

PERS-3600B | Personal Emergency Reporting System



A Complete Emergency System For Comprehensive Care

The Linear PERS-3600B includes a built-in speakerphone and reminder message capability, providing a comprehensive Personal Emergency Reporting System.

PERS-3600B

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Building On Innovation.

Features and Functions



The PERS-3600B offers advanced capabilities as the hub of a wireless Personal Emergency Reporting System, and can be used with the full suite of Linear's DXS wireless personal transmitters and accessories. The table-top Console features a built-in speakerphone and digital communicator for reporting and two-way voice communication with the Central Monitoring Station. Advanced, full-duplex speakerphone circuitry provides superior two-way voice communication throughout the home.

Simple Operation

- **Pushbutton Emergency Assistance** – A button press on the Console or wireless transmitter automatically places a call to the Emergency Monitoring Center, staffed 24 hours a day by trained professionals. Operators then notify pre-selected contacts to respond in specific situations.
- **Multiple Zone Capability** – Capacity for up to 16 individual sensors. Can provide emergency reporting for multiple users, and/or household monitoring functions.
- **Silent Alarm and Alarm Tones** – Provides silent alarm capability (as panic button for domestic violence applications) and separate tones for emergency, fire and CO conditions.
- **Built-In Activity Timer** – Monitors household activity when turned on (system default is off). Set for 8, 12 or 24-hour operation, the emergency alarm will trigger automatically if the time set elapses before an activity transmitter is triggered, or before the Console's HOME button is pressed.
- **Flexible Reporting Options** – Console routes reports to any of three programmed telephone numbers, primary, secondary or supervisory.
- **Personal Wireless Transmitters** – Effective signal coverage extends throughout the house and outdoors

Extensive Audio Capability

- **Easy to Use Console** – Console speaks to the subscriber in clear, natural language during set-up and system operation.
- **Two-Way Voice Capability** – Users talk directly to Emergency Monitoring Center professionals via 2-way voice activated, 2-way manual, or 1-way, listen-only audio communications.
- **Remote Call-in Feature For Speakerphone Operation** – Subscriber can answer the phone with a pendant press. Family members or caregivers can also enter a PIN code to start a speakerphone call if the client can't reach their phone or pendant.
- **Reminder Messages** – Plays 15-second audio messages, recorded locally in a family member's voice, to remind subscribers to take medications, call someone, get ready for an appointment, etc.



Supervision and Test

- **Full System Auto Test** – The Console can be programmed to monitor all zones for proper operation, and can provide a periodic test report to the monitoring station on a 1, 7 or 30 day interval.
- **Transmitter Status Reporting & Supervision** – Optional status reporting mode allows the transmitter to be paired with zone supervision at the Console for automatic “sensor status trouble” reporting.
- **Console-Supervised Battery Recharging** – If the backup battery becomes low, the POWER light will flash and the condition can be reported to the central station.
- **Transmitter Low Battery Monitoring** – Under normal operating conditions, the transmitter detects low battery voltage and provides a status report to its console.

Effortless Installation

- **Easy Installation and Programming** – Set up is made easy by Linear’s RA-2400 remote access software.
- **Tested for Reliability** – UL listed as Home Healthcare Signaling Equipment per Standard 1637.

Options For Expanded Utility

Installation and use of a variety of optional equipment broadens the PERS-2400B’s utility.

Smoke Detector

- The DXS-73 Supervised Photoelectric Smoke Detector will sound a loud alarm when smoke is detected, Twenty seconds after the local alarm sounds, the built-in transmitter sends a digitally coded wireless signal to the PERS console. The wireless signal will be repeated every 20 seconds as long as smoke is still present.

Carbon Monoxide Detector

- The DXS-80 Carbon Monoxide Detector will initiate an automatic call to the Emergency Monitoring Center. Warning tones will be sounded by the console and the detectors will alert the subscriber, even during sleep.










Versatile personal transmitters can be worn as a pendant, wrist band or clipped to a belt or pocket.



Compatible Supervised Stationary Transmitters

MODEL	PRODUCT NUMBER	DESCRIPTION	
	DXS-31	SST00073	Supervised Universal Door/Window Transmitter (for emergency and inactivity reporting) Supervised Universal Door/Window transmitter with built-in magnetic switch, accepts N/O or N/C external devices, supervised for low battery and sends hourly status signals
	DXS-32	SST00100	Supervised Miniature Door/Window Transmitter Supervised miniature Door/Window transmitter with built-in magnetic switch, supervised for low battery and sends hourly status signals
	DXS-54	SST00074	Supervised Passive Infrared Motion Detector (for inactivity reporting) Supervised passive infrared motion sensor with built-in transmitter, supervised for low battery and sends hourly status signals
	DXS-73	SST00113	Supervised Photoelectric Smoke Detector Supervised photoelectric smoke detector with built-in transmitter, supervised for low battery and sends hourly status signals
	DXS-80	SST00116	Supervised Carbon Monoxide Detector Transmitter Supervised carbon monoxide (CO) detector with built-in transmitter, supervised for low battery and sends hourly status signals

