PERS-4200 Personal Emergency Reporting System Quick Guide

PERS Console Operating Modes

Your PERS Console operates in three operating "modes". Each mode sets the Console to act differently to match your lifestyle at different times of the day.

In any of the three modes, the Console is always ready to report an emergency if you press the **HELP** button or activate one of your portable emergency sensors.

Home Mode

Home Mode is for when you are at home during the day. In Home Mode, the Console knows if your emergency sensors are present and ready to use. If a sensor does not regularly report to the Console, a trouble report can be sent to your monitoring service.

Away Mode

Away Mode is for when you are going to be away from home. In Away Mode, the Console knows that your portable emergency sensors might be away from the Console and will abstain from reporting any sensors that are missing. Console announcements and reminder messages are also suppressed in Away Mode.

Night Mode

Night Mode is for nighttime when you are sleeping or do not wish to be disturbed. In Night Mode, Console operates the same as in Home Mode except that announcements and reminder messages are suppressed.
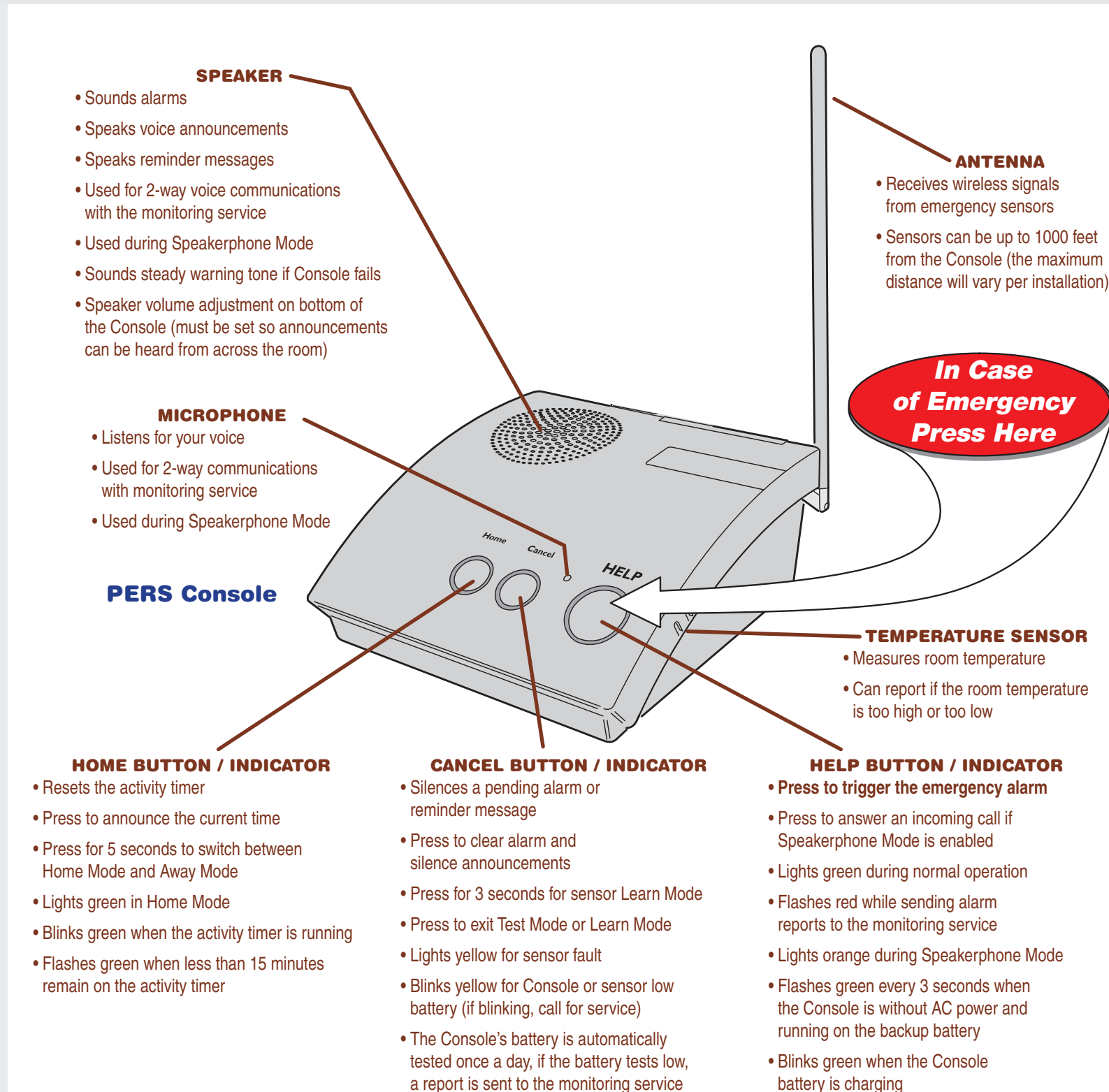
In Case of Emergency

