

Technical data sheet

Model: LD-533

CATALOGUE

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Talking Automatic Blood Pressure Monitor:LD-533



Available in the Market

Model: LD-533

**Available in the Market:
Nov, 2012**



General Overview for Features

↗ Extra large LCD display

↗ Two users with 90 sets of memory each

↗ WHO blood pressure classification indication

↗ IHB detector

↗ Date & time display

↗ Error and Low Battery Information

↗ Average for the latest 3 readings

Main Components



Air Connector



LCD Display

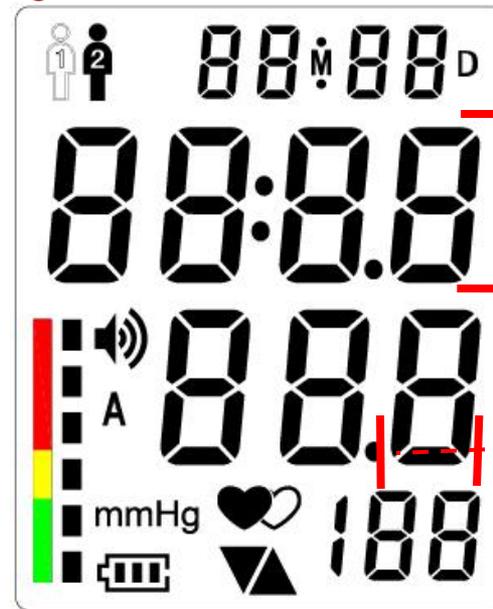
Adapter Jack

Memory Button

Start Button

Appearance Features

Extra Large LCD



29 mm=1.14 inch

12 mm=0.47 inch

Main Body Size:

105 (L) × 120(W) × 55(H)mm

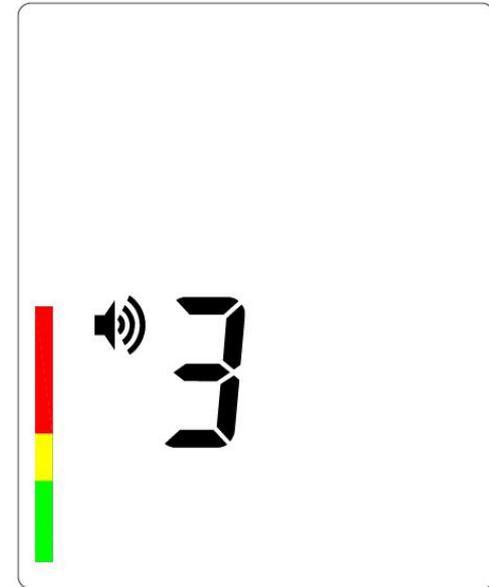
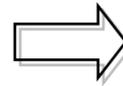
=4.13 × 4.72 × 2.17 (inch)

LCD :4 "

Size: 60(L) × 80(W)mm

Function Features

Volume Adjustment

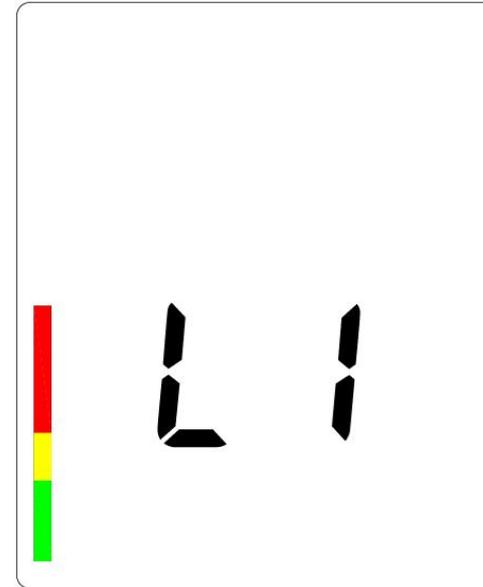
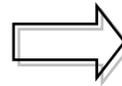


When the device is on stand by, press and hold button “M1”, then press button “O/I” two times until the volume will display on the LCD.

Press button ‘M1’ to adjust volume level. Then press button O/I when you have finished adjusting the volume.

