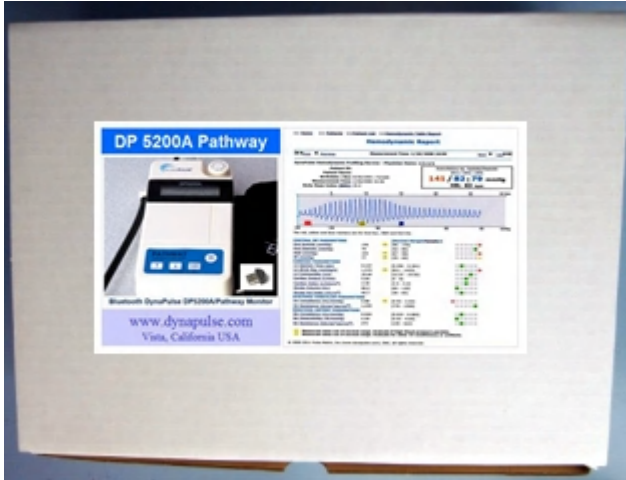# DynaPulse DP5200A Pathway (USB & Bluetooth) Hardware Instruction Quick Guide

Thank you for choosing DynaPulse DP5200A/Pathway noninvasive blood pressure monitoring system. Please read this instruction and other product information in the included CD before installation of software and operating the monitor.

I. Check product contents:

Check for any damages of the package received:

After opening the package, check for following contents:

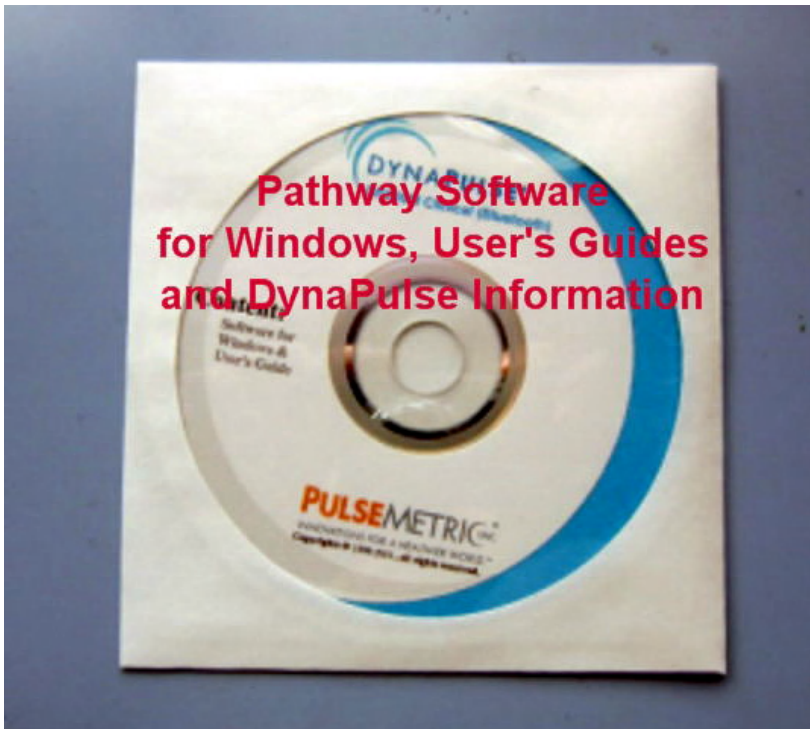## 1. DP5200A Pathway Monitor

2. AC adaptor

3. USB cable

4. Bluetooth dongle

5. Three cuff assembles (Large, Standard and Small adult size cuffs)

6. CD with software for Windows OS & User's Guides

II. Descriptions of components and understanding the features:

1. DP5200A monitor:

 * Hardware features described below:

* 6V DC power input: Use supplied AC adaptor only

* Battery compartment: Use (4) AA battery, Alkaline recommended (NOT supplied)
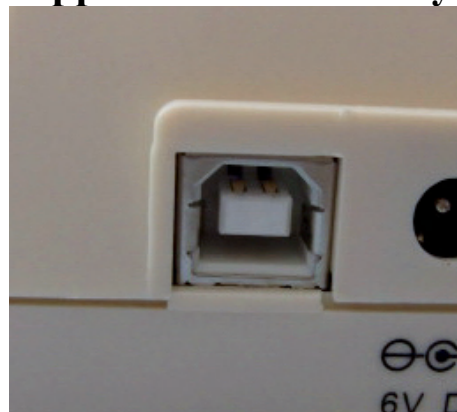
* ON/OFF, START/STOP and Move (Up or down) buttons - to turn ON/OFF of the monitor, Start or Stop a BP measurement, and to select a patient from patient list.
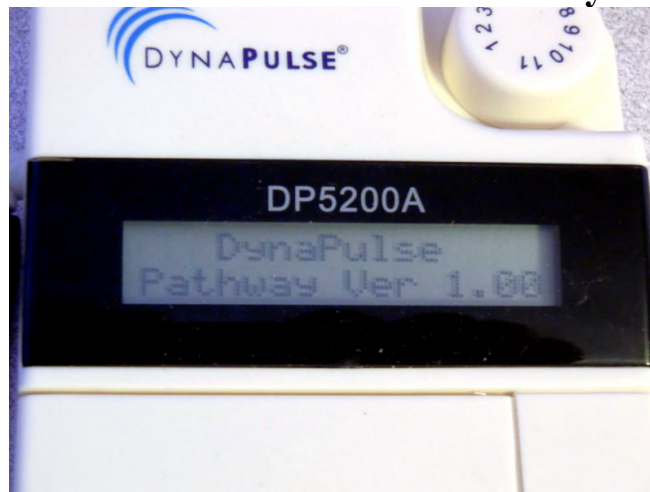

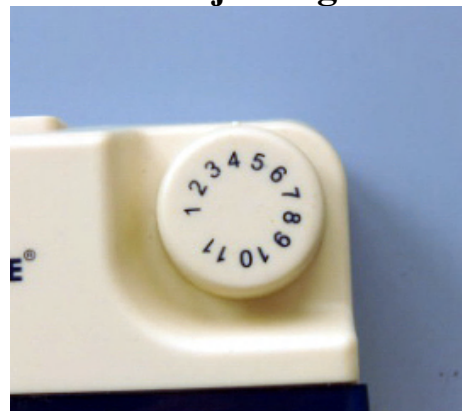*** CUFF connection: for connecting to cuff**

* USB connection: for connecting to PC USB port. Use supplied USB cable only.

* LCD display: Displays status or patient list when powered ON, and ready for BP measurement with USB or Bluetooth communication is set correctly.

* Thumb dial for adjusting air release rate:

2. AC adaptor: Make sure the voltage requirement meets the AC power specification of your Country (In USA its 110 Volts, 60 Hz)

3. USB cable: When use USB communication, Bluetooth is disabled.

4. Bluetooth dongle: For PC without built-in Bluetooth. Bluetooth setup and pairing to DP5200A monitor is required (Read Bluetooth Installation Guide in supplied CD).

5. Three cuff assembles (Large, Standard and Small adult size cuffs): Use correct cuff for appropriate arm size as recommended by American Heart Association (AHA).

6. CD with software for Windows OS & User's Guides: Include DynaPulse software for Windows (XP, Vista, Win-7 and Win-8), USB drivers, User's Guides, and other clinical information. Please make a copy of the CD contents to your PC for future reference.

III. Product Description:

Description

The Bluetooth capable DynaPulse DP5200A Pathway monitor works with the original 5200A Pathway blood pressure (BP) measurement software to run on a PC with Windows via USB or Bluetooth communication. In addition, it also allows a smartphone or tablet with Bluetooth and the DynaPulse app installed (Android based app is free and available for download from Google Play) to measure blood pressure and heart rate.

It is an ideal blood pressure monitoring system, serving as a **Blood Pressure Monitoring Hub**, for corporate employee health care, fitness club member's care, nursing home and community helathcare, pharmacy patient care, general cardiovascular public health care and BP screening, and cardiovascular diseases (CVD) prevention research programs. DynaPulse non-invasive blood pressure measurement is clinically validated and FDA 510K registered, and cost effective when comparing to a kiosk type BP monitor.

Healthcare professionals, administrators of the DynaPulse BP Monitor Hub, can also measure and record member's BP readings, and when needed, obtain hemodynamic profiles via Internet with DynaPulse Analysis Center (DAC) service for advanced cardiovascular evaluation. DAC provides both central and K-sound systolic/diastolic and MAP readings, cardiac function (cardiac output, stroke volume, LV dP/dt Max, contractility, etc.), Systemic vascular compliance and resistance (SVC, SVR), and brachial arterial compliance, distensibility and resistance. DynaPulse hemodynamic profile parameters were clinically validated and FDA 510K registered.

The illustration below demonstrates a *Wireless DynaPulse DP5200A Pathway BP Monitor Hub*. allowing for connections to not only the DAC, but also user's own proprietory cloud to provide the best and most cost effective care and management of high blood pressure and cardiovascular health.

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DynaPulse DP5200A/Pathway (Wireless Hub)

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Visit www.dynapulse.com (http://www.dynapulse.com/) for more information.