If you need assistance, place a call to the monitoring service by pressing the **HELP** button on the Console or by activating one of your portable emergency sensors.

Remember, the portable emergency sensors send radio signals to the Console, and there is a limit to the maximum distance from the Console that the portable emergency sensors can be used.

Do not press **Cancel** before talking to the monitoring service dispatcher or your emergency call may be canceled.

The Console will announce "Emergency call being placed". When your monitoring service receives the call, they will verify the nature of your emergency and dispatch help for you. If the Console's 2-way communications are active, the Console will announce "Emergency reported, please stand by". The monitoring service can talk and listen to you to through the Console.

SPEAKER

- Sounds alarms
- Speaks voice announcements
- Speaks reminder messages
- Used for 2-way voice communications with the monitoring service
- Used during Speakerphone Mode
- Sounds steady warning tone if Console fails
- Speaker volume adjustment on bottom of the Console (must be set so announcements can be heard from across the room)

ANTENNA

- Receives wireless signals from emergency sensors
- Sensors can be up to 1000 feet from the Console (the maximum distance will vary per installation)

In Case of Emergency Press Here

MICROPHONE

- Listens for your voice
- Used for 2-way communications with monitoring service
- Used during Speakerphone Mode

PERS Console

TEMPERATURE SENSOR

- Measures room temperature
- Can report if the room temperature is too high or too low

HOME BUTTON / INDICATOR

- Resets the activity timer
- Press to announce the current time
- Press for 5 seconds to switch between Home Mode and Away Mode
- Lights green in Home Mode
- Blinks green when the activity timer is running
- Flashes green when less than 15 minutes remain on the activity timer

CANCEL BUTTON / INDICATOR

- Silences a pending alarm or reminder message
- Press to clear alarm and silence announcements
- Press for 3 seconds for sensor Learn Mode
- Press to exit Test Mode or Learn Mode
- Lights yellow for sensor fault
- Blinks yellow for Console or sensor low battery (if blinking, call for service)
- The Console's battery is automatically tested once a day, if the battery tests low, a report is sent to the monitoring service

HELP BUTTON / INDICATOR

- **Press to trigger the emergency alarm**
- Press to answer an incoming call if Speakerphone Mode is enabled
- Lights green during normal operation
- Flashes red while sending alarm reports to the monitoring service
- Lights orange during Speakerphone Mode
- Flashes green every 3 seconds when the Console is without AC power and running on the backup battery
- Blinks green when the Console battery is charging

Pendant Sensor
DXS-LRP

Wristband Sensor
DXS-LRC

Carbon Monoxide Sensor
DXS-80

Smoke Sensor
DXS-73

PERS Console Special Features

In addition to the three operating modes, your PERS Console contains several special features that can be turned on or off by your monitoring service.

