L3HARRIS™
FAST. FORWARD.

P25 PORTABLE AND MOBILE RADIO

Mission-Critical Communications

MORE WAYS, MORE PLACES TO CONNECT

On the frontlines of an emergency, the ability for First Responders to communicate with teammates and partners on a reliable, secure network is important. That's why we developed the industry's first converged Land Mobile Radios (LMR) with LTE. We've also expanded our P25 portfolio to include a range of capabilities providing more ways to keep you connected.

Secure. Reliable. Proven Interoperability.

These are the hallmarks of L3Harris P25 portables and mobiles. Open standards-based and software-defined, our solutions give you more choices of networks, proven interoperability and a flexible migration path to P25 and broadband. They are future-ready investments, with capabilities that keep pace with your agency's changing needs and tightening budgets.

> XL FAMILY of converged LTE LMR portables

> Intrinsically safe configurations for operations in hazardous environments

> Multimode, digital, analog and P25 Phase 1 and 2 capabilities

L3Harris is dedicated to strong collaborations with Public Safety agencies and utilities around the world. These insights fuel our mission to develop the best P25 solutions available.

Our attention to detail can be felt and heard on each of our radios. L3Harris P25 solutions provide loud and clear audio—free from distortion even in noisy environments.

Ruggedized for top performance in harsh environments, our compact, lightweight solutions are ergonomically designed for gloved-hand operation. Simplified user interfaces make navigation and fast switching to priority talk groups easier.

> Rugged construction to meet intrinsically safe and multiple MIL-SPEC standards for immersion and flammability

> Industry-leading options for advanced connectivity through LTE, Bluetooth®, Wi-Fi®, GPS and BeOn®

> Loud, clear audio pierces through noisy environments

> Compact, lightweight with long-life battery

> Multiple encryption options to keep communications secure

CONVERGED LTE LAND MOBILE RADIOS

Trust When it Matters Most

The powerful and rugged L3Harris XL FAMILY of portables merges crystal clear audio with voice and data over nationwide broadband networks to improve Situational Awareness. The XL FAMILY also includes configurations meeting Underwriter Laboratories' (UL) Class 1, Division 1 (C1D1) certification for intrinsically safe operations in potentially explosive environments.

Available colors | Available colors | Available colors | Available colors | Available colors

	XL-200P (LTE)	XL-200P*i*	XL-185P (LTE)	XL-185P*i*	XL-150P (LTE option)
Frequency Band (MHz)	Full-spectrum Multiband VHF, UHF-H, 700/800, LTE option	Full-spectrum Multiband VHF, UHF-H, 700/800	Single-band VHF, UHF-H, 700/800/900, LTE option	Single-band VHF, UHF-H, 700/800	Single-band VHF, UHF-H, 700/800
Operating Modes	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)		Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)
Rated RF Power (W)	3.0 - 6.0	3.0 - 6.0	3.0 - 6.0		3.0 - 6.0
Channel Spacing (kHz) WB/NB1	25/12.5	25/12.5	25/12.5		25/12.5
Dimensions (H x W x D in)2	5.8 x 2.3 x 1.4	5.8 x 2.3 x 1.6	5.8 x 2.3 x 1.4	5.8 x 2.3 x 1.6	5.8 x 2.3 x 1.6
Approximate Weight (oz) with antenna and battery	16.2	17.9	16.2	17.9	17.9
Battery Life (5/5/90)	Up to 10 hours	10 hrs	10 hrs		10 hrs
Display	16-bit Color Transflective LCD (w/Backlight LED)	16-bit Color Transflective LCD (w/Backlight LED)	16-bit Color Transflective LCD (w/Backlight LED)		16-bit Color Transflective LCD (w/Backlight LED)
Keypad	Full or Limited	Full or Limited	Full or Limited		Full
Channel/Zone Switch	A/B/C/D	A/B/C/D	A/B/C/D		A/B/C/D
Channel/Talkgroup /Capacity	12,500 Standard	12,500 Standard	12,500 Standard		12,500 Standard
Durability Rating (MIL-STD-810G)	Immersible 2 m (4 hrs) IP-68	Immersible 2 m (4 hrs) IP-68	Immersible 2 m (4 hrs) IP-68		Immersible 2 m (4 hrs) IP-68
Encryption	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES		ARC4, Single-key AES/DES
P25 Over-the-Air-Rekeying (OTAR)	Optional	Optional	Optional		Optional
Over-the-Air-Programming (OTAP)	Optional	Optional	Optional		N/A
Wi-Fi Capability	Standard	Standard	Standard		Standard
GPS Capability	Standard	Standard	Standard		Standard
Bluetooth Functionality	Standard	Standard	Standard		Standard
Instant Recall	Standard	Standard	Standard		Standard
Active Noise Cancellation	Standard	Standard	Standard		Standard
Man Down	Optional w/Accessories	Optional w/Accessories	Optional w/Accessories		Optional w/Accessories
Lone Worker	Optional w/Accessories	Optional w/Accessories	Optional w/Accessories		Optional w/Accessories
Voice Annunciation	Standard	Standard	Standard		Standard
Intrinsically Safe	No	Yes	No	Yes	No

SPECIFICATIONS

FEATURES

1 WB/NB designates Wideband and Narrowband. 2 Dimensions include the battery and excludes the measurement of the knobs and antenna.