Function Features

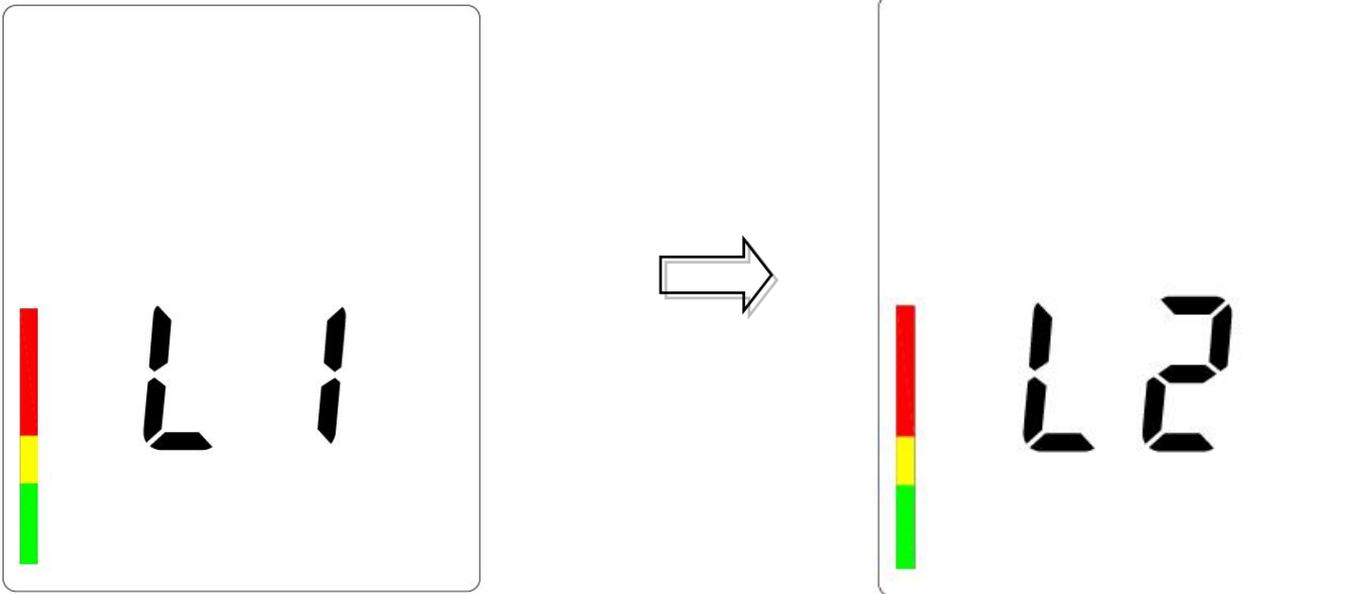
Setting the Languages



When the device is on stand by, Press button 'M1' and don't release, then press button 'O/I' three times until the language icon displays on the LCD. The device will show "L1" (English is the default when the device is used the first time) with the voice prompt.