Activity Timer

When the activity timer is on, you will need to press the **Home** button or activate a special sensor every day to prevent an automatic alarm from triggering. Your monitoring service can set one or two time periods that will be available to you to reset the activity timer. The activity timer is always off in Away Mode or Night Mode.

Activity time period #1: ___:___ AM or PM to ___:___ AM or PM

Activity time period #2: ___:___ AM or PM to ___:___ AM or PM

Smoke & Carbon Monoxide Detection

For increased protection, wireless smoke and carbon monoxide detectors can be setup as sensors with your PERS Console. In case of a dangerous fire or gas event, the sensor will sound its alarm and the Console's alarm, which can be reported to the monitoring service.

Reminder Messages

Five pre-recorded reminder messages can be announced by the Console at set dates and times. The messages can inform you when it's time for an appointment, your medicine, a ride, or to test your PERS system. One special message can also be set up as an alarm clock. Press **Cancel** to silence a reminder message.

Temperature Alarms

The Console contains a sensor that constantly monitors the room temperature. The system can report if the room temperature goes higher or lower that limits preset by your monitoring service.

High temperature limit:_____ Low temperature limit:_____

Speakerphone Mode

The Console can be set up to work as a hands-free speakerphone for incoming calls. Pressing the **HELP** button or activating an emergency sensor while the telephone is ringing will answer the call. Pressing **HELP** or activating an emergency sensor during the call will disconnect the caller.

Remote Call-in Speakerphone Mode

The Console can be set up to answer the phone and start the speakerphone automatically after the caller enters a 4-digit password. The caller can talk and listen to you through the Console's speaker and microphone.

PERS Console Alarm Priorities

Each type of alarm is assigned a priority. Higher priority alarms override lower priority alarms. Smoke alarms (on/off horn sound) have the highest priority, followed by carbon monoxide alarms (on/off buzz sound), emergency alarms (3 beeps sound), then other types of maintenance and reminder reports (various sounds).

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PERS-4200 System Functions

Activity Timer

The Console can check for lack of daily activity and automatically call the monitoring service.

(This is an option and may not be active on your system.)

Your monitoring service will set the time(s) of day that you will need to press the **Home** button.

WHEN THE ACTIVITY TIMER IS RUNNING

1. The green **Home** indicator will blink, showing that the activity timer is running. This signals you that it is time to press the **Home** button.

WHEN THE ACTIVITY TIMER IS RUNNING OUT OF TIME

2. When less than 15 minutes remain on the activity timer, the green **Home** indicator will flash and the Console announces "Activity Window Expiring" every 3 minutes.

RESETTING THE ACTIVITY TIMER TO PREVENT A CALL

3. You need to press the **Home** button or trigger an activity sensor *before* the timer expires to prevent an inactivity call to the monitoring service. (Optional)

Pressing the **Home** button again will cause the Console to announce the time, current Console mode, and and trouble conditions. (Optional)
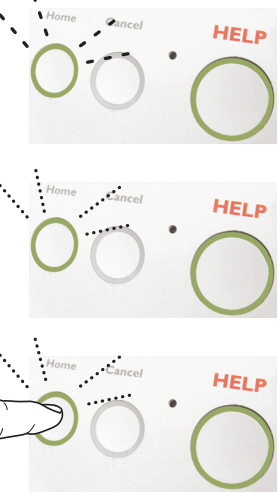
Speakerphone Mode

The Console can be used as a speakerphone.

(This is an option and may not be active on your system.)

NOTE: Speakerphone Mode can only be used on incoming calls and will not function when the Console is operating from battery backup power. Attempting to answer while the Console is on backup power will cause an emergency alarm.
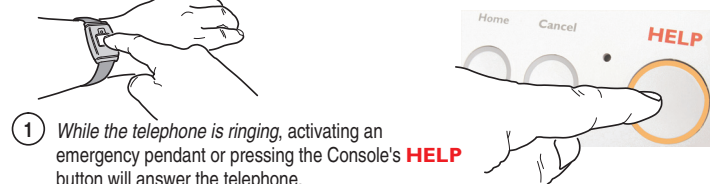
1. *While the telephone is ringing*, activating an emergency pendant or pressing the Console's **HELP** button will answer the telephone.

