

This document provides instructions on how to program and operate the Telecor NC2-D3 Duty Station¹. This guide is organized into the following sections:

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A. Description of the Duty Station

In the Nurse Courier 3 Communication System, the NC2-D3 Duty Station is designed to provide visual and audio indication that a call has been placed to the Console.

When a Room Station places a call, the Duty Station lights up the respective LED and sounds a unique tone to identify the call type (Urgency Levels 1, 2 or 3). This will alert nearby staff of the placed call. As soon as additional calls are placed or cancelled, the Duty Station changes its status to display the highest priority call.

A tone sounding at the Duty Station can be silenced. When a new call has been placed, the tone will automatically be reactivated. In addition, the volume level and repeat interval of the tone can be set at the Duty Station. For instructions on how to do this, please refer to *Section B, “How to Program the Duty Station.”*



¹ For instructions on how to install the station, please refer to the *Nurse Courier 3 Installation Manual*.

B. How to Program the Duty Station

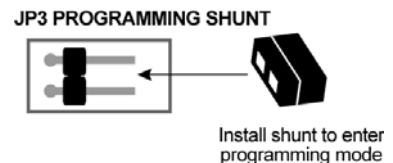
The NC2-D3 Duty Station allows you to carry out programming on the actual station. To enter programming mode, all you have to do is install a shunt on the station (**shunt provided**).

NOTE: Do not install the shunt unless the Duty Station is *idle* (no calls are registering at the station).

Once in programming mode, you can proceed to program the *volume level* and *repeat interval* of the Duty Station's tone.

To install the shunt:

1. Locate **JP3** on the rear of the Duty Station.
2. Install the shunt onto the two **JP3** pins.
 - A tone sounds to indicate that you can program the volume level of the tone.



To change the volume level of the tone:

1. Listen to the tone that is sounding at the Duty Station.
2. Press the **Tone Silence** button repeatedly until you hear the desired volume level for the tone. Each time you press the button, the volume level of the tone changes (7 volume levels are available).

TIP:

To move back and forth from the Volume Level Field (listen for the tone) to the Repeat Interval Field (no tone), press and hold down the **Tone Silence** button for 3 seconds.

Volume Level Indication

SETTING #	LED PATTERN	VOLUME LEVEL
1	VOLUME LEVEL <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	Level 1 (Minimum)
2	VOLUME LEVEL <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3	Level 2
3	VOLUME LEVEL <input checked="" type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3	Level 3
4	VOLUME LEVEL <input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3	Level 4
5	VOLUME LEVEL <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3	Level 5
6	VOLUME LEVEL <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input checked="" type="radio"/> 3	Level 6

SETTING #	LED PATTERN	VOLUME LEVEL
7	<p>VOLUME LEVEL</p> <p><input checked="" type="radio"/> 1</p> <p><input type="radio"/> 2</p> <p><input type="radio"/> 3</p>	<p>Level 7 (Maximum)</p>

To change the repeat interval of the tone:

1. Press and hold down the **Tone Silence** button until the tone turns off.
2. Press the **Tone Silence** button to select the desired repeat interval for the tone. Each time you press the button, specific LED's will light up to indicate the type of repeat interval you are selecting (7 repeat intervals are available).

Refer to the subsequent chart for a list of repeat intervals available on the Duty Station and their respective LED patterns.

Tone Repeat Intervals

SETTING #	LED PATTERN	REPEAT INTERVAL
1	<p>URGENCY LEVEL</p> <p><input checked="" type="radio"/> 1</p> <p><input type="radio"/> 2</p> <p><input type="radio"/> 3</p>	<p>Default</p> <p>If no repeat interval is selected, the Duty Station will use the <i>default</i> repeat interval, which will be based on tone types. <i>Tone types</i> have pre-programmed repeat intervals, which are assigned to the different call types in the system.</p>
2	<p>URGENCY LEVEL</p> <p><input type="radio"/> 1</p> <p><input checked="" type="radio"/> 2</p> <p><input type="radio"/> 3</p>	<p>10 seconds</p>
3	<p>URGENCY LEVEL</p> <p><input checked="" type="radio"/> 1</p> <p><input checked="" type="radio"/> 2</p> <p><input type="radio"/> 3</p>	<p>15 seconds</p>

SETTING #	LED PATTERN	REPEAT INTERVAL
4	URGENCY LEVEL <input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3	20 seconds
5	URGENCY LEVEL <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3	30 seconds
6	URGENCY LEVEL <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input checked="" type="radio"/> 3	120 seconds
7	URGENCY LEVEL <input checked="" type="radio"/> 1 <input checked="" type="radio"/> 2 <input checked="" type="radio"/> 3	Continuous Every second

To save your changes:

1. Press and hold down the **Tone Silence** button until the tone is heard again.
 - Changes to the volume level/repeat interval have been saved.

