

BOM Remotes

	# required	Type	Example Link	Contained in Kit	Comment
PCB Left Top	1	n/a		yes	
PCB Left Bottom	1	n/a		yes	
PCB Right Top	1	n/a		yes	
PCB Right Bottom	1	n/a		yes	
Enclosure Left Top	1			yes	
Enclosure Left Bottom	1			yes	
Enclosure Right Top	1			yes	
Enclosure Right Bottom	1			yes	
Lanyard	2			yes	
Display	1		https://de.rs-online.com/web/p/lcd-displays-farbig/1647079?	yes	
Ball Knob	2		PCBWAY	yes	1 extra should one get lost
Ball Know Screw	2			yes	
Joystick Lever	2			yes	
Joystick	2		https://a.aliexpress.com/_EGkkT9R	yes	Self solder
Potentiometer	2	3352T-102LF-ND	https://www.digikey.de/de/products/detail/bourns-inc/3352T-1-102LF/1088340	yes	Self solder
Endless Pot	1	CJMCU-103	https://www.digikey.de/de/products/detail/bourns-inc/3382G-1-103G/1944267	yes	Populated
Side Buttons	10		https://de.aliexpress.com/item/1005004331522633.html?	yes	Self solder
ESP32 Board	2		https://www.digikey.de/de/products/detail/seeed-technology-co-ltd/113991114/19285530?	yes	Populated
XBee Board	2		https://mou.sr/3zKN4ZJ	yes	Populated
Antenna	2		https://www.amazon.de/gp/r.html?	yes	Using ESP32 2.4Ghz antennas works well
On/Off Switch	2		https://a.aliexpress.com/_EJZx0Ff	yes	Self solder
Battery	2		https://www.amazon.de/dp/B0CSSFQL94?	no	Definitely not bigger than 45mm x 22mm x 6.9mm. Leads need to be reversed!!!
Inner screws M2x3	10		https://a.aliexpress.com/_EJgM4EH	yes	
Outer screws M2x12	10		https://a.aliexpress.com/_EwoJmZ	yes	
Hex key 1,3mm	1		https://a.aliexpress.com/_EJxqiKl	yes	
Hex key 1,5mm	1		https://a.aliexpress.com/_EJxqiKl	yes	
Connection Pins 12 long	1		https://de.aliexpress.com/item/1005005112381207.html?	yes	
Connector Female 4 Pin	1		https://de.aliexpress.com/item/1005002534767823.html?	yes	

	# required	Type	Example Link	Contained in Kit	Comment
Connector Female 6 Pin	1		https://de.aliexpress.com/item/1005002534767823.html?src=google&aff_fcid=88c2a0fb418a461f8ba91fb1a684fba1-17272	yes	