2. You can talk to the caller using the Console as a speakerphone. The **HELP** button will light orange while the speakerphone is on.

⚠ **WARNING: THE CONSOLE WILL NOT BE ABLE TO REPORT AN EMERGENCY WHILE THE SPEAKERPHONE IS ACTIVE**
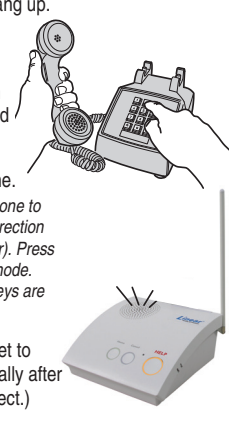
NOTE: TO REPORT AN EMERGENCY WHEN THE SPEAKERPHONE IS IN USE, PRESS EITHER THE HELP BUTTON OR A PENDANT BUTTON TO END THE PHONE CALL AND THEN PRESS ONE OF THESE BUTTONS AGAIN TO REPORT THE EMERGENCY.

3. When your call is finished, press the **HELP** button or press a pendant button to hang up the telephone. (The Console has a timer that will end the call automatically after a preset time.)

Remote Call-in Speakerphone Mode

Automatic Speakerphone Mode can be started by a caller.

(This is an option and may not be active on your system.)

1. Call the Console's telephone number, let it ring three times, then hang up.

2. Wait about 10 seconds, then call the Console a second time.

3. When the Console answers, a tone will sound for 8 seconds. When the tone ends enter the 4-digit password (1-2-3-4) or _____ followed by the "#" key. (You have 30 seconds to enter the password.)

4. Have a conversation through the Console's speaker and microphone.
NOTE: During the call, the caller can use the "1" and "3" keys on the telephone to switch from the automatic 2-way voice mode to manual control of the call direction (in case a loud room noise near the Console is preventing hearing the caller). Press "1" to talk, press "3" to listen. Press "8" to return to automatic 2-way voice mode. During manual control, the Console will disconnect after 90 seconds if no keys are pressed (warning beeps will sound 5 seconds prior to the disconnect).

5. When the call is finished, press "9" to disconnect. (In case you forget to disconnect, the Console has a timer that will end the call automatically after a preset time, warning beeps will sound 5 seconds prior to disconnect.)

⚠ **WARNING: THE CONSOLE WILL NOT BE ABLE TO REPORT AN EMERGENCY WHILE THE SPEAKERPHONE IS ACTIVE**

NOTE: TO REPORT AN EMERGENCY WHEN THE SPEAKERPHONE IS IN USE, PRESS EITHER THE HELP BUTTON OR A PENDANT BUTTON TO END THE PHONE CALL AND THEN PRESS ONE OF THESE BUTTONS AGAIN TO REPORT THE EMERGENCY.

Reminder Messages

The Console can announce messages to remind you of important events.

(This is an option and may not be active on your system.)

The Console can announce five different messages at preset dates and times. The messages, message options, and the times they will play are set by your monitoring service. The pre-recorded messages that the Console can play are:

"Attention, it is time to test your PERS. Please press your personal help button"
"Attention, it is time to take your medication. Please press the Cancel button"
"Attention, your ride will be here at [hour & minute AM/PM]. Please press the Cancel button"
"Attention, your appointment is at [hour & minute AM/PM]. Please press the Cancel button"
"Attention, alarm reminder. Please press the Cancel button"

1. When a reminder message plays, you will hear it from the Console's speaker.

2. The message can be set to repeat its announcement until it is cleared. It can repeat every 3 minutes for 15 or 30 minutes.

