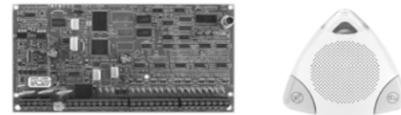


# DIGIPLEX EVO



## User Guide DGP-LSN4 DGP-SUB1

### PARADOX<sup>®</sup> SECURITY SYSTEMS

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## Overview

The Listen-In module allows users to access features previously unavailable.

- Access from an outside phone line.
  - Arm or disarm the system
  - Listen to what is happening inside the area through a substation
- Page other substations
  - Broadcast messages to all substations
  - Limit the communication between substations through installer settings and have substations be able to page a limited number of substations.
- Generate Panics straight from the substations
  - Generate panics of one of these three types: Police, Medical or Fire
  - Link different substations to different panic types, or have only a limited number of substations with the Panic option turned on
- Program personalized audio labels
- Hear system status updates
- Listen to background music

**Table 1: Glossary**

Two-way Communication:	Listen and talk on a substation.
Listen-In Communication:	Listen only on a substation.
Connection Levels:	The various menus used in phone interaction with the system.
Timed Interval:	The connection's 90 second duration.
Alarm Recorded Audio:	Option that allows the system to make an audio recording of surrounding sounds before and after the alarm. The duration is set by the installer.
User Menu:	A set of options divided into Arm/Disarm and Listen-In menus including audio listing to facilitate the navigation through the various options.
Monitoring Menus:	A set of menus divided into levels. No audio help is provided. This menu is recommended for advanced users or for monitoring stations.



Note that background noise can reduce the quality of the Alarm Recorded Audio. For that reason, if the siren is connected through the Listen-In module, and if the Continuous Recording and Siren Bypass options are enabled, no siren or messages will be heard during the Post-Alarm Recording period. This will ensure the maximum quality possible in the Alarm Recorded Audio.

## Listen-In Module Connection

Depending on your settings or if an answering machine is connected to the same phone line, the procedure may vary. The following instructions will use default values for the system.

## Connecting to the Listen-In module

1. Call the Listen-In module's phone line number, it will pick up after the number of rings determined at the installation. (Default 6 rings) If you have an answering machine connected on the phone line, let it ring between one and three times, wait 10 seconds then call back, the module will answer on the first ring.
2. Enter your [USER CODE] to establish a connection.
3. Select an option available to you. Refer to the appropriate tables, in either Monitoring or User menus sections to view the options available to you.



While all users can access Level 8 or the Arm/Disarm menu, each user will only be able to perform the functions that they are permitted as programmed in the system's control panel such as arming or disarming areas assigned to that user. Only users with access to the Listen-In features, as programmed in the Listen-In module, will have access to levels 0, 2 and 3 or to the Listen-In user menu.

## Monitoring Menus:

**Table 2: Connection Level 0**

Key	Action
[0]	Returns to initial session settings when an alarm is tripped (this includes the microphone and audio settings)
[#0]	Activates or deactivates the siren bypass relay (if the system siren is connected through the Listen-In module relay)
[1]	Activates high gain talk to the premises for all activated speakers
[2]	Activates two-way voice communication
[3]	Activates high gain listen-in from the premises for all activated microphones
[4]	Initiates a timed interval
[5]	Plays the last Alarm Recorded Audio or skip the next 10 seconds of recording when listening (if enabled).
[6]	Activates low gain listen-in from the premises for all activated microphones
[7]	Initiates a timed interval and plays an audio tone
[99] or [#9]	Terminates communication with the Listen-In module
[*]	Followed by [2] will take you to Level 2; followed by [3] will take you to Level 3; followed by [8] will take you to Level 8

**Table 3: Connection Level 2**

Key	Action
[0]	Activates two-way communication with all substations
[#0]	Activates or deactivates the siren bypass relay (if the system siren is connected through the Listen-In module relay)
[1]	Activates two-way communication with Substation 1 only
[2]	Activates two-way communication with Substation 2 only
[3]	Activates two-way communication with Substation 3 only
[4]	Activates two-way communication with Substation 4 only
[5] to [8]	Initiates a timed interval and play error message
[99] or [#9]	Terminates communication with the Listen-In module
[*]	Followed by [0] will take you to Level 0; followed by [3] will take you to Level 3; followed by [8] will take you to Level 8

**Table 4: Connection Level 3**

Key	Action
[0]	Activates Listen-In on all Substations (you can only listen)
[#0]	Activates or deactivates the siren bypass relay (if the system siren is connected through the Listen-In module relay)
[1]	Activates Listen-In on Substation 1 only
[2]	Activates Listen-In on Substation 2 only
[3]	Activates Listen-In on Substation 3 only
[4]	Activates Listen-In on Substation 4 only
[5] to [8]	Initiates a timed interval and play error message
[99] or [#9]	Terminates communication with the Listen-In module
[*]	Followed by [0] will take you to Level 0; followed by [2] will take you to Level 2; followed by [8] will take you to Level 8