Available Models and Accessories



MODEL	PRODUCT NUMBER	DESCRIPTION
PERS-3600B	SSC00062B	Personal Emergency Reporting System Supervised emergency reporting system receiver/control, monitors up to 16 transmitters, can be manually activated, activity timer option, two-way voice option, point-ID reporting allows multiple subscribers



RJ-ADAPT	AAE00435	RJ-31X Telephone Adapter RJ-31X adapter for PERS-3600B Console
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RSM-1	CAE00191	Remote Speaker/Microphone External Remote Speaker / Microphone kit for Two-Way voice for the PERS-2400B or PERS-3600B, comes in an attractive plastic case that houses an 8-ohm speaker and microphone, unit can be tabletop or wall mounted
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Compatible Supervised Portable Transmitters (DXS Format)



MODEL	PRODUCT NUMBER	DESCRIPTION
DXS-62A	SST00090A	Supervised 1-Button, 1-Channel Water-Resistant Wristband/Pendant Transmitter Miniature one button, one-channel, water-resistant, supervised transmitter designed for use in emergency applications, includes adjustable lanyard with breakaway release, wrist band and belt/pocket clip, visual activation indicator.



DXS-64	SST00112	Supervised 1-Button, 1 Channel Pendant Transmitter Pendant style water-resistant transmitter designed for use in emergency applications, includes adjustable lanyard with breakaway release, visual activation indicator
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DXS-LRW	SST00123	Supervised 1-Button, Long-Range Wristwatch Transmitter Wrist version of the LR transmitter series, designed for use in emergency applications. Updated design, shock and water-resistant*, supervised transmitter with improved transmission range and two-color visual activation indicator. Capable of field enrolling with compatible panels and consoles.
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DXS-LRP	SST00122 (White) SST00126 (Black)	Supervised 1-Button, Long-Range Pendant Transmitter Pendant version of the LR transmitter series, with performance features as listed in the DXS-LRW. Product is provided factory pre-assembled on an adjustable lanyard with a breakaway release. <i>* LR Transmitters - water resistant up to 30 minutes at a depth of three feet</i>
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DXS-65	SST00121	Supervised Emergency Alarm Transmitter Supervised emergency transmitter with large HELP button, LED transmission indicator, for wall mounting or tabletop use, extra blank aqua button included
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Specifications

RADIO

Transmitter Capacity: 16 DX or DXS devices

Operating Frequency: 315 MHz

RF Format: Linear DX, DXS

Receiver Type: Dual diversity, superheterodyne

RF Programming Method: Linear quick-learn

COMMUNICATIONS

Communicator Formats: Contact ID and 4 x 2 (General or Point-to-Point), ADEMCO Contact ID

Dialing Method: Pulse or tone dialing formats, field-enabled

Communicator Reports:

- a. All transmitter alarms
- b. All transmitter trouble
 - Supervisory
 - Low battery
- c. All inactivity alarm reports
- d. AC power failure
- e. AC power restored
- f. Console low battery
- g. Console emergency alarm

CONSOLE

Controls:

- a. **HELP:** Large round button with multiple actuation points, Braille characters
- b. **CLEAR:** Momentary for system reset, call cancellation
- c. **HOME:** Momentary to reset timer or press and hold for 5 seconds to disable the function
- d. **POWER SWITCH:** Controls 120 VAC source, as well as the backup battery

Indicators:

Four LEDs (POWER, STATUS, SENDING, HOME)

Connections:

- a. In and out telephone jacks
- b. External speaker, dialer output, and dialer power terminals

Outputs: One form "C" relay output activated upon initiation of any alarm condition

Programming Method: Via RA-2400 remote access software

Inactivity Timer: Software programmable for 8, 12, or 24 hour cycles

Silent Alarm Feature: Software programmable per channel

Delayed Alarm Feature: Software programmable per channel; delay time 15 or 30 minutes; note that an alarm will not be transmitted if alarming transmitter sends a restore signal to the console prior to delay timer timeout

Selectable Two-Way Voice Activation: Software programmable per channel

Speakerphone Option: Software programmable; call duration time selectable for 15, 30, or 60 minutes

Pulse/Tone Dialing: Software or console programmable

Audible Output: Integral siren

Output Tones: Distinct alarm tones provided for emergency and fire alarm conditions; provisions for timer reset tone also incorporated into system

Dimensions: 9.00 in L x 5.50 in W x 5.00 in H (228 x 137 x 76 mm)

Backup Battery: Recommended battery is 12V, 1.2 amp-hour; Linear part number 100104

Backup Period: 30 hours minimum

Accessories:

Optional RSM-1 Remote Speaker/Microphone
Listing: UL per Standard 1637, Home Healthcare Signaling Equipment

Listing: UL per Standard 1637, Home Healthcare Signaling Equipment

Note: The optional RSM-1 is not UL-listed and is not intended to be used in a UL-listed PERS system.

For more information, please visit www.linearcorp.com. Specifications subject to change without notice.



UL1637 LISTED

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