CSM-BC500 QUICK SETUP GUIDE

MONITOR SETUP

1 Open the battery compartment:
1. Install three "AAA" Batteries
2. Close cover and secure screw
Optional: connect an AC adaptor to extend battery life.

2 Turn the CALL CORD switch to OFF before initially inserting the nurse call plug or cable into the patient station. If using with the call cord, switch to ON after connected to the patient station and inserting the call cord.

SYNCHRONIZING ONE CORDLESS SENSOR OR A SECOND CORDLESS SENSOR (MAKE SURE THE TRANSMITTER IS SETUP PRIOR TO SYNCHRONIZING)

1 Press and hold the black programming button located on the bottom of the monitor for approximately three seconds. Both the yellow and green LEDs will then light for 15 seconds.

2 Within 10 seconds of pressing the programming button, place pressure on the sensor pad and then release. The yellow LED will blink once, confirming the monitor and pad are now synchronized and ready for use.

3 **TEST THE ALARM:**
1. When pressure is placed back on the pad, the green LED will blink two times and then continuously every three seconds indicating the pad is in use.
2. Remove pressure from the pad to activate the alarm. The red LED will then blink (for 10 seconds) and nurse call will alarm.
3. To cancel the alarm, press the monitor's RESET button and cancel the nurse call alarm at the patient station.

UNSYNCHRONIZING A CORDLESS SENSOR

1 Remove pressure from pad(s).
NOTE: If a pad is in use (pressure applied), it will remain synchronized and monitoring the patient, even after attempting to unsynchronize.

2 Press and hold the PROGRAM button first, then press and hold the RESET button at the same time, for two seconds. The yellow and green LEDs will simultaneously flash three times indicating that the pad(s) has been unsynchronized.

3 **TEST THE ALARM:**
1. When pressure is placed back on the pad, the green LED will blink two times and then continuously every three seconds indicating the pad is in use.
2. Remove pressure from the pad to activate the alarm. The red LED will then blink (for 10 seconds) and nurse call will alarm.
3. To cancel the alarm, press the monitor's RESET button and cancel the nurse call alarm at the patient station.

CORDED SENSOR USE

1 **CORDED PAD CONNECTION:**
1. Plug the sensor cord into the monitor's sensor jack.
2. Both LEDs flash 3 times simultaneously.
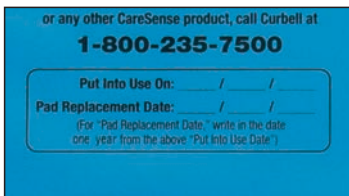**Note:** If synchronized to cordless pad(s), they will remain synchronized and able to be placed in service in tandem with the corded pad.

2 **TEST THE ALARM:**
1. When pressure is placed back on the pad, the green LED will blink two times and then continuously every three seconds indicating the pad is in use.
2. Remove pressure from the pad to activate the alarm. The red LED will then blink (for 10 seconds) and nurse call will alarm.
3. To cancel the alarm, press the monitor's RESET button and cancel the nurse call alarm at the patient station.

SETTING UP THE SYSTEM

1 Check the date on the sensor pad intended for use and verify that is not beyond the expiration date.

2 Insert the nurse call plug directly into the ¼" patient station nurse call receptacle.

OR Securely mount to the side of the patient station and connect it with a jumper cable (sold separately).

3 Position the sensor pad on the chair or bed as instructed/illustrated on the pad.

4 Test the alarm.

THE PAUSE FEATURE

1 The RESET button provides the following two functions: it cancels the alarm or places the monitor into a pause mode that allows the caregiver to take the patient out of a bed or chair without signaling the alarm.
1. While patient is on the pad, press the RESET button on the top of the monitor to enter the 30 second pause mode.
2. The yellow and green LEDs will flash simultaneously, and the patient may be removed from pad within 30 seconds without activating an alarm. The monitor will then stay in the pause (standby) mode until pad is back in use (pressure applied) and the monitor system will reactivate.

CONNECTING THE NURSE CALL CORD AND AC ADAPTOR (OPTIONAL)

1 **OPTIONAL — INSERT THE CALL CORD:**
1. Insert nurse call cord (sold separately) into nurse call cord ¼" jack.
2. Turn the CALL CORD switch to ON
NOTE: Whenever removing call cord from monitor, turn the call cord switch to off.

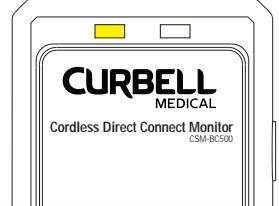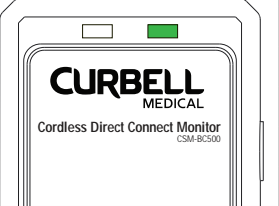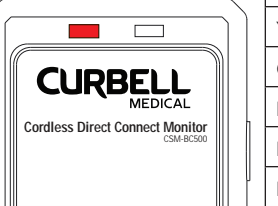**2** **OPTIONAL — USE AN AC ADAPTOR:**
Connect an AC Adaptor (sold separately) to the AC input on bottom of the monitor
NOTE: The installation of batteries is required even if using an AC Adaptor. The monitor will not function without power.