**Table 5: Connection Level 8**

Key	Action
[00] or [0]	Arms or disarms all Areas in the system (assigned to this user)
[#0]	Activates or deactivates the siren bypass relay (if the system siren is connected through the Listen-In module relay)
[01] or [1]	Arms or disarms Area 1 of the system
[02] or [2]	Arms or disarms Area 2 of the system
[03] or [3]	Arms or disarms Area 3 of the system
[04] or [4]	Arms or disarms Area 4 of the system
[05] or [5]	Arms or disarms Area 5 of the system
[06] or [6]	Arms or disarms Area 6 of the system
[07] or [7]	Arms or disarms Area 7 of the system
[08] or [8]	Arms or disarms Area 8 of the system
[99] or [#9]	Terminates communication with the Listen-In module
[*]	Followed by [0] will take you to Level 0; followed by [2] will take you to Level 2; followed by [3] will take you to Level 3

## User Menus:

**Table 6: Listen-In**

Key	Action
[1]	Activates Listen-In on Substation 1
[2]	Activates Listen-In on Substation 2
[3]	Activates Listen-In on Substation 3
[4]	Activates Listen-In on Substation 4
[5]	Activates Listen-In on all Substations
[6]	Plays the Alarm Recorded Audio or skip the next 10 seconds of recording when listening (if enabled).
[7]	Toggle between Listen-In and Two-Way Communication
[8]	Toggle between high and normal phone volume
[9]	Toggle between high and normal on-site speaker volume
[*]	Switches to Arm/Disarm menu
[#][#]	End communication
[#][0]	Activates or deactivates the siren bypass relay (if the system siren is connected through the Listen-In module relay)
[0]	Stop and restart menu options

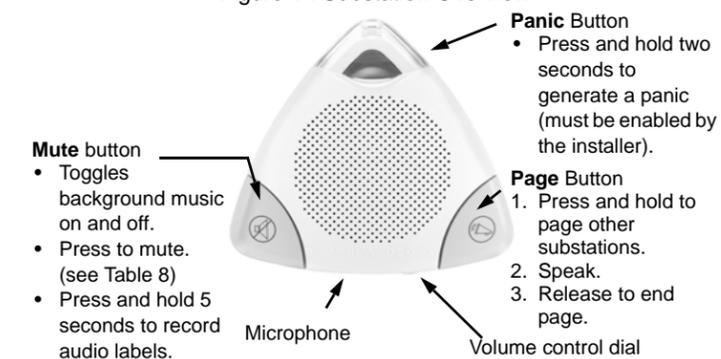
**Table 7: Arm/Disarm**

Key	Action
[1]	Arms or disarms Area 1 of the system
[2]	Arms or disarms Area 2 of the system
[3]	Arms or disarms Area 3 of the system
[4]	Arms or disarms Area 4 of the system
[5]	Arms or disarms Area 5 of the system
[6]	Arms or disarms Area 6 of the system
[7]	Arms or disarms Area 7 of the system
[8]	Arms or disarms Area 8 of the system
[0]	Arms or disarms the entire systems
[*]	Switches to Listen-In menu
[#][#]	End communication
[#]0	Activates or deactivates the siren bypass relay (if the system siren is connected through the Listen-In module relay)

## Substation Features

There are three buttons on each Listen-In substation, one at each corner of the triangle (see Figure 1). At the bottom of the substation is a volume dial that can be used to adjust audio volume.

**Figure 1: Substation Overview**



In order to use any of the buttons on the Listen-In Substation, the anti-tamper switch (located on the inside back of the substation) must be held closed, regardless of whether the anti-tamper switch has been disabled by the installer.

## Panic Button Options

The Panic button is located at the top of the triangle (see Figure 1). To generate a panic, press and hold the Panic button for two seconds (the red LED will glow brighter when it is pressed). When a Panic is generated, the substation will inform you that a panic has been generated (only if the Panic audible feedback feature has been enabled by the installer). Only one panic can be generated within a 20 second period per sub-station. If you press the Panic button for a second time after 20 seconds has elapsed, a second panic will be generated.

Each of the four Listen-In substations can be programmed to either generate one type of panics (police, medical or fire). By default, the Panic option is OFF and must be enabled by your installer.



## Mute Button Functions

The Mute button mutes the substation as well as controls the background music. It is located on the bottom left corner of the Listen-In substation (see Figure 1). By default, the background music is OFF.



The music's source must be connected to the RCA connector on the Listen-In module in order for the background music to be heard on any of the Listen-In substations.

**Table 8: Mute Button Functionality.**

If the music is:	
<b>ON</b>	To turn OFF: Press Mute once. To mute: Press Mute twice within 5 seconds.
<b>OFF</b>	To turn ON: Press Mute once. To mute: Press Mute three times within 5 seconds.
<b>Muted (Red LED on)</b>	To turn ON: Press Mute once. To turn OFF: Press Mute twice within 5 seconds.



If the Background Music Input is disabled, the mute button will only toggle the Mute option.

## Recording Audio Labels

Use the Mute button to record audio labels for the system, all eight areas and eight users. To record new labels for an area or user, press and hold the Mute button for 5 seconds. Follow the voice prompts to modify the labels.



## Page Button Functions

Use the Page button to send a page from one substation to any of the other three substations (depending on how the page options are programmed by the installer). The Page button is located on the bottom right corner of the Listen-In substation, to the right of the volume control dial (see Figure 1).



The page function will be disabled during Listen-In mode, Installer programming or when an audio message is played.

To initiate a page, press and hold the Page button. You will hear two beeps and the Page button LED will glow brighter. Speak into the Listen-In substation's microphone. When you are done, end the page by releasing the Page button. If this is not done, the page will end automatically after 4 minutes.