

QCY AilyBuds Pro- Specifications

Pictures



Brief

	Details
Product name	QCY AilyBuds Pro/Pro+ Semi In-ear ANC Earbuds
Model name	
Brand	QCY
Type	Dynamic
Wearing style	Semi in-ear
Manufacturer(Hele/Third -party)	Dongguan Hele Electronics Co., Ltd.
Manufacturer Address	Dalingya Industrial Zone Daojiao Town Dongguan
Production Address	Dalingya Industrial Zone Daojiao Town Dongguan
Cooperation	Production & Marketing
Performance Standards	Inner Standards of QCY

Software

	Details
Bluetooth chip & version	WQ7034AX V5.3
Bluetooth protocols	HFP/HSP/ AVRCP/ A2DP
Waterproof	
Operation range/ Antenna	10m/ PCB ceramic
Battery capacity/ type	27mAh(earbud)/ 350mAh(charging case)/ Rechargeable Li-polymer
Total time	Pro ANC OFF: 5.5-hour playback; 3-hour calling; 30-hour total battery life(with charging case) ANC ON: 4 hours by single charge; 23-hour total battery life(with charging case) Pro+ ANC OFF: 5-hour playback; 3-hour calling; 28-hour total battery life
Playback time (85% of volume/ @90dB SPL)	
Playback time (85% of volume/ @80dB SPL)	
Playback time (50% of volume/ @90dB SPL)	
Playback time (50% of volume/ @80dB SPL)	
Charging time	No more than 2 hours
Standby time	
Noise canceling/ SNR	Adaptive ANC(balanced pressure on ears), 6-mic ENC for call
Button	Smart touch control* 1
Major functions	√Answer/end/ignore call Last number redial Mute call switch √Call transfer √Multi-point connection √Voice assistant summon √Music playback √Skip track forward Volume control Touch to skip track in a loop Press to increase/decrease volume in a loop √IOS/MiUI system battery level display √ Factory reset √Voice prompt Voice prompt switch between Chinese and English √TWS √Magnetic earbuds √ Magnetic switch BLE steps counting WIFI Built-in storage aptX NFC Remarks: AI adaptive audio, adaptive wind noise canceling, low-latency mode, QCY App and pairing pop-up are available
LEDs on earbuds	√Solid red √ Solid white √ Blinking white
LED on charging case	Red & white
Sound(1KHz)	
Impedance	32Ω±15%
Frequency range	20 Hz - 20 kHz
Rated power	
Driver size	13mm woolen-paper bio-diaphragm driver
Distortion	≤3% (50Hz-5KHz)
Driver unit sensitivity(1kHz)	102±3dB @1kHz -10dBFSbyIEC -711
Mic sensitivity(1kHz)	-7±4dB@1kHz1Pa(WideBand)

Port

	Details
Type	Type-C

What's in the Box

	Details
Accessory list	√ User manual Warranty card earbuds √ Charging cable charger/power adapter Buckle
Accessory list	Eartips for calling Eartips for playback Eartips for sport Shark-fin ear Earhook
Size	S M L S M L S M S M Universal
Quantity	3 3 pairs 3 3 pairs 1
Others	Charging case * 1

Power adapter

	Details
Charging voltage of case	5VDC
Charging current of case	Approx. 300mA
Charging voltage of earbuds	DC5V
Charging current of earbuds	Approx. 25mA
Rated power	/
DC cable length	/
DC cable port type	Type-C

Battery

	Details
Type:	Li-polymer
Model	
Rechargeable battery, charging	
Rechargeable battery, rated	DC 5V voltage range: 5V +/-0.25
Charging temperature range	27mAh/350mAh(Earbud/charging case)
Discharging temperature range	
Rated output(voltage/current: V/mA)	
Cycle life	
Self-discharge	
Standby time	Approx. 40hr
Battery life	ANC OFF 28h(with charging case) 5.5h ANC ON 20h(with charging case) 4h
Weight	