BC500 TROUBLESHOOTING CHECKLIST ✓

This checklist has been developed to help identify common issues that can be quickly addressed to prevent unnecessary product returns. Please also refer to the product's Directions for Use and instructional video on Curbell's website (www.curbellmedical.com). If, after completing the checklist, the product continues to malfunction, please call your Curbell Representative at 888-222-2188.

YELLOW LIGHT	GREEN LIGHT	RED LIGHT	LED STATUS	MEANING
			Yellow LED is blinking	Low battery
			Yellow LED flashes twice	Corded pad disconnected
			Green LED is blinking	Monitoring
			Red LED is blinking	Alarm
			Red LED flashes twice	Cordless pad signal lost
			Red LED flashes three times	Replace curbell pad

No power:
☐ Batteries are installed according to the diagram in the battery compartment.

☐ Batteries are fresh and/or known to be good.

If an AC adaptor is being used:
☐ The connection between the monitor and the AC outlet is secure and not damaged.

☐ The outlet in use is functioning properly and not controlled by a light switch.

Yellow LED single blinks continuously:
☐ Replace all batteries with new Energizer Industrial (or equivalent) batteries.

Cordless Sensor Pad does not synchronize to the monitor or lost signal alert:
☐ The transmitter in the sensor pad is securely connected with no visible cord or connector damage.

☐ The transmitter's ON/OFF switch has been permanently turned ON. The red STATUS/IN USE light on the transmitter blinks approximately every 30 seconds (see figure 1).

☐ The sensor pad is within 30 foot unobstructed range of the monitor.

☐ Reset the monitor by un-synchronizing the sensor and monitor and then re-synchronize them.

☐ The transmitter and transmitter antenna are properly connected and positioned to maximize range and performance (see figure 2).

☐ The patient is not lying or sitting directly on the sensor transmitter.

☐ Rubber bands and clips are used to secure the bed sensor pad to the bed so the sensor is properly positioned under the buttocks area and the transmitter hangs off the side of mattress, preferably on the same side of bed/room as the monitor.

☐ No walls or metal objects are between the pads and monitor

NOTE: Best performance and range is achieved by proper placement of transmitter and antenna in sensor pocket as illustrated in figure 1 and the monitor is installed facing the transmitter as close together as possible (see figure 3). Many structural factors like metal, body mass, and other construction materials can, and in some cases, dramatically reduce range and performance. As a final check, try moving the monitor closer to the pad and retest.
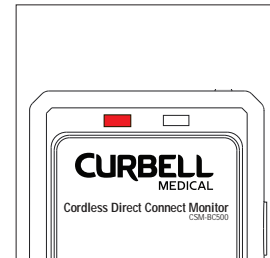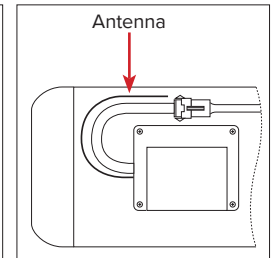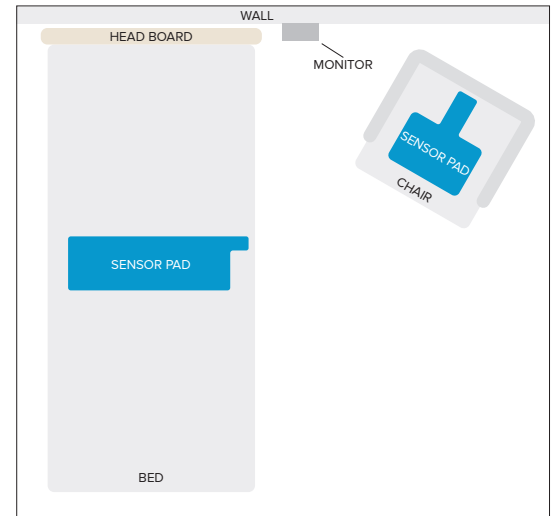
figure 1

figure 2

Antenna

figure 3

WALL
HEAD BOARD
MONITOR
SENSOR PAD
CHAIR
SENSOR PAD
BED

No alert is given to the facility's nurse call system

☐ The monitor and/or the 1/4" mono nurse call jack is securely connected to the nurse call patient station and is not damaged.

False alarm or no alarm sound occurs

☐ The pad is placed properly on the chair or bed.

☐ No part of the pad/mat (including the neck of the pad) is folded and/or creased.

☐ The pad/mat has not expired (the red LED will triple flash if expired)

☐ There is no heavy blanket, gel, or foam cushion on the pad that may interfere with proper operation or cause delay in the alarm.

☐ The cordless pad is within 30 feet of the monitor (the red LED will double flash if out of range).

☐ The Call Cord switch is in the OFF position if a call cord is not connected (see figure 4).

☐ Batteries are fresh and/or known to be good (the yellow LED will blink continuously indicating to replace the monitor's batteries).

☐ AC cord (if using) is securely connected to the monitor and AC receptacle (the yellow LED will triple flash if disconnected).

figure 4

If a Corded Sensor Pad is being used:

☐ The cord between the monitor and sensor is securely connected and not damaged.

☐ The breakaway cord connector (if applicable) has been pushed in fully until it clicks.

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