Function Features

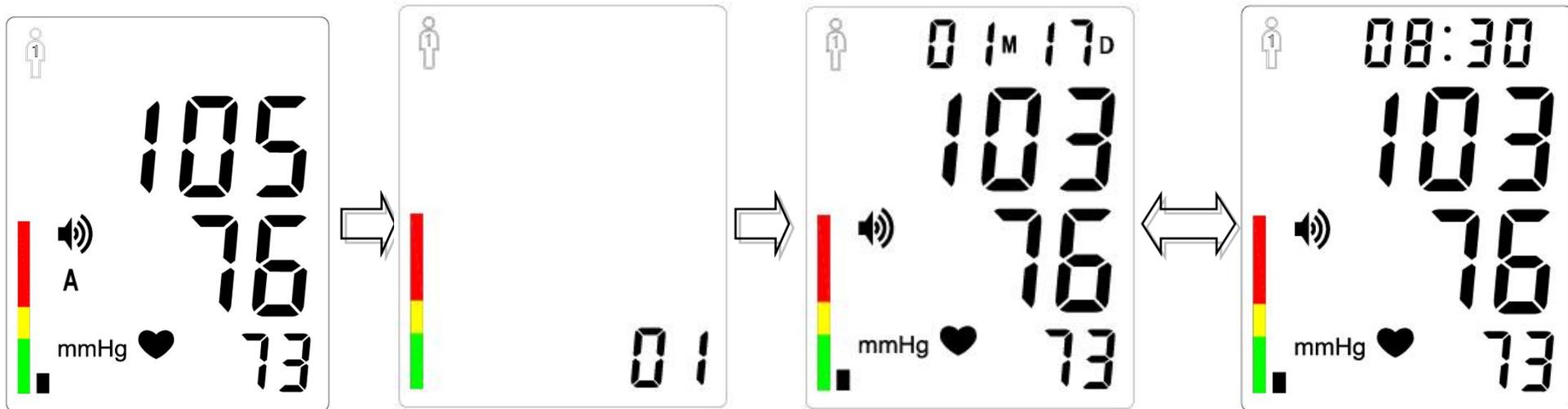
Setting the Languages



Press button 'M1' to set the other languages, then press button 'O/I' when you have finished setup.
P.S: L1----English, L2----French, L3----Spanish,
L4----Russian, L5----German.

Function Features

Memory Recall

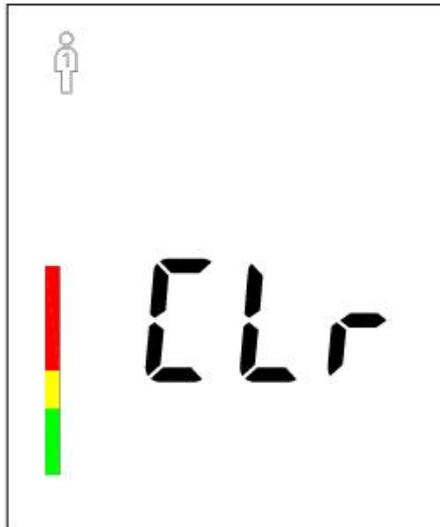


When a measurement is finished or the device is on stand by Press button 'M1' or 'M2', the display will show the average value of the latest 3 readings.

Press again, the display will show '01', which means the latest reading, then turns to another screen to show readings and measuring time.

Function Features

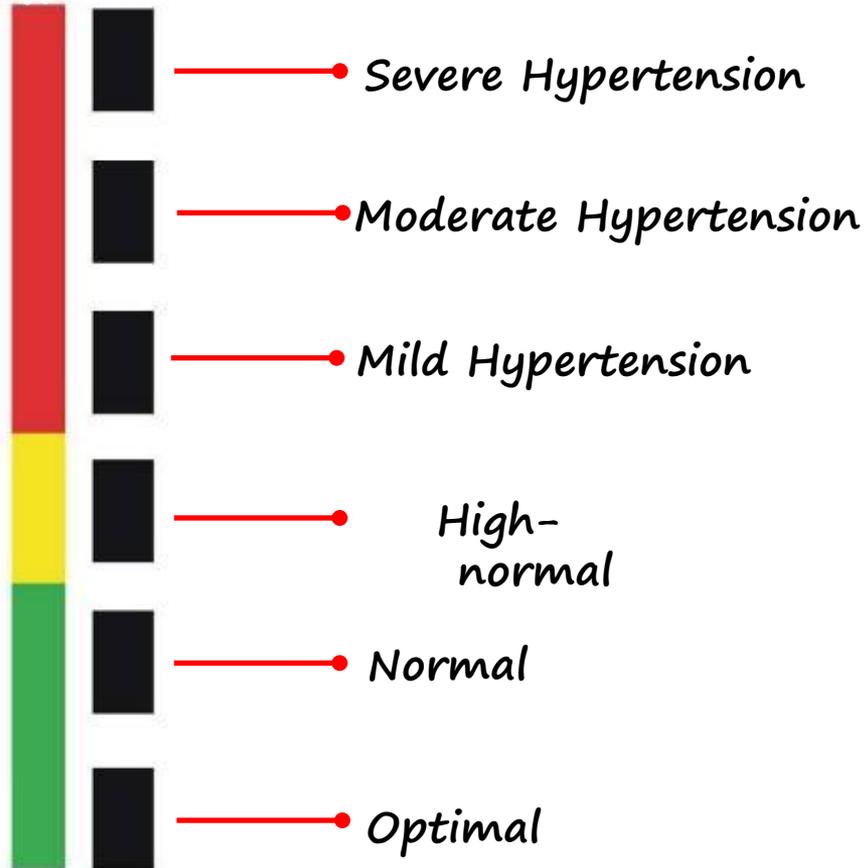
Memory Clearance



When a measurement is finished or when the device is on stand by, hold down button 'M1' or 'M2' for at least 5 seconds, the display will show 'CLR' which means the stored reading for 'M1' or 'M2' are removed.