SINGLE-BAND PORTABLE RADIOS

Tough Streets. Tough Radios.

Our single-band portables deliver clear, distortion free audio and proven interoperability. They're equipped with Man Down and Lone Worker technologies to help enhance worker safety. Communications are secured through single and multi-key AES/DES encryption.

Available colors

Available colors

	TP9400	TP9400 INTRINSICALLY SAFE	TP9600	XG-15P	XG-25P	XG-75P / XG-75Pe
Frequency Band (MHz)	Single-band VHF, UHF-L, UHF-H, 700/800	Single-band VHF, UHF-L, UHF-H, 700/800	Single-band VHF, UHF-L, UHF-H, 700/800	Single-band VHF, UHF-H, 700/800	Single-band VHF, UHF-L, 700/800	Single-band VHF, UHF-L / UHF-H, 700/800
Operating Modes	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)
Rated RF Power (W)	3.0 - 5.0	3.0 - 5.0	3.0 - 5.0	3.0 - 5.0	3.0 - 5.0	5.0 - 6.0 / 3.0 - 6.0
Channel Spacing (kHz) WB/NB[1]	25/20/12.5	25/20/12.5	30/25/20/15/12.5/6.25	25/12.5	25/12.5	25/12.5
Dimensions (H x W x D in) with standard battery	5.4 x 2.6 x 1.6	5.4 x 2.6 x 1.8	5.7 x 2.6 x 1.8	5.4 x 2.4 x 1.7	5.9 x 2.4 x 1.9	5.9 x 2.4 x 1.9
Dimensions (H x W x D in) with high-capacity battery	5.4 x 2.6 x 1.8	—	5.7 x 2.6 x 2.0	—	5.9 x 2.4 x 1.9	5.9 x 2.4 x 1.9
Approximate Weight (oz) with standard battery and antenna	12.1	15.2	11.8 oz - no antenna	13.8	15.0 - 18.8	14.4 - 18.3
Approximate Weight (oz) with high-capacity battery and antenna	13.8	—	13.5 - no antenna	—	—	—
Battery Life (5/5/90)	Up to 16 hours	Up to 15 hours	Up to 18 hours	Up to 10 hours	Up to 16 hours	Up to 16 hours
Display	32.2 x 15.1 mm monochrome	32.2 x 15.1 mm monochrome	35.3 x 26.5 mm color	Dot Matrix LCD	Dot Matrix LCD	Dot Matrix LCD
Keypad	Full/Limited	Full	Full/Limited	Full	Full or Limited	Full or Limited
Channel/Zone Switch	A/B/C	A/B/C	A/B/C	—	—	A/B / A/B/C
Channel/Talkgroup/Capacity	1,000 Channels Standard (2,000 Opt.)/ 1,000 Talkgroups Standard (2,000 Opt.)/ 50 Zones Standard (100 Opt.)	1,000 Channels Standard (2,000 Opt.)/ 1,000 Talkgroups Standard (2,000 Opt.)/ 50 Zones Standard (100 Opt.)	1,000 Channels Standard (2,000 Opt.)/ 1,000 Talkgroups Standard (2,000 Opt.)/ 50 Zones Standard (100 Opt.)	512 Standard	512 Standard/1,024 Optional	1,024 Standard
Durability Rating (MIL-STD-810G)	IP-68 Immersible 2 m (30 mins)/1 m (2 hrs)	IP-67 Immersible 1 m (30 mins)	IP-68 Immersible 2 m (30 mins)/1 m (2 hrs)	IP-54 Dust-protected/Splashing Water	IP-66 Dust-tight/Powerful Water Jets	IP-68 Immersible 2 m (4 hrs)
Encryption	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC 4, Single-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES
P25 Over-the-Air-Rekeying (OTAR)	Optional	Optional	Optional	—	Optional	Optional
Over-the-Air-Programming (OTAP)	Optional	Optional	Optional	Optional	Optional	Optional
Wi-Fi Capability	—	—	OTAP	—	—	—
GPS Capability	Standard	Standard	Standard	Optional w/Accessories	Optional w/Accessories	Optional w/Accessories
Bluetooth Functionality	Optional	—	Optional	Optional w/Accessories	Optional w/Accessories	Optional w/Accessories
Instant Recall	—	—	—	Standard	Standard	Standard
Active Noise Cancellation	—	—	Standard	—	—	Standard
Man Down	Standard	Standard	Standard	Optional w/Accessories	Optional w/Accessories	Optional w/Accessories
Lone Worker	Standard	Standard	Standard	Optional w/Accessories	Optional w/Accessories	Optional w/Accessories
Voice Annunciation	Standard	Standard	Standard	Standard	Standard	Standard

