

# Push-To-Talk Comparison



	Iridium Extreme® PTT	with Docking Station	Inmarsat L-Tac	Inmarsat BGAN Explorer PTT	Ligado MSAT
Handheld vs Fixed	Handheld	Fixed with grab and go handset	Fixed or manpack	Fixed only	Fixed only
Approximate Retail Cost	\$1,699	\$2,799	\$5,999	\$6,995 BGAN + \$1,400 PTT	\$4,799
Vehicular Antenna Size (Diameter)	N/A - handheld	3.6 cm	14.6 cm	35 cm	28 cm
Total Weight	0.28 kg	0.5 kg	1.7 kg	5.6 kg	5.3 kg
Satellite Coverage	Global	Global	70° N to 70° S	70° N to 70° S	North America Only
PTT Reach	Global	Global	Multiple beams with lease	70° N to 70° S	North America Only
Talkgroup Programming	Web App - customer use	Web App - customer use	Customer must call Service Provider	Customer must call Service Provider	Customer must call Service Provider
Time to Change Mission Parameters or Program Terminal	Minutes - over the air	Minutes - over the air	Hours	Hours	Hours
In-Call Latency	0.5 sec	0.5 sec	2 sec	2 sec	3 sec
Interoperability with Other PTT	Yes	Yes	Yes	Yes	Yes
Developer Kit*	Yes	Yes	No	No	No

\*Allows value added manufacturers to build their own PTT radio or build into existing communication systems

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