3. Most reminder messages are cleared by pressing the **Cancel** button. The system test message requires you to press your portable personal help button on your pendant or wristband sensor, then the monitoring service will confirm the test with you over the Console's speaker.

4. If a reminder message is not cleared, a report can be sent to the monitoring service so they can check up on you.

NOTE: Reminder messages will not play when the Console is in Away Mode

Testing Sensors

It's important to test your system weekly or when the automatic test reminder message plays.

⚠ **CAUTION: BEFORE TESTING YOURSELF, CALL THE MONITORING SERVICE TO NOTIFY THEM THAT YOU WILL BE TESTING**
*Testing should be done from all portable sensors and the Console.*

TESTING FROM A PORTABLE SENSOR

1. Press a portable sensor's button until the Console announces "Emergency call being placed".

2. The **HELP** button will blink red and the Console will repeat the announcement every 30 seconds until the message is reported to the monitoring service then the Console will announce "Emergency reported, please stand by".

3. Follow the instructions from the monitoring service dispatcher.

TESTING FROM THE CONSOLE

1. Press the Console's **HELP** button until the Console announces "Emergency call being placed".

2. The **HELP** button will blink red and the Console will repeat the announcement every 30 seconds until the message is reported to the monitoring service then the Console will announce "Emergency reported, please stand by".

3. Follow the instructions from the monitoring service dispatcher.
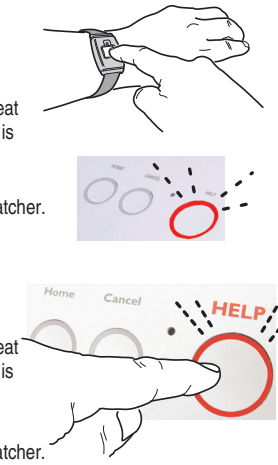
Adding One Sensor

Emergency sensors can be added to the Console one at a time using these steps:

⚠ **WARNING: THE CONSOLE WILL NOT BE ABLE TO REPORT AN EMERGENCY WHILE ADDING A SENSOR**

TO ADD A SENSOR

1. Press the **Cancel** button for 5 seconds.

2. The Console will announce "Ready to learn sensor, Zone [zone number 1-16]".

3. Activate the sensor by pressing its button.

4. The Console will announce "[Sensor type] sensor learned".

5. After the sensor has been added, the Console will resume normal operation and announce "Console ready".

NOTE: In case you need to exit at Step 3 without adding a sensor, press the Cancel button.

New Sensor
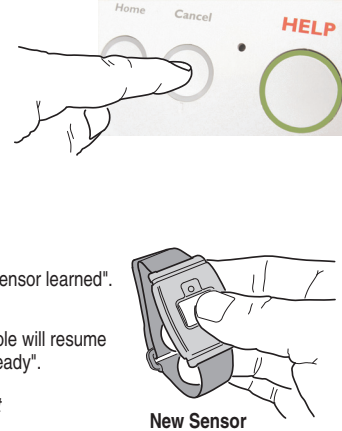
Sensor Fault Conditions

Sensors update the Console with their status.
(Status announcements will not sound while the Console is in Night Mode.)

SENSOR STATUS REPORTS
Sensors can be set by the monitoring service to regulary send their status to the Console. The regular status signals verify that the sensor is working properly. The length of time that missing status signals from a sensor cause a fault report is set by the monitoring service.

NOTE: Status reports are not monitored while the Console is in Away Mode

1. If the Console has not received status signals from a sensor, the yellow **Cancel** indicator will light and a report will be sent to the monitoring service. The Console may also be setup to announce the sensor trouble.

2. Press the **Cancel** button to silence the announcement and clear the indication.
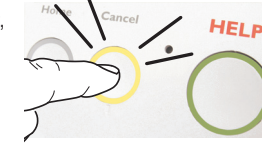
SENSOR LOW BATTERIES
Sensors are powered by batteries. Each sensor automatically checks its battery and if the battery is low the sensor will send a low battery signal to the Console.