SPECIFICATIONS

FEATURES

[1] WB/NB designates Wideband and Narrowband.

MOBILE RADIOS
Experience the Power of Connectivity

L3Harris longevity and expertise in tactical communications technology is unmatched. We leverage this, along with First Responder insights, to engineer mobile radios delivering rugged, reliable performance for Public Safety and Utilities.

TM9400 DASH MOUNT WITH KEYPAD AND MICROPHONE

XG-25M FRONT MOUNT WITH CH-25 CONTROL HEAD UNIT

XG-75M FRONT MOUNT WITH CH-721 FULL KEYPAD CONTROL UNIT

XG-100M FRONT MOUNT WITH CH-100 TOUCHSCREEN CONTROL UNIT

XL-185M AND XL-200M FRONT MOUNT WITH MICROPHONE

		TM9400	XG-25M	XG-75M	UNITY® XG-100M	XL-185M AND XL-200M	
						XL-185M Single-bandVHF-L, VHF, UHF, 700/800 or 900, LTE option	**XL-200M** Multiband VHF-L, VHF, UHF, 700/800 and 900, LTE option
SPECIFICATIONS	Frequency Band (MHz)	Single-band VHF, UHF, 700/800, LTE option	Single-band VHF, UHF, 700/800	Single-band VHF, UHF-L, UHF-H, 700/800	Multiband VHF-L, VHF, UHF, 700/800		
	Operating Modes	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1&2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	Analog Conventional, P25 Conventional, P25 Trunking (Phase 1 & 2)	
	Rated RF Power (W)	VHF: 50, UHF: 40, 700/800: 30/35	VHF: 50, UHF: 50, 700/800: 30/35	VHF: 50/110, UHF: 50, 700/800: 30	VHF-L: 100, VHF: 50, UHF: 50, 700/800: 30/35	VHF-L: 100, VHF: 50, UHF: 50, 700/800: 30/35, 900: 35	
	Channel Spacing (kHz) WB/NB[1]	25/20/12.5	25/12.5	25/12.5	25/20/12.5	25/12.5	
	Dash Mount Dimensions (H x W x D in)	25 W: 2.1 x 6.3 x 6.9 30/35/50 W: 2.1 x 6.3 x 7.7	2.8 x 7.2 x 7.9	VHF Radio Only (110W): 2.4 x 6.9 x 11.0 VHF Radio Only (50 W): 2.0 x 6.9 x 9.2 UHF + 700/800 Radio Only: 2.0 x 6.9 x 9.2	Front-Mount Radio with CH-100: 3.3 x 7.0 x 11.6 Front-Mount Radio with CH-721: 2.4 x 6.9 x 12.8	2.4 x 6.9 x 12.8	
	Approximate Weight[2]	25 W: 3.3 lbs 30/35/50 W: 3.8 lbs	5.9 lbs	Remote Mount: 7.6 lbs Front Mount: 5.9 lbs Remote Mount (Transceiver only): 5.3 lbs Control Head: 1.3 lbs	Front-Mount Radio with CH-100: 6.5 lbs Front-Mount Radio with CH-721: 5.9 lbs Remote Mount Radio: 5.3 lbs	7 lbs	
	Channel/Talkgroup Capacity	1,000 Channels Standard (2,000 Opt.)/ 1,000 Talkgroups Standard (2,000 Opt.)/ 50 Zones Standard (100 Opt.)	512 Standard/1,024 Optional	1,024 Standard	CH-100: 12,500 (1,250 per mission plan) CH-721: 1,250	12,500 (1,250 per mission plan)	
	Encryption	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	ARC4, Single-key AES, Multi-key AES/DES	ARC4, Single-key AES/DES, Multi-key AES/DES	
FEATURES	P25 Over-the-Air-Rekeying (OTAR)	Optional	Optional	Optional	Optional	Optional	
	Over-the-Air-Programming (OTAP)	Optional	Optional	Optional	Optional	Optional	
	Mounting Kit Options	Front, Remote, Desktop	Front, Remote	Front, Remote, Motorcycle, Desktop	Front, Remote, Motorcycle, Desktop	Front, Remote, Motorcycle, Desktop	
	Control Head Options	Fixed Head, Remote Head and Handheld Control Head	Fixed Head and Remote Head	Fixed, Remote and Handheld Controller	Fixed, Remote and Handheld Controller	Fixed, Remote	
	Durability Rating (MIL-STD-810G)	Dust-protected/Splashing Water: IP-54	Dust-protected/Splashing Water: IP-54	CH-721 control units meet IP-65/ MIL-STD-810, XG-75M radio unit (MRU) meets IP-55	CH-100 and CH-721 control units meet IP-65/ MIL-STD-810, XG-100M radio unit meets IP-55	Control Head meets IP-65, Radio body meets IP-54 /MIL-STD-810	
	GPS Capability	Optional (Accessory Required)	Optional	Optional	Standard	Standard	
	Bluetooth® Functionality	—	Optional	—	Standard	Standard	
	Lone Worker	Standard	—	—	—	Future	
	Annunciation	Standard	Standard	Standard	Standard	Future	
	Active Noise Cancellation	—	—	—	Standard (with CH-100)	Standard	
	Speaker	4 W Internal/10 W External	4 W Internal/15 W External	15 W External	15 W External	3 watt internal Control Head speaker, 15 watt external	
	Adjustable Backlighting	Standard	Standard	Standard	Standard (with CH-100)	Standard	

