

产品规格书

产品型号	版本	结构设计	电子设计	软件设计	批准	日期
Y60	V1.0	周工	王工	刘工	王工	2022.10.15

Item		Specification
Technical parameter	Product type	Helmet bluetooth headset
	Bluetooth device name	Y60
	Volume adjustment mode	Touch the button to adjust
	Feature	Bluetooth 5.3,magic light effect, FM, waterproof IPX6, Voice clear and loud, Bluetooth intercom
	Bluetooth distance	10M (barrier free)
	Storage type	NC
	Charging voltage	5V/1A
	Power supply	Lithium battery3.7V 2000MAH
	Standby time	270H
	Headphone interface	TYP-C
	SNR	78dB
	Charging time	About 2.5H
	Bluetooth playback duration	About 15H (volume max)
	Frequency response	100Hz~18KHz
	Product size	92.1MM*46.4MM*27.2MM
	Weight	56g(bare metal)
	USB type	TYPE-C
Functional support	File format	NC
	Bluetooth call	Support
	TF card playback	NC
	Bluetooth playback	Support
	USB playback	NC
	USB sound card playback	NC
	External audio source access	NC
	Bluetooth back-connection	Support
	Voice on/off	NC
	Battery status	Support IOS device battery display
	Ring tone	Support

	Internal recording function	NC
	TWS	NC
	FM radio	Support (Frequency range: 87.5MHZ-108.0MHZ)
Voice prompt	Power on tone	“power on”
	Power off tone	“power off”
	Recording mode	NC
	Bluetooth mode prompt tone	“ pairing”
	Percussion rhythm music	NC
	Exit percussion rhythm music	NC
	External audio mode prompt tone	NC
	TF card mode prompt tone	NC
	Maximum volume	“Dong”
	Bluetooth connected prompt tone	“Connected”
	Bluetooth disconnected prompt tone	“Disconnection”
	Bluetooth back-connection prompt tone	“Connected”
	Incoming call ring tone	“Du...Du...”
	Reader mode prompt tone	NC
	Low battery warning	“Low battery”
Charging feature	Charging while playing function	NC
	Trickle charging current	I=90mA
	Standard charging current	I= 900mA
	Fully charged cutoff current	I≤ 0.55mA
	Speaker fully charged voltage	4.15 V≤Vbat≤ 4.25 V
	Static current	Vbat= 4.2 V ≤ 55 uA
	Over-current protection	2.5A±0.5A

	Short-circuit protection	Yes		
	Software over-release protection	Vbat≤2.6V		
	Turnoff current	≤ 90 uA		
	No-load voltage	4.20±0.15V (Fully charges)		
	Charging LED indicator mode (Keep the LEO on while charging and turn it off when fully charged)	Voltage	LED1	
		4.13V≤Vbat≤4.25V	Off	
		3.00V≤Vbat<4.13V	On	
Speaker function button	Power button	Press the button for 3 seconds		
		Music mode: Short press to play or pause music; Incoming call mode: short press to answer a call, and short press the button again for hanging up. Long press to reject or hang up call; Double-click redial the last number.		
	Volume up	In music playing mode: Long press the volume "+" to increase the volume. Short press the button for next sound FM mode: short press to switch to a saved station, and long press to increase the volume		
	Volume down	In music playing mode: Long press the volume "-" button to reduce the volume. Short press to switch to the previous song; FM mode: short press to switch to a saved station, and long press to decrease the volume		
	Mode button	Short press to switch RGB light mode Long Press to switch between Bluetooth and FM modes		
LED status indicator	Bluetooth pairing status	The power button LED blinks quickly		
	Bluetooth pairing succeed	The power button LED keeps on		
	Time out	The power button LED blinks slowly		
	AUX playback mode	NC		
	TF card playback mode	NC		
	Bluetooth playback mode	The power button LED keeps on		
	Volume Max	NC		
	Volume Min	NC		
	Stand by	Bluetooth mode is not connected and no operation within 5 minutes the device will be automatically shut down		
	Fully charged	Red LED off;		

Product
Photo

