



PCR COMPARISON GUIDE

PRODUCT GUIDE FOR PROFESSIONAL AND COMMERCIAL RADIOS

SPECIFICATIONS



MAIN RADIO FEATURES:	MOTOTRBO ION	MOTOTRBO R7 DISPLAY	MOTOTRBO™ R7 NON-DISPLAY	MOTOTRBO XPR3300E	MOTOTRBO XPR3500E	MOTOTRBO SL3500E
Max. Number of Channels	1,000	1,000	64	16	128	128
Keypad	Touchscreen	Full	No	No	Limited	Limited
Side Programmable Buttons	3	3	3	2	2	1
Front Programmable Buttons	No	2	No	No	2	2
Top Channel Knob Positions	Continuous	Continuous	16	16	16	Toggle (+ & -)
Top Programmable (Orange) Button	Yes	Yes	Yes	No	No	No
Ingress Protection Rating	IP68	IP66 and IP68	IP66 and IP68	IP67	IP67	IP54

ENHANCED RADIO FEATURES:						
GPS	Yes	Yes	Yes	No	No	No
Generic Optional Board	No	Yes	Yes	No	No	No
Android Applications	Yes	No	No	No	No	No
Intrinsically Safe Option	Optional	Optional	Optional	Optional	Optional	No
LTE	Yes	No	No	No	No	No
WiFi	Yes	Yes	Yes	Optional	Optional	Optional
Safety Features: Man Down/Lone Worker/ Emergency Button	Yes	Yes	Yes			

SYSTEMS SUPPORTED:						
Analog and Digital	Yes	Yes	Yes	Yes	Yes	Yes
IP Site Connect	Yes	Yes	Yes	Optional	Optional	Optional
Capacity Plus/Linked Capacity Plus	Yes	Yes	Yes	Optional	Optional	Optional
Capacity Max	Yes	Yes	Yes	No	No	No
WAVE OnCloud	Yes	*Future Enhancement	No	No	No	No

ESSENTIAL SERVICES - PREMIUM SOFTWARE FEATURES:						
Bluetooth: Audio and Data	Yes (Bluetooth 5.0)	Yes (Bluetooth 5.2)	Yes (Bluetooth 5.2)	Yes (Bluetooth 4.0)	Yes (Bluetooth 4.0)	Yes (Bluetooth 4.0)
Enhanced Privacy	Yes	Yes	Yes	Yes	Yes	Yes
Transmit Interrupt	Yes	Yes	Yes	Yes	Yes	Yes
Indoor Location	Yes	Yes	Yes	No	No	No
Text to Speech	Coming Soon	Yes	Yes	No	No	No
Transmit Inhibit	Yes	Yes	Yes	No	No	No
Audio Recording	No	Optional	Optional	No	No	No
Generic Sensor	No	Optional	Optional	No	No	No

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MAIN RADIO FEATURES:	XPR2500	XPR5300E	XPR5500E
Max. Number of Channels	128	32	1,000
Display	Monochrome	Monochrome, Numeric Only	Color, Alpha-Numeric
Keypad (via Enhanced Microphone)	Optional	Optional	Optional
Front Programmable Buttons	4	4	4
Handheld Control Head	No	No	Optional
ENHANCED RADIO FEATURES:			
GPS	No	Yes	Yes
Expansion Card	No	Yes	Yes
Third Party Applications	No	Yes	Yes
Remote Mount	No	Optional	Optional
WiFi	No	Yes	Optional
SYSTEMS SUPPORTED:			
Analog and Digital	Yes	Yes	Yes
IP Site Connect	Optional	Yes	Yes
Capacity Plus/Linked Capacity Plus	Optional	Yes	Yes
Capacity Max	No	Yes	Optional
ESSENTIAL SERVICES - PREMIUM SOFTWARE FEATURES:			
Audio and Data	No	Yes	Yes
Enhanced Privacy	Yes	Yes	Yes
Transmit Interrupt	Yes	Yes	Yes
Receive Audio Leveling	Yes	Yes	Yes
Indoor Location	No	Yes	Yes
Text to Speech	No	Yes	Yes
Transmit Inhibit	No	Yes	Yes

SPECIFICATIONS



MAIN RADIO FEATURES:	EVOLVE	TLK 100	TLK 150
Number of Talkgroups	Yes	96	96
Display	Yes	Active View Display	Monochrome
Menu Navigation Buttons	No	No	Yes
Front Programmable Buttons	No	No	2
Side Programmable Buttons	2	1	No
Channel Up / Down Button	Yes	Yes	Yes
GPS	Yes	Yes	Yes
Wideband Audio	Yes	No	Yes
Dedicated Emergency/SOS Button	Yes	No	Yes
WiFi	Yes	Yes	Yes
Cloud Device Management Capability	Yes	Yes	Yes
Bluetooth	Yes	Yes	No
SOFTWARE FEATURES INCLUDED WITH WAVE SUBSCRIPTION:			
WAVE SW Package Options	Yes	WAVE	WAVE
PTT (Private and Group Calls)	Yes	Yes	Yes
Presence (ON/OFFLINE)	Yes	Yes	Yes
Instant Personal Alert	Yes	Yes	Yes
Priority Talkgroup Scanning	Yes	Yes	Yes
Broadcast Calls	Yes	Yes	Yes
Geolocation	Yes	Yes	Yes
Emergency Calling and Alert	Yes	No	No
Ambient and Discreet Listening	Yes	No	No
User Check and Monitoring	Yes	No	No
Area Based Talkgroups	Yes	No	No
LMR Interoperability	Yes	Add On	Add On