[1] WB/NB designates Wideband and Narrowband.   [2] Approximate weight without the mounting bracket.

P25 ACCESSORIES

Customize Your Connections

We offer a complete line of accessories, allowing you to customize your radio to your unique mission needs. Our solutions are engineered, tested and proven for the rugged, consistent performance First Responders rely on.
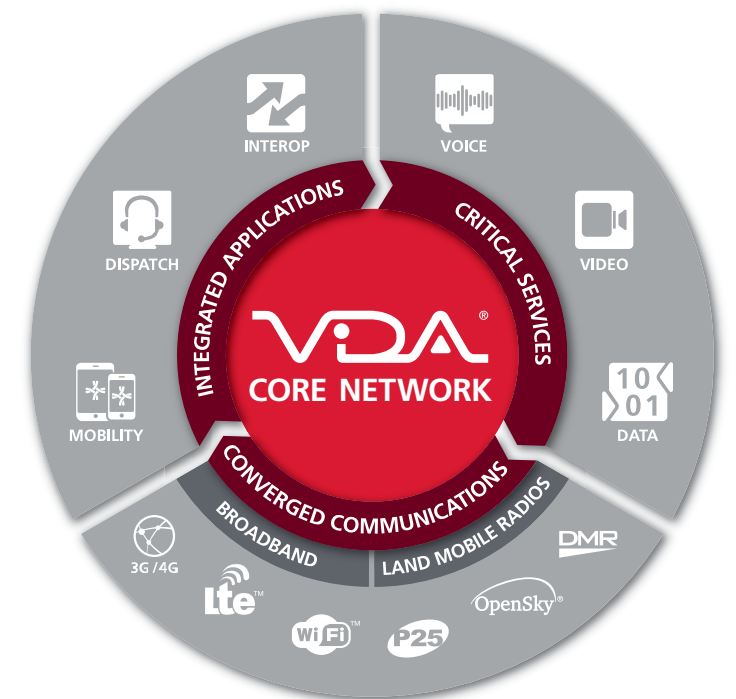

HANDHELD CONTROL HEAD	AUDIO	CONTROL UNITS (AVAILABLE FOR XG-75M, XG-100M AND XL-185M)	ANTENNAS
> Ruggedized	> Speakers	> Ruggedized	> Magnetic
> Compact design	> Mobile & desk microphones	> Limited keypad	> Flexible
> 3-line 12-character alphanumeric display	> DTMF microphones	> Color touchscreen (XG-100M)	> GPS

VIDA® CORE AND BeOn®

Connectivity is at the core of everything we do. We leverage our expertise in communications technologies for the strongest military in the world to develop advanced solutions for First Responders. From our powerful VIDA Core network and BeOn Push-To-Talk mobile application, to our converged LTE LMR solutions, we're dedicated to delivering not just the first, but the best products available today.

> Maintained First Responder connectivity in Florida, Texas and Puerto Rico during a decade of hurricanes, including Harvey, Irma and Maria

> Successfully deployed more than 500 trunked radio systems throughout U.S. and Canada

> Engineered wide-area and multi-state LMR systems for some of the nation's largest commercial companies

ONE SYSTEM
ONE COMPLETE SOLUTION

FAST. FORWARD.

PORTABLE AND MOBILE RADIO FAMILY

Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

L3HARRIS ™