Wireless Companion Unit (RG2)

User Instructions

Ramblegard
stay a step ahead

The Companion Wireless Monitor (RG2) is more than just a bed monitor – it is a room controller unit in a streamlined falls management program.

Now capable of storing up to nine wireless devices in its memory. When a caregiver attends an alarm, LED indicators on the monitor face will show which device triggered the alarm, along with the call type or fault indication to make clear what action should be taken.

A new pause feature allows patients to be removed from bed without triggering an active alarm whilst a caregiver tends to the patient. The monitor will transmit pause and reset signals to a central monitor display, forward calls to caregiver alert pagers.

1. Set-Up

1.1 Open battery case and insert 3 x AA alkaline batteries.

1.2 Select alarm tone, alarm delay setting, and adjust volume to desired level by using the switches and wheel inside the battery compartment.

1.3 Put on the protective rubber edge to protect the monitor from impact on the edge of the casing.

1.4 Add wireless devices and configure settings (see programming section for details).

1.5 Mount monitor using the plastic bracket or strap.

1.6 Always test the monitor before putting into use with a patient.

2. Programming

2.1 Device Pairing

To enter device pairing mode, hold PROGRAM + RESET for ~2 seconds. This menu is used to pair wireless devices with the RG2 monitor.

When t=0, 1 or 3, the monitor will beep and display "01"
• Holding PAUSE for ~3 seconds will check whether any devices are already stored in memory. The RG2 monitor will show the display ID along with LED indication of the device type that has been paired.
• Press PAUSE to adjust the tens digit and reset to adjust the unit's digit to choose the two-digit number you would like the monitor to display during an alarm.
• Activate a sensor pad or other wireless device to add into the monitor memory.
- If a sensor pad has been added to the selected memory slot, the PAD LED will turn on.
- If a call button or pendant has been added to the selected memory slot, the CALL LED will turn on.
• Several devices can be programmed into the same display ID, or a new ID can be selected if there are multiple beds in a ward to cover with one monitor.
• Hold RESET for ~3s to delete any devices from the selected memory slot.
- The PAD and/or CALL LED will turn off to confirm the slot is now empty.
• All devices can be cleared from the monitor memory by holding PROGRAM and RESET for 5 seconds.

When t=2 the monitor will beep and display "d0" when no devices are paired, or "dX" where "X" shows the number of devices that are stored in memory. This setting will make the monitor and any devices paired with it into a "kit" that can be moved together around a ward as needed. The display ID will be selected or adjusted when syncing with a RG43 panel (refer to Section 2.4 below).

• Hold RESET for ~3 Seconds to delete the existing devices paired with the monitor.
• Activate a sensor pad or other wireless device to add into the monitor memory.
• The monitor will beep and "dX" will increment to confirm the device has been stored.
• Activate additional devices as needed (maximum 9).
• Press PROGRAM again to exit device pairing mode.

2. Programming (cont.)

2.2 Monitor Settings

Monitor settings can be adjusted by holding PROGRAM + PAUSE for ~2s. These include the transmitter setting (t-setting), area code (A-setting), pager code (C-setting), and pause setting (P-setting). Use PAUSE to change between "t", "A", "C", and "P"; and RESET to adjust the setting.

Transmitter: this should be adjusted based on whether the monitor is used by itself, with a pager, or as a room controller of a larger fall management system.

Set t =	Monitor Transmission Setting
0	OFF - use to save battery, cannot silence alarms Signal Lost triggers at 15min. This is the factory default setting, and should be used if the monitor does not need to signal other devices. Silent alarm available if connected to nurse-call.
1	Monitor will forward alarms to a RG41 Jill pager. Silent alarm available. Signal lost triggers at 15 minutes.
2	Signals pause/reset to RG43 panel. Silent alarm available. Signal lost is disabled on RG2 monitor. Use this setting when all devices programmed to the monitor share the same display ID, monitor will be moved as a "kit".
3	Signals pause/reset to RG43 panel. Silent alarm available. Signal lost is disabled on RG2 monitor. Use this setting when devices are programmed to more than one display ID Monitor cannot be moved as a "kit".
4	Signals pause/reset. Silent alarm available. Signal lost is disabled on RG2 monitor.

2. Programming (cont.)

Area Code: (selectable from 0-7) – use this setting if you have multiple systems operating in a building. It ensures your monitor and panel only show alarm details from their own area. A setting of "0" will accept all codes. Other settings only need to match the devices used in the same area.

Pager Code: (selectable from 0-9) – use this setting if you have multiple systems operating in a building. It has a similar function as the area code but applies to devices receiving a paging signal. If you want to filter alarms from nearby wards, set a paging code on the RG41 Jill pager and match this on the RG2 monitor or RG43 panel.

Set p =	Pause Setting
0	The monitor can be both paused and put to sleep
1	The monitor can be paused, but cannot be put to sleep
2	The monitor cannot be paused or put to sleep

2.3 Auto-Programming

To use an RG2 monitor as a bumper to a RG41 Jill Pager unit:
- Enter monitor settings on the RG2 monitor by holding PROGRAM + PAUSE
- Set t=1 to forward call and reset signals
- Set the C-setting to match your pager unit if you need to filter alarms.
- Exit settings.
- Enter monitor pairing on the RG2 monitor by holding PROGRAM + RESET.
- Enter programming mode on the RG41 Jill pager:
- Check that dS=OFF, so unit does not receive directly from the wireless pad.
- Set the C-setting to match your monitor if you need to filter alarms.
- Exit programming.
- Add devices to the numbers you would like to display during alarm.
- Exit devices pairing.

