



Specification	
Product Model: L50 ANC	
Hardware Versions: P1-A2-L50 ANC	Software Versions: Bluetooth Name ANC Headphone_One Tow Two_V301 Patch v3_220622eq_Check Code A4FC-A87E5CF3

PCB Specification		
PCB Plate:FR-4	Plate Thickness: 1.0mm	Layers: 2 layers
Process: lead-free tin spraying green oil white characters	Size: 49.1*53.5mm（motherboard）	

Functional parameters

1	Bluetooth version	Bluetooth 5.1
2	Controller chip	AC6955F
3	Binomial name	ANC Headphones(Neutral)
4	Supported protocols	HSP,HFP ,A2DP and AVRCP
5	Supported audio formats	SBC
6	Transmission distance	≥10m
7	Operating frequency	2.402-2.480GHZ
8	Transmission power	CLASS 2
9	Firing power	6dBm
10	TF card	Unsupported
11	FM	Unsupported
12	NTC	Unsupported
13	24V withstand voltage protection	Unsupported
14	Battery capacity	350mAh
15	Charging voltage	DC 4.75-5.25V
16	Charging current	400mA(Maximum support 900mA dadjustable)
17	Charging time	1.5h
18	Operating current	35mA (Bluetooth & noise cancellation) 25mA (Bluetooth) 10mA (noise cancellation)
19	Temperature range	—20°C to +60°C
20	Call time	15h
21	Playing time	15h (70% volume) (Bluetooth-only)
22	Leakage current	2uA
23	Maximum cumber of pairs	8 pairs
24	One tow two	Support
25	IOS battery display	Support
26	Noise reduction type	Rear-feed noise cancellation (single feed)
27	Noise cancellation master chip	TI (brand)
28	Noise reduction depth	23db±2
29	Effective bandwidth for noise reduction	20-800HZ
30	Horn impedance	32Ω
31	Frequency response	20-20kHz
32	Noise cancellation master chip	TI (brand)
33	Speaker sensitivity	115dB
34	Effective bandwidth for noise neduction	20-800HZ
35	Microphone sensitivity	40±2dB

UI Operating Instructions

No.	Functionality	State of Affairs	Operation	Beeps	Indicator Light
1	Switch on	Switch off	Press and hold ON/OFF key for 2 seconds	Power on	Blue light is on for 1 second and then blue and red light blinks alternately
2	Switch off	Switch on	Press and hold the ON/OFF button for 2 seconds	Power off	Power off Red light blinks 2 times
3	Enter pairing	Switch off	Press and hold the ON/OFF button for 2 seconds, the bluetooth headset power on automatically enter pairing mode	Pairing	Red and blue light flashing alternately
4	Successfully connected with the mobile phone	Standby	\	Connected	Blue light long light
5	Disconnected from mobile phone	Standby	\	Disconnected	Red and blue lights alternately flashing
6	Switch on and back to connected	Switch off	Switch off Press and hold the ON/OFF button for 1 second, the Bluetooth headset will automatically connect back to the previously paired device after switching on	Connected	The blue light will be on for a long time
7	Ultra-distance disconnected	Connected standby state	Headset and mobile phone beyond a certain distance disconnected	Disconnected	Red and blue lights flash alternately
8	Ultra-distance back to connect	Unconnected standby state	When the headset and mobile phone are not disconnected for more than 5 minutes, it can be connected when it returns to the effective range	Connected	Blue light is on for a long time
9	End code redialling	Standby/Playback	Double press ON/OFF key	/	
10	Disconnected	Connected	Press and hold V+, V- simultaneously for 4 seconds	Disconnected	Red and blue light flashes alternately
11	Incoming call alert	Incoming call	/	Incoming call	Blue light turns on once every 3 seconds
12	Call status	Incoming call	/	/	Blue light turns on once every 3 seconds
13	Answer call	Incoming call	Click ON/OFF button	/	/
14	Hang up call	Incoming call	Long press ON/OFF key to doodle	Beeps 'doo'	/
15	Reject call	Incoming call	Long press ON/OFF key for 1 sec	/	/
16	Music play/pause	Standby	Short press ON/OFF key once to play music/then short press ON/OFF key once to pause	/	Blue light stays on while music is paused. The blue light turns on every 3 seconds while the music is playing
17	Next Song	Standby/Play	Long press headphone V+ button		
18	Previous Song	Standby/Play	Long press headphone V- button		
19	Volume up	Standby/Play	Short press headphone V+ button	Maximum volume beeps 'Tick Tick '	
20	Volume down	Standby/Play	Short press headphone V- button	Minimum volume beep 'Tick Tick '	
21	Low battery alarm	Standby, talk, music	When the battery voltage is as low as: 3.4V	20 seconds to prompt once 'battery low'	Red light on every 3 seconds. Blue light does not light up
22	Low battery shutdown	Standby, talk, music	When the battery voltage is as low as: 3.3V; Auto power off	/	/

No.	Functionality	State of Affairs	Operation	Beeps	Indicator Light
23	Charging indicator	Charging			Red light on
24	Charging complete	Charging			Lights off
25	Charging power off	Normal connection	Power on, charging Bluetooth off	Power off	
26	Wired shutdown	Normal connection	Plug in audio connection power off	Power off	
27	Auto shutdown		No connection for 5 minutes, auto power off	Power off	
28	ANC on	ANC off	ANC switch pushed to ANC ON position	/	Green light stays on
29	ANC off FCC	ANC on	ANC switch pushed to ANC OFF position	/	Green light off
30	Activate "Siri"	Standby/Playback	clicks on the ON/OFF button three times	/	Blue light turns on every 3 seconds

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

Made in China

