

GMRS Handheld Radios - Recommended (v2 6/10/2025)

SJNCERT.ORG provides programming support for these recommended radios

	TidRadio TD-H3	Wouxun KG-805G	Wouxun KG-905G
Overall Rating	#3	#2	#1
	"Value Buy"	"Good"	"Better"
Radio + Antenna Upgrade	\$33	\$86	\$106
Good	Price	Superhet receiver	Superhet receiver
	USB-C charging	USB-C Charging (5)	USB-C charging
	Weather channels	Water resistant	Waterproof
	CHIRP Programming	CHIRP Programming	
Bad	Not Water Resistant	No Weather Channels	No Weather Channels
	Keypad		

Details

Radio	\$27(3)	\$80	\$100
Antenna Upgrade GMRS (4)	\$6	\$6	\$6
Radio + Antenna Upgrade	\$33	\$86	\$106
Receiver Design (superhet is better)	Direct Conversion	Superheterodyne	Superheterodyne
NOAA Weather Channels	Yes	No	No
Receive Only Channels	Ham VHF/UFH/Air+	Ham UHF	Ham UHF
Front Keypad (confusing for beginners)	Yes	No	No
Channel Knob (ease of channel selection)	No Only Up/Down Buttons	Yes Plus Up/Down Buttons	Yes Plus Up/Down Buttons
Radio Size	Compact	Mid-Size	Large
Water Resistant	Not IP Rated Not Water Resistant	IP55 Water Resistant "good"	IP66 Waterproof "better"
Transmitter Power	5 Watts	5 Watts	5 Watts
Battery Capacity (larger = longer run time)	2500 mAH	1700 mAH	2600 mAH
USB-C Charging (charging convenience)	Yes	Yes (5)	Yes

Programing Software	OEM Software, wireless plus	OEM Software plus	OEM Software
(CHIRP = better user interface)	CHIRP	CHIRP	
Other Features	Bluetooth		
Warranty	6 Months	1 Year	1 Year
Notes	<p>(1) Prices & links are subject to change, these products are made in China</p> <p>(2) Generally amazon & buytwayradios are best websites to purchase from; amazon has most liberal return policy; consider return policy and total price (including shipping) -> double check description on seller website as description may change</p> <p>(3) Amazon has mutiple package deals for TD-H3, the long antenna included is usually not for GMRS (consult with your CERT district or SJNCERT radio team)</p> <p>(4) GMRS antenna upgrade need to be purchased separately on Amazon, \$11 for 2 -> you want TidRadio TD-771 GMRS antenna</p> <p>(5) Wouxun makes a USB-C battery for the KG-805G (\$30 extaa); on buytwayradios they are now selling the radio with the USB-C battery included</p>		
TidRadio TD-H3 (radio)	https://www.amazon.com/TIDRADIO-TD-H3-GMRS-Radio-Programming/dp/B0CSK1T93R/ref=sr_1_5_sspa?crid=3W02268KC60MS&dib=eyJ2ljojMSJ9.N7TxiWkz7aKx610LbaotQ2egk6n2jq_MBlc9PWM8hY5BWNJRSM1U6xoR0fklR9mngm0InyLEcq167U6ro1uH2V8ONcyNfnAgf5e9g0GgLaQlgDoEwUYzYyMvVR8W_PDhAjaoo3i5EnGNP640g7BMMcQYRFTLJMjTmTMW4HcelHF_MqlwsQu7eDTHTYmUFQW4wsxzUsiw8pZ6PF9cPQ1zS2DZKLXiDuPxOdhrbESm0.8uu6Kk-19dbcBO4Rpi3j3CZQ88TSTwKlWII8Vo8tNgE&dib_tag=se&keywords=tidradio%2Btd-h3%2Bgms&qid=1749585632&srefix=tidradio%2Btd-h3%2Bgms%2Caps%2C235&sr=8-5-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9tdGY&th=1		
Wouxun IG-805G (radio)	https://www.amazon.com/Wouxun-KG-805G-Professional-GMRS-Radio/dp/B0885SQ2BV/ref=sr_1_2?crid=1LOMB3RSJSMDJ&dib=eyJ2ljojMSJ9.ANag6vxPg7RmTsv9cy2zKQSuByLJQ4Av3YMBntgRySLGjHj071QN20LucGBJIEps.GnFaXodOMYnqcgAJYQJooVE1o15ZGTx4cegk6DqO8xc&dib_tag=se&keywords=kg805g&qid=1749663234&s=electronics&srefix=kg805g%2Celectronics%2C178&sr=1-2		
Wouxun KG-905G (radio)	https://www.amazon.com/Wouxun-KG-905G-Professional-GMRS-Radio/dp/B09WQPLNNR/ref=sr_1_1?crid=T97H4XD275ZT&dib=eyJ2ljojMSJ9.EdWYVmyCfC0zhMuxuqbEVXAUW5rQUyvhctgrTFO9azGjHj071QN20LucGBJIEps.b-1360QLx8JWfGtYgZou7RfM_NFrzJ-WlJOAI4YsRN8&dib_tag=se&keywords=kg905g&qid=1749663168&s=electronics&srefix=kg905g%2Celectronics%2C158&sr=1-1		
TidRadio TD-771 GMRS (antenna upgrade)	https://www.amazon.com/TIDRADIO-GMRS-Antenna-462-468Mhz-UV-5R%EF%BC%8CUV-5G/dp/B0CY8CQXW7/ref=sxin_16_pa_sp_search_thematic_sspa?content-id=amzn1.sym.2da95b6c-f59a-4699-bc43-d0ff036c6388%3Aamzn1.sym.2da95b6c-f59a-4699-bc43-d0ff036c6388&crid=3H9H3XLI53F9Y&cv_ct_cx=tidradio%2Bantenna&keywords=tidradio%2Bantenna&pd_rd_i=B0CY8CQXW7&pd_rd_r=b48dce5a-797e-4fa9-b0ca-470e5678ab21&pd_rd_w=ea2Xt&pd_rd_wg=bdbhu&pf_rd_p=2da95b6c-f59a-4699-bc43-d0ff036c6388&pf_rd_r=8RE25H67HR7TPWX6DZ0Y&qid=1749586001&sbo=RZvfv%2F%2FHxDF%2BO5021pAnSA%3D%3D&srefix=tidradio%2Bantenna%2Caps%2C235&sr=1-1-6024b2a3-78e4-4fed-8fed-e1613be3bcce-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9zZWFY2Y2hfdGhlfWF0aWm&th=1		
Wouxun KG-805G (radio includes USB-C battery)	https://www.buytwayradios.com/wouxun-kg-805g.html		
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