2. Programming (cont.)

2.4 Using the Room Controllers with Central Monitor Display

To use an RG2 monitor as a room controller with a RG43 panel display:
- • Check settings on the RG2 monitor by holding PROGRAM + PAUSE
- - Set t=2/3 to forward pause & reset signals to RG43 panel
- - Set an Area code if needed. This will need to match the setting on the RG43 panel
- - Exit settings mode on RG2 monitor by pressing PROGRAM
- • Enter pairing mode on the RG2 Monitor by holding PROGRAM + RESET
- - Add sensor pads, call buttons, or other devices as necessary
- - Exit pairing mode on RG2 monitor by pressing PROGRAM
- • To sync the RG2 monitor and RG43 panel display:
- - Press PROGRAM on RG2 monitor:

>   If t=2 first select/change the display ID using the PAUSE and RESET buttons.
>   If t=3 the display will show [AP] to indicate it is
>   ready for auto-programming.

- - Hold PROGRAM + REVIEW on RG43 panel to trigger the upload of display information from the RG2 monitor.
- • RG2 monitor will show the number of devices being uploaded, and RG43 panel will show the display ID. Both devices will then automatically exit auto-programming.

3. Operation

The RG2 monitor will accept alarm signals from devices that have been entered into its memory. When an alarm is triggered it will display a device ID (01-99), the device type LED will flash (Pad or Call) and sound an audible alarm (unless set to silent while connected to a nurse call or call forward feature is enabled). For smaller areas, the monitor can be configured to transmit the alarm details to a pager; if multiple monitors are being used with a RG43 display panel, the monitor will transmit pause and reset signals only.

Monitor Pause: If pause has been enabled, pressing PAUSE will temporarily prevent the RG2 monitor from alarming while a caregiver attends to a patient. During this time the Pause button will flash every 3s to indicate the monitor is deactivated, and display will show [PA].
• Pressing PAUSE initialises pause timer to 3min.
• When ~10s remain on the pause, the monitor will begin low grade beeping to indicate the pause will expire, giving the caregiver warning to extend the pause.
• Press PAUSE again, which will reset the timer to 3min.
• Press RESET to exit pause at any time.
Note: If a facility is concerned about the ability to pause monitors this feature can be disabled by entering monitor settings and setting P=2

Monitor Sleep: Pressing PAUSE + RESET for ~3s will put the monitor into an indefinite pause. This is intended for use when a patient has been discharged and the monitor does not need to be used.
• When triggered, the monitor will display [SL] for 5 seconds, then turn the LED display OFF to conserve battery life. Instead of a caregiver deactivating a transmitter and removing batteries from the monitor, this allows the monitor and sensor pad to be kept in place until it is needed again.
• Monitor will not alarm when in sleep mode but will briefly display [SL] when a sensor pad is activated as a reminder it is not in use.
• Hold RESET for ~3s to reactivate. The monitor will display [ON] to indicate it is now active.
Note: If a facility is concerned about the ability to deactivate monitors this feature can be disabled by entering monitor settings and setting P=1 or 2.

3. Operation (cont.)

Compatible Devices

Wireless Pads/Mats: Up to 9 wireless devices can be used with the RG2 monitor. Pads should be placed within 8-10m of the monitor for reliable signalling in most indoor environments.

Always test pads before putting them into use with a patient. If you experience pad lost alerts on wireless sensor pads, move these pads closer to the monitor.

Wireless Call Buttons: Wireless wristband or pendant buttons can be paired with the RG2 monitor to give an active calling option.
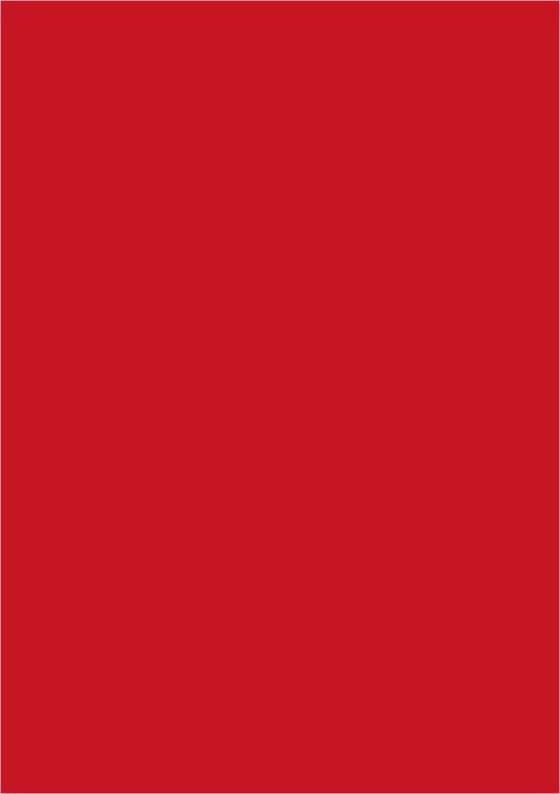
Central Monitor Display: Mounting the monitor nearby/outside the door allows the RG2 monitor to act as a room controller for a ward management system. If the caregiver is responding to an alarm from the main panel, the RG2 monitor will transmit a RESET signal; if the patient will be removed from bed, activate the PAUSE feature to prevent alarms from triggering at the panel.

Pagers: The RG41 Jill pager can be used directly with the RG2 monitor (set t=1), or together with a wall mount display panel (set t=2/3).

If pagers will be used with the Central Monitor Display, make sure the RG43 panel is configured to relay signals (t=3), and that pagers are configured with direct signalling OFF, and the A-code and C-codes match what has been assigned to the panel.

If either of these settings does not match, the pager will not receive the call forward from the RG2 monitor or RG43 panel.

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