1. If the Console receives a low battery signal from a sensor, the yellow **Cancel** indicator will blink and a report will be sent to the monitoring service. The Console may also be setup to announce the sensor trouble.

2. Press the **Cancel** button to silence the announcement and clear the indication.
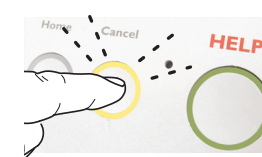
System Connections

The Console connects to power and the telephone.
(Your monitoring service will typically make these connections.)

PERS Console

Your telephone wall jack

Must be connected at all times *
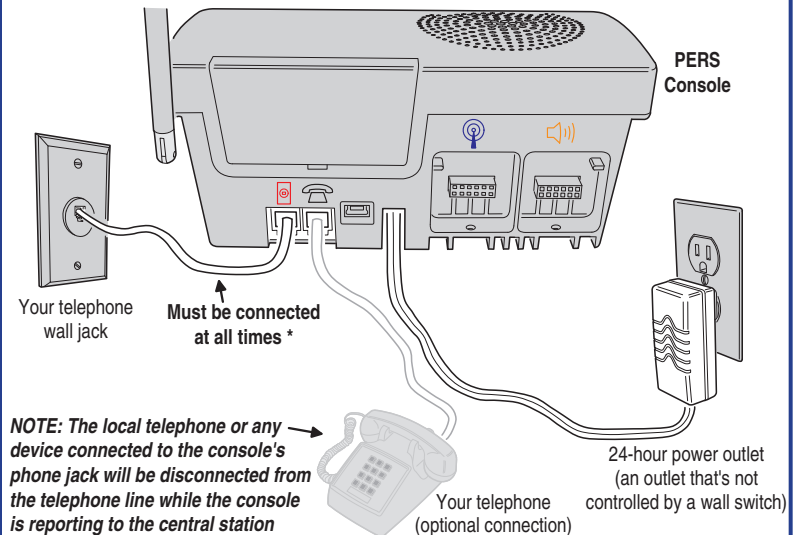
NOTE: The local telephone or any device connected to the console's phone jack will be disconnected from the telephone line while the console is reporting to the central station

Your telephone (optional connection)

24-hour power outlet (an outlet that's not controlled by a wall switch)

Testing Log

Each time the system is tested, write down the date.

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Important Installation Warnings

- Be sure and test your system weekly.
- Do not bring any electrical appliances or electrical noise generating devices (fluorescent lamps, motors, etc.) near the Console.
- Do not use ammonia, benzene, thinner, or similar solvents, or abrasive powder to clean the housing of the Console or Pendant. Clean by wiping with a damp, soft cloth.
- The Console should be kept free of dust and moisture.
- The Console should not be located where direct sunlight will shine on it.
- Avoid locating the Console in extremely hot or cold locations.

Service Information

For service, refer to the information below.

Your Monitoring Conpany:

Limited Warranty

This Linear product is warranted against defects in material and workmanship for twelve (12) months. This warranty extends only to wholesale customers who buy direct from Linear or through Linear's normal distribution channels. Linear does not warrant this product to consumers. Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any. **There are no obligations or liabilities on the part of Linear LLC for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation.** All implied warranties, including implied warranties for merchantability and implied warranties for fitness, are valid only until the warranty expires. **This Linear LLC Warranty is in lieu of all other warranties express or implied.**

All products returned for warranty service require a Return Product Authorization Number (RPA#). Contact Linear Technical Services at 1-800-421-1587 for an RPA# and other important details.

Important Wireless Information

Linear radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed.

- For U.S. installations only: The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such, they have limited transmitter power and therefore limited range.
- A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.
- Changes or modifications to the device may void FCC compliance.
- Infrequently used radio links should be tested regularly to protect against undetected interference or fault.
- A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

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