Function Features

WHO



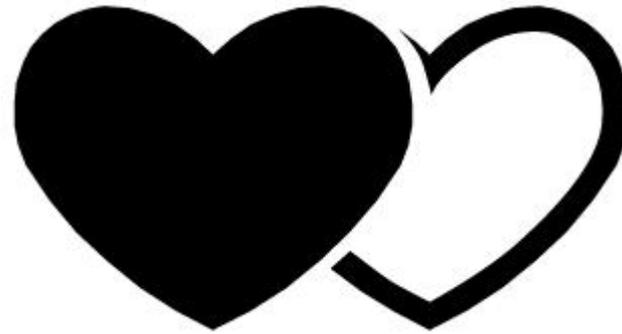
<i>Grade</i>	<i>Sys.</i>	<i>Dia.</i>
Optimal	<120mmHg	<80mmHg
Normal	120~129mmHg	80~84mmHg
High-normal	130~139mmHg	85~89mmHg
Mild Hypertension	140~159mmHg	90~99mmHg
Moderate Hypertension	160~179mmHg	100~109mmHg
Severe Hypertension	≥180mmHg	≥110mmHg

Function Features

IHB



This monitor also provides the
Irregular Heartbeat Detection.



TE ①: Be Relaxed & Don't Talk during Measurement!

TE ②: We recommend contacting your physician if you see this 'IHB' indicator frequently.

Function Features

Date/Time Setting



When the device is connected to power supply, Press and hold the button 'M1', then press the button 'O/I', and the year number flashes.

Date/Time function records exactly when the user take the measurement so as for a better diagnosis.



Press button 'M1', or 'M2' to subtract or add the number, and press button 'O/I' for confirmation. When the year setup is finished, the month number will flash automatically. Please follow the same instruction as above to set month, date and time.

Product Configuration

Standard Configuration

1. Main Unit (Fig.1): 1PCS
2. Arm cuff (22-32cm) (Fig.2): 1PCS
3. Instruction manual (Fig.3) : 1PCS
4. Warranty Card (Fig.4): 1PCS
5. Gift box (Fig.5): 1PCS



Fig.1



Fig.2

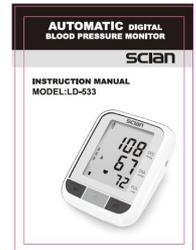


Fig.3



Fig.4



Fig.5



Fig.6



Fig.7

Optional Configuration

1. AC Adapter (Fig.6)
2. 4×AA Batteries (Fig.7)
3. Large cuff (Fig.8)

Technical Parameters

Measuring Method	Oscillometry
Measuring Range	40 to 260 mmHg (blood pressure)
	40 to 160 beats/minute (pulse rate)
Measuring Accuracy	± 3 mmHg for static pressure
	$\pm 5\%$ of the reading for the pulse rate
Inflation	Automatic
Rapid Deflation	Electromagnetic valve
Power Source	4 “AA” \times 1.5V or AC Adapter
Memory	2 x90 sets of memories
Operation Temperature and Humidity	+ 10°C to + 40°C, 85% and below
Storage Temperature and Humidity	-20°C to + 50°C, 85% and below
Upper arm circumference	Applicable for arm circumference 22-32cm(standard cuff)
Monitor Size	105 (L) \times 120 (W) \times 55 (H)mm
Weight	Approximately 310g without batteries

Quality Assurance



CE 0123



**We claim
2 YEARS
WARRANTY
since the date of
purchase.**

- The quality system passed ISO 13485:2003 and the product passed CE0123.
- More than 8000 subjects are tested carefully during debugging the core algorithm.