1. Press made button before power on.

Bircott sale X, which sale

6 Digits high resolution ଅଟେଅ ଅଧିକର୍ଷ Barometer Thermometer Barometer Hygrometer ଅଧିକର୍ଷ Altimeter Vertical speed meter

Florid send email t

User's manual

For Software Ver 3.023 or later Hardware Ver 3.x

6\_ Notices and President 10

Do not use new flammable materials. De not shoold fissip eway from valor Prevent dow condensation, Demagned product may overheat or been Do fairtubal circular sides of this product is ever 40°C. Use power source with over current stop for cafety Use Doslov pew qi.oo.ookey@tabihago: abiyaed bha select be stop for cafety Use baromater power on without operator observation if anything abnormal was found, power of immediately. Result by usage without observation is used a responsible. The parties for any loss, damings and troubles. The parties barrichy correct to and cristing exclusive jurisaction upon Tokyo desaint acual ever any discribes crising out of or relating to this product.

## Z\_Ntangnaty\_Z

The web anty begins on the day of delivery and is affectivator one year. The war unity provides five report on exchange in once of failures caused by remaifscurer's failt. The cost to sending back must be paid by user. Failures by following cause are not covered.

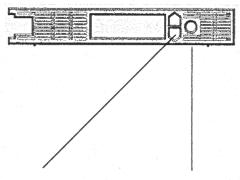
Virang usuga. Disasserabia, repair or modification by other compraise Manust disester fire thad the back someone variance.

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1 Buttons

Fallure cayped by catclide of the product Concurreble supplies



Up & down button

Mode Button

## 2 Basic usage

Please connect USB power source such as USB charger or mobile! battery. Then, the barometer automatically starts working. 102 latting usy satisfied against a point against a start of the control of the

In altitude mode, altitude can be calibrated by giving today's mean sea level pressure ( altimeter setting ) by up and down buttons.

In mean sea level pressure mode, sea level pressure can be quest, Scalibrated by giving actual altitude by up and down buttons. Make the level before as in the table before the production, mode changes as in the table before

Display mode and QNH and other settings will be saved in internal non-voltile memory. So next time power on, starts with the same previous settings.

Epideny F		
Mode	Display	Unit
1. P-h	88888 mg GLUIA Pressure	hPa
2. P-I	Pressure	inHg
3. t-C	Termometer	°C
4. t-F	Termometer	Fisor
5. H	Hygrometer	<b>%</b> 005
6. A 0000	Ten pareture comp. ebuilAn BFC) *1	m ros
7. A-F <sub>OS</sub>	5" beeg Altiude joing soutcreases?	feet 308
8. P-h 001	Mean sea level pressure binsel	hPa XCd
9. P-1 0000	Mean sea level pressure	inHg ੂ
10	S Vertical speed The Verbruit	m/s <sup>coo</sup>
11 03	Vertical speed	ft/min
160	Vertical specifismooti ingropeed, 12	F 3001

# 3 Sending data to PC

Free sample program is available upon buyer's request anadom of and B is adjustable in the Ax + B informalia.

If connect to your PC, you can collect measured data continuously.

- Runs on Windows 7, 8, 10, or Mac OSX 10.4sV  $\pm$  0000 f.0 = 8 0x9
- Data interval can be changed between 1 3600 seconds.
- Realtime graph and CSV data save.
- This sample program runs on "Processing". beedd galeboome St
- Need a little bit of programming skill to use this sample ad a difference and program.
- If the sample program does not work on your PC, m. stamped and seem of Please contact us, we will support a five reference and reduced and recovery of the program of the

if you don't need to catch this kind of audden changes, set small rumber, Then smoothing filter works more strongly and measurement result will be more stable.

### 4 Advanced settings

This barometer works at the best performance with factory as initial settings. A phate viscottemptor statement and month yearthough

Therefore, we do not recommend re-write settings unless you have clear reason, and behaviour and abundance of the settings and accommend to the settings and the settings are settings are settings.

- 1, Press mode button before power on.
- 2, Keep pressing mode button and connect power. Lovel nos moom re-
- 3, Maintenance mode starts, \$8.8.8.8.8' will be displayed.
- 4, By mode button, mode changes as in the table below.
- 5. Change values by up and down buttons. a HWO bins about yargard
- 6, After all settings is finished, power off xon od vacansm slabov-near

		Pious settlings.
Mode	Display	Factory initial setting
LED test	All LED on 8.8.8.8.8	
0	Firmware version	
100 P	Barometer compensation A *1	1.00000
101 P	Barometer compensation B[hPa] *1	0.00000
102 P	Barometer smoothing speed *2	5
300 t	Temperature compensation A *1	1.00000
301 t	Temperature compensation B[°C] *1	0.00000 <sup>3</sup>
302 t	Temperature smoothing speed *2	20 -4
500 H	Humidity compensation A *1 : 14	1.00000
501 H	Humidity compensation B [%] *1	0.00000
502 H	Humidity smoothing speed *2	1 01
602 A	Altitude smoothing speed *2	20
1002	Vertical speed smoothing speed *2	100
LED test	Repeat from LED test	4.3

<sup>\*1</sup> compensation set altoyed about dislotts of manyond element set A and B is adjustable in ' y=Ax+B' formula.

ex1.6 A=1.01000 : Value will be ex.1.01 larger. 245000 estimation if

ex2 B=0.10000 : Value will be + 0.10 larger. swobsiW no arm3 -

\*2 smoothing speed Lightersteenfill to any many organics side.

\*2 smoothing speed Lightersteenfill to any many organics side.

The larger number == catches faster and rapid changes. Lighterst.

The smaller number = add more stability.

For example, mode 102 is barometer smoothing speed. If you set larger number, barometer will be faster. But it will catch gust wind comes into the building, or room door slamming.

If you don't need to catch this kind of sudden changes, set small number. Then smoothing filter works more strongly and measurement result will be more stable.

#### 5 Contact

Direct sale & whole sale

pair in the contract of the least

Barrows demonstrated Barrows Hygrometer Recommendations

Please send email to:

ogenkicat@yahoo.co.jp

national 2003 AP/ pray/ma8

### 6 Notices and Disclaimers

Do not use near flammable materials. Do not shock. Keep away from water. Prevent dew condensation. Damaged product may overheat or burn. Do not connect power when this product is over 40°C. Use power source with over current stop for safety. Use DC5.0V power. Do not use other voltage. Do not leave the barometer power on without operator observation. If anything abnormal was found, power off immediately. Result by usage without observation is user's responsibility. We shall not be responsible for any loss, damages and troubles. The parties hereby consent to and confer exclusive jurisdiction upon Tokyo district court over any disputes arising out of or relating to this product.

## 7 Warranty

The warranty begins on the day of delivery and is effective for one year. The warranty provides free repair or exchange in case of failures caused by manufacturer's fault. The cost to sending back must be paid by user. Failures by following cause are not covered.

Wrong usage.

Disassemble, repair or modification by other companies.

Natural disaster, fire, flood, lightning abnormal voltage.

Wet, drop, dust, mud.

Improper maintenance.

Failure caused by outside of the product.

Consumable supplies.



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