

**HONDEX**

**DEPTH SOUNDER**

**PS-7**

**OPERATION MANUAL**

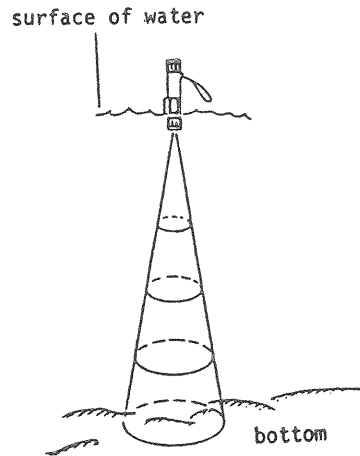
***HONDA ELECTRONICS CO., LTD.***

20 Oyamazuka, Ohiwa-cho,

Toyohashi, Aichi, Japan,

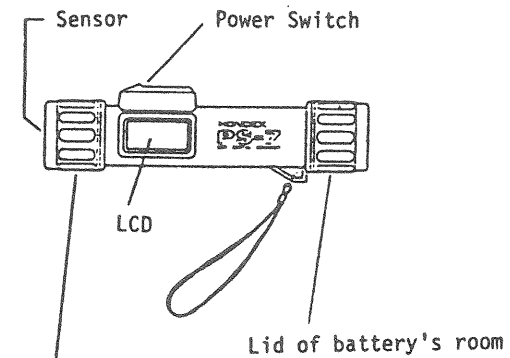
TEL: 0532(41)2514, FAX: 0532(41)4441

## WHAT IS PS-7?



Transducer is built in the top of PS-7. This unit transmits high frequency pulses (200KHz) that are converted from electrical energy by the transducer. These pulses radiate from the transducer, to the bottom, and then are reflected back to the transducer. The transducer converts the mechanical vibrations of the returned echoes to electrical pulses that are amplified and then displayed on the LCD. These pulses travel approximately 1500 meters per second through water and provide constant updates of water depth and the location of intervening objects: for example, fish.

## Description



Note: Don't remove the lid of sensor's room.

## HOW TO USE PS-7?

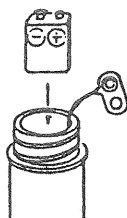
### 1. How to put the battery?



- 1) Turn the lid of battery's room counterclockwise and remove it.
- 2) Put the battery into the PS-7. Don't reverse polarity.

Applied battery:  
DC9V  
S-006P Dry cell

- 3) Put the lid on and fasten it.



### 2. How to measure the depth?

Turn the unit beneath in the water and push the power Switch ahead. Push this switch for few seconds contiunuously. Then by taking this switch off, the depth will be shown on the LCD.

Don't operate this unit obliquely

Depth on the LCD will disappear automatically for about 10 seconds by the power-auto-off function.

Depth range is 0.6m-80m. When the depth is shallower or deeper than above range, the mark "---" will be shown.

When the bottom is soft or there are many weeds, barnacles, etc, it is very difficult to receive the reflected echo and the mark "---" may be shown

This unit can be used for marine diving because it is 50 meter water proof.

# CAUTION

- (1) Select the strong line connected to snap swivel and connect tightly.
- (2) Clean the surface of sensor.
- (3) Don't drop this sounder or hit to hard subject.
- (4) After operation, wash the stain from the surface with fresh water and remove the dry cell and dry each portion enough.

BEFORE YOU THINK PROBLEM, WHEN THIS SOUNDER DOES NOT WORK PROPERLY  
Even if you proceed as follows , please ask shop you bought.

Symptom	Cause	Procedure
Press the power ON/OFF switch, indicator does not move	Polarity + or - of dry cell is wrong	Put dry cell correctly
	Cell was consumed	Replace new dry cell

Display	LCD
Frequency	200KHz
Beam Angle	24° (-6dB)
Function	Auto-power-off 50m water-proof
Dimension	42 (ø) x 198(L)mm
Power Supply	DC 9V (Dry cell S-0069) Life of Battery: approx. 500 times
Weight	Approx. 190g (including dry cell)