USER MANUAL

ANEMOMETER

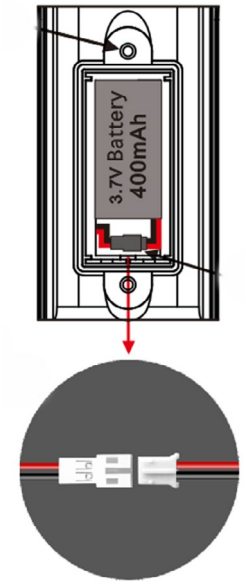
PCE-AM 31

ENGLISH



User manuals in various languages (français, italiano, español, português, nederlands, türk, polski) can be found via our product search on:
www.pce-instruments.com

- Before use, unscrew the screws on the battery cover and then connect the battery.
- Pay attention to the correct polarity (connect wires of the same color together)

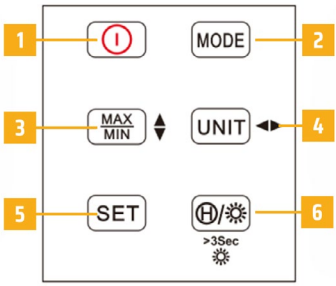


FEATURES

- Anti-interference touch buttons
- Wind speed measurement
- Air volume measurement
- Temperature measurement
- Compact and waterproof design
- Current wind speed, maximum wind speed, minimum wind speed
- Low battery indication function
- Backlight display function
- Rechargeable lithium battery with TYPE-C interface
- Optional automatic power-off function

KEYPAD DESCRIPTION

1 - Power Button
2 - Wind Speed/Air Volume Function Switch Button
3 - Wind Speed Maximum/Minimum/Real-time Value Switch Button
4 - Wind Speed/Air Volume Unit Switch Button
5 - Set Air Volume Area Key and Temperature Unit Switch Button
6 - Data Hold and Backlight Button



OPERATING INSTRUCTIONS

- Press and hold the POWER Button for more than 1 second, then release the button to turn on the device. The screen will fully display upon startup. Press the POWER Button briefly to turn off the device. In the power-off state, press and hold POWER Button for 5 seconds. The main display on the LCD will show the ON symbol. Release the button, then press UNIT Button to select ON/OFF (ON represents enabling the automatic power-off measurement mode, OFF represents disabling the automatic power-off measurement mode). After selecting, press POWER Button briefly to enter the power-on state. In the automatic power-off measurement mode, the LCD screen will display the clock symbol (indicating the automatic power-off time is approximately 5 minutes). This symbol will not be displayed in the disabled automatic power-off measurement mode.
- Pressing MODE Button briefly switches between wind speed and air volume functions.
- Pressing MAX/MIN Button switches between the maximum value, minimum value, and real-time value of wind speed and air volume.
- While measuring wind speed, pressing UNIT Button switches between wind speed units: m/s, km/h, ft/min, knots, and MPH. While in air volume measurement mode, pressing UNIT Button switches between air volume units: CFM, CMS, CMM. In air volume mode, press and hold UNIT Button to switch between secondary display area units: square meters and square feet.
- In wind speed mode, pressing SET Button toggles between secondary display temperature units: Celsius and Fahrenheit. In air volume mode, pressing SET Button allows you to set the area value. The AREA symbol will flash. Press the UNIT button to select the desired digit position (hundreds, tens, units, decimal). Press the MAX/MIN button to adjust the numeric value (0 ... 9). After adjusting the area value, press SET Button again to confirm and exit the area setting.
- Pressing HOLD Button briefly functions as the data hold button for wind speed and air volume measurements. Pressing and holding HOLD Button activates the backlight switch.

SPECIFICATIONS

Wind Speed Range			
Units	**Range**	**Resolution**	**Accuracy**
(m/s)	0.3 ... 40	0.1	±5%
(ft/min)	59 ... 5905	19	
Knots (kt)	1 ... 55	0.2	
(km/h)	2 ... 90	0.3	
(mph)	1 ... 65	0.2	
Temperature Range			
Units	**Range**	**Resolution**	**Accuracy**
°C	-10°C ... 45°C	0.2	±2°C
°F	14°F ... 113°F	0.36	±3.6°F
Air Volume Index			
Units	**Range**	**Resolution**	**Area**
CMM (M3/MIN)	0 ... 999900	0.001 ... 100	0.001 ... 9999
CMS (M3/S)	0 ... 999900	0.001 ... 100	0.001 ... 9999
CFM (FT3/MIN)	0 ... 999900	0.001 ... 100	0.001 ... 9999
General Specifications			
Battery		Lithium Battery Model: 60204(400mAh) It takes 2 to 3 hours to fully charge.	
Operating Temperature		-10°C ... 45°C (14°F ... 113°F)	
Relative Humidity		≤90%RH	
Storage Temperature		-20°C ... 50°C (-4°F ... 122°F)	
Current Consumption		approx. 3mA	
Dimensions		203x87.3x87.3mm	
Weight		approx. 180g (including battery)	

DISPOSAL

For the disposal of batteries in the EU, the (EU) 2023/1542 directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose. In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law. For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations. If you have any questions, please contact PCE Instruments.

PCE INSTRUMENTS CONTACT INFORMATION

Germany
PCE Deutschland GmbH
Im Langel 26
D-59872 Meschede
Deutschland
Tel.: +49 (0) 2903 976 99 0
Fax: +49 (0) 2903 976 99 29
info@pce-instruments.com
www.pce-instruments.com/deutsch

France
PCE Instruments France EURL
2, rue Georges Kuhnmunch
67250 Soultz-sous-Forêts
France
Tel.: +33 (0) 972 35 37 17
Fax.: +33 (0) 972 35 37 18
info@pce-france.fr
www.pce-instruments.com/french

Spain
PCE Ibérica S.L.
Calle Mula, 8
02500 Tobarra (Albacete)
España
Tel. : +34 967 543 548
info@pce-iberica.es
www.pce-instruments.com/espanol

United Kingdom
PCE Instruments UK Ltd
Trafford House
Chester Rd, Old Trafford
Manchester M32 0RS
United Kingdom
Tel: +44 (0) 161 464902 0
Fax: +44 (0) 161 464902 9
info@pce-instruments.co.uk
www.pce-instruments.com/english

Italy
PCE Italia s.r.l.
Via Pesciatina 878 / B-Interno 6
55010 Loc. Gragnano
Capannori (Lucca)
Italia
Telefono: +39 0583 975 114
Fax: +39 0583 974 824
info@pce-italia.it
www.pce-instruments.com/italiano

Turkey
PCE Teknik Cihazları Ltd.Şti.
Halkalı Merkez Mah.
Pehlivan Sok. No.6/C
34303 Küçükçekmece - İstanbul
Türkiye
Tel: 0212 471 11 47
Faks: 0212 705 53 93
info@pce-cihazlari.com.tr
www.pce-instruments.com/turkish

The Netherlands
PCE Brookhuis B.V.
Twentepoort West 17
7609 RD Almelo
Nederland
Telefoon: +31 (0)53 737 01 92
info@pcebenelux.nl
www.pce-instruments.com/dutch

United States of America
PCE Americas Inc.
1201 Jupiter Park Drive, Suite 8
Jupiter / Palm Beach
33458 FL
USA
Tel: +1 (561) 320-9162
Fax: +1 (561) 320-9176
info@pce-americas.com
www.pce-instruments.com/us

Denmark
PCE Instruments Denmark ApS
Birk Centerpark 40
7400 Herning
Denmark
Tel.: +45 70 30 53 08
kontakt@pce-instruments.com
www.pce-instruments.com/dansk

Subject to change without notice