

Position of massage wheel during operation, when stopped and when in storage.

Operation locus Operation or stoppage condition	Massage wheel protrusion quantity	Intensity quantity	
Rolling Tapping	strong	gentle (I)
Stop	strong	gentlest (II)
Store	gentle	gentlest (III)

(I) The position can be adjusted in the direction of “gentle”.

(II) The massage wheel stops in the strong position so that the next start is easy.

(III) The massage wheel stops in the gentle position so as to touch the body as little as possible.

- Massage position detector P.C.B is composed of 2 bits. The microcomputer of the main circuit board w/ component is always being sent the ON/OFF (0V/5V) signal of the drive pipe rotation. With the massage position detector P.C.B being 2 bits, the massage position detector P.C.B. is used to detect the timing of the increase/decrease of the intensity. The intensity adjustment block turns on when ON/(5V).
- Intensity adjustment P.C.B is composed of 3 bits. It detects only intensity quantity, and detects protruding quantity (about 0 to 45 mm).

*When dust and dirt get into the detector section of the detector print board, the detection of various operations becomes impossible, and the signals being sent to the main circuit board change. This leads to, for example, a malfunction in the intensity overrun, etc., which results in the blinking of operation lamps, and then stoppage.

Timer

- When the start/reset button is pushed, to prevent overuse, a timer begins. After approximately 15 minutes, time expires, and the massage wheel goes into storage.
- The leg massager is also on a timer to prevent overuse (stops after 30 minutes).