicate which switches are active)
Repeats every 30 seconds until all switches are off.
- ***Transmitter ID Memory Full:** 3 Beeps (1 short and 2 long)

SINGLE-USER MODE

Provides the same audio diagnostic notices as the Multi-User/Diagnostic Mode, except for the Seat Safety Disengaged notice.

QUIET MODE

In the QUIET mode, none of the Audible Warning Messages is active.

BATTERY WARNINGS ONLY MODE

Provides battery audio diagnostic only.

- ***Elevator Stopped Off Charge Bumper:** 5 Beeps (4 short and 1 long)
Repeats every 3 minutes until Elevator is returned to the bumper.
- ***Battery Voltage Drop :** 5 Beeps (3 short and 2 long)
Repeats once every 4 minutes until the seat safety switch is disengaged or the battery voltage increases.
- ***Battery Voltage Critical:** 5 Beeps (2 short and 3 long)
Repeats once a minute until voltage is above 16 V.

CIRCUIT BOARD DIAGNOSTICS



NOTICE:

Before touching anything inside the carriage assembly, ground yourself by touching an unpainted metal surface on the unit such as an exposed bolt, or one of the mounting screws on the electrical panel. While you work, periodically touch an unpainted metal surface to dissipate any static electricity that could harm internal components.

AUDIO REFERENCE

Chirp	0.25 seconds
Short Beep	0.50 seconds
Long Beep	1.50 seconds
Pause	1.00 second

Changing the PCB Diagnostic Mode

1. Turn the circuit breaker on the carriage to `OFF`.
2. Remove the left carriage cover.
3. The unit is shipped in the Multi-User Diagnostic Mode. Changes are made via the Number 1 and Number 2 positions on the 4-Ganged DIP Switch.

4-GANGED DIP SWITCH

DIAGNOSTIC MODE	DIP SWITCH POSITION	
	#1	#2
Multi-User	OFF	OFF
Single-User	OFF	ON
Quiet	ON	OFF
Battery Warnings Only	ON	ON