To exit programming mode:

1. Remove the shunt from **JP3** on the Duty Station.
 - The Duty Station returns to operating mode.

C. How to Operate the Duty Station

When a Room Station places a call to the Console, the Duty Station will light up the respective LED and sound a unique tone to identify the call type.

To silence the tone:

1. Press the **Tone Silence** button.
 - The tone is silenced.

D. How the Duty Station Operates in the System

When a tone has been silenced, a new call will reactivate the tone. The highest priority calls will register first at the Duty Station; lower priority calls will not register at the Duty Station until the higher priority calls have been cleared or answered in the system.

If the Duty Station is operating with a **Dome Light**, the Duty Station's LED patterns will correspond to the Dome Light's lamp patterns.

- | URGENCY LEVEL | |
|---------------|--|
| ● 1 | The Duty Station also supports Room Station Call Line Failure Notification . When in operating mode, this is indicated by three illuminated LED's. The notification registers at the Duty Station with a low priority designation (higher priority calls will still register first). In addition, the Console's LCD display will indicate "Call Line Failure", along with the Room number and name. |
| ● 2 | |
| ● 3 | |

Room Station Call
Line Failure
Notification

E. How to Find out the Duty Station's Firmware Version

When the NC2-D3 Duty Station is powered on (by turning on the T3-NC3 Nurse Courier Controller), the station's front panel LED's will blink to indicate the firmware version. The **Urgency Level 1 LED** will indicate a Major Version and the **Urgency Level 2 LED** will indicate a Minor Version.

The version number will be represented by the number of times the LED blinks (each time it blinks, the LED will be on for half a second). For example, to display Firmware Version 1.0, the **Urgency Level 1 LED** will blink once (to represent Major Version 1), and the **Urgency Level 2 LED** will not blink (to represent Minor Version 0).



APPENDIX 1. System Call Types & Duty Station Signals

Every call type has a designated priority level in the Nurse Courier 3 System. When a call is placed on a Room Station, the associated Duty Station will light up the respective LED and sound a unique tone to identify the call type. The chart below lists all system call types, starting from the *highest* to the *lowest* priority.

CALL TYPE	DUTY STATION SIGNAL (LED)
Code Call	Urgency Levels 3, 2, and 1 flash in sequence repeatedly
Staff Assist (Priority Overtime)	Urgency Levels 1 and 3 flash
Staff Assist (Overtime)	Urgency Levels 1 and 3 flash
Staff Assist (Priority)	Urgency Level 1 flashes
Staff Assist	Urgency Level 1 flashes
Emergency (Priority Overtime)	Urgency Levels 2 and 3 flash
Emergency (Overtime)	Urgency Levels 2 and 3 flash
Emergency (Priority)	Urgency Level 2 flashes
Emergency	Urgency Level 2 flashes
Bath (Overtime)	Urgency Levels 2 and 3 flash
Bath	Urgency Level 2 flashes
Room Intercom Station Alarm (Priority Overtime)	Urgency Level 2 flashes; 1 illuminates solid
Room Intercom Station Alarm (Overtime)	Urgency Level 2 flashes; 1 illuminates solid
Room Intercom Station (Alarm Priority)	Urgency Level 2 blinks slowly; 1 illuminates solid
Room Intercom Station (Alarm)	Urgency Levels 1 and 2 illuminate solid

Room Intercom Station (Cord Out Overtime)	Urgency Level 2 flashes
Staff Station (Priority Overtime)	Urgency Level 3 flashes
Room Intercom Station (Priority Overtime)	Urgency Level 3 flashes
Staff Station (Normal Overtime)	Urgency Level 3 flashes
Room Intercom Station (Normal Overtime)	Urgency Level 3 flashes
Room Intercom Station (Cord Out)	Urgency Level 2 illuminates solid
Staff Station (Priority)	Urgency Level 3 blinks slowly
Room Intercom Station (Priority)	Urgency Level 3 blinks slowly
Staff Station (Normal)	Urgency Level 3 illuminates solid
Room Intercom Station (Normal)	Urgency Level 3 illuminates solid
Room Station Call Line Failure	Urgency Levels 3, 2 and 1 illuminate solid

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