

## Features - PSR-2200 Remote

- ◆ Large Easy to Read 128 x 64 pixel Graphical LCD Display
- ◆ Small and Lightweight
- ◆ 10 Default Output Keys (adjustable)
- ◆ 18 Programmable Keys
- ◆ 25-foot Coiled Cord
- ◆ Easily Access Each and Every Output Waveform, Rate and Level of Your Patient Simulator
- ◆ Over 20 hours of Operation from a Single 9V Battery or Unlimited when Powered from Patient Simulator
- ◆ Up to 30 hours of Trended Data Output
- ◆ Endless Looping Capability on Trended Data
- ◆ 180 User-Programmable Steps for Waveform Output
- ◆ Virtually Unlimited User-Configured Waveform One-Touch Key Output Configurations through Use of the PSR-2200 PC Software Utility
- ◆ "Clone" a Specific Remote Control Setup to Other Remotes
- ◆ FLASH Upgradeable Firmware
- ◆ Powerful yet Remarkably Easy to Use Companion PC Software Setup Utility
- ◆ Can be Configured to Work With Competitive (Non BC Biomedical Brand) Patient Simulators

## Optional

- ◆ USB to Serial Port Adapter (for Configuration via PC USB Port Instead of RS232 Serial Port)

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# PATIENT SIMULATOR REMOTE

BC Biomedical PSR-2200

PSR-2200



How would you like to have all of your patient simulator's outputs available to you on a handheld, easy to use remote control, up to 25-feet away from your simulator? The PSR-2200 Programmable Patient Simulator Remote Control with Trending Capability brings an unprecedented level of functionality & ease of use to patient simulator remote control. There's nothing else on the market that even comes close to the PSR-2200.

You can easily access every output waveform of your patient simulator without ever touching it! Control outputs from NSR, Arrhythmias, Resp, Temp, CO, ECG and Resp artifact, ST Elevation Levels, Performance Waves, etc. Use the included PC Software utility to assign any outputs you like to any or all of the 18 programmable keys. Configure sequences (trends) to any of these keys that will run from 1 to 600 seconds per step. "Daisy-chain" the 18 programmable keys to provide up to 30 hours worth of unique trended patient data. Save a virtually unlimited number of configurations. Set up one remote and then "clone" the setup to as many remotes as you want. You can even e-mail PSR-2200 configuration files. The PSR-2200 is FLASH upgradeable in the field, ensuring that your device will never become outdated.



# BC BIOMEDICAL PSR-2200

## SCREEN VIEWS

Easy to read display shows current simulator outputs. Run programmed sequences & know where you are in the sequence.

Normal Sinus Rhythm	80 BPM	1.0 mV Adult
ST: 0.0 mV	Artf: none	
30 BrPM	3.0 ohms	
37.0 C	98.6 F	SEQ 05-01-000

Key Number

Sequence Step

The full keypad

Even BP outputs can be displayed with a push of one key.

1) Static	0 mmHg
2) Static	0 mmHg
3) Static	0 mmHg
4) Static	0 mmHg
Group Settings:	N/A

Assign names to each of the 18 programmable keys.

Select outputs from any simulator waveform or output group.

Key List

12) NSR 30Bpm Apnea
13) Pace Atrial 10mV
14) Perf Sine 50Hz
15) Fetal Auto 5min
16) Cardiac Faulty Inj

Operating Mode

Normal Sinus Rhythm
Arrhythmias
Pacemaker
Performance
Fetal/Maternal

## PC SOFTWARE PROGRAMMING

The PSR-2200 comes with a Microsoft® Windows Based Application Program that allows the user to quickly and easily develop and upload almost any configuration. Complex testing and trending routines can easily be generated and saved. The software is self installing and designed to mimic the simulator screens, so there is almost no learning curve, just point and click. The software works with both COM and USB ports and will automatically find the PSR-2200 and identify it. Single click uploading (writing to) and downloading (reading from) the PSR-2200 allow for full cloning and file transfers.

### Compatibility

Requires a PC running Microsoft® Windows XP Home Version, Windows XP Professional, Windows 2000 (Service Pack 2 or higher), Windows NT, Windows 98, with either an RS232 Serial Port or a USB Port (required optional USB to Serial Adapter) 100% compatible with the BC Biomedical PS-2200 family of patient simulators (older simulators may require a FLASH firmware upgrade, which can be accomplished in the field with a special software update utility - The PSR-2200 can be configured by special request to work with competitive brand patient simulators from leading manufacturers)

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PS-2240 with PSR-2200

## SPECIFICATIONS

### Physical

Display	LCD Graphical 128 X 64 Pixels
Enclosure	5.98" x 3.27" x 1.28", ABS Plastic
Weight	< 1 lbs
Face Plate	Lexan, Back printed
Operating Range	15° to 40° C
Storage Range	-20° to 65° C
Interface Cable	25' Coiled Cord (RS232)

### Electrical

Power	One alkaline battery, 9V (NEDA 1604 - battery life > 20 hours) - For extended periods of use, particularly while running long term sequences, the PSR-2200 will draw power from the Patient Simulator through the 25-foot coiled cord
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