



Danimex.com/Academy

**MOTOTRBO PORTABLE RADIOS**

**MOTOTRBO MOBILE RADIOS**



**GENERAL SPECIFICATIONS**

Protocol	Analog/Digital			Analog/Digital		Digital	Analog/Digital	Analog/Digital	Analog/Digital		Analog/Digital	Analog/Digital		Analog/Digital		
Frequency	VHF: 136 - 174MHz UHF: 403 - 527MHz			VHF: 136 - 174MHz UHF: 403 - 470MHz		UHF: 403-470MHz	VHF: 136 - 174MHz UHF: 403 - 470MHz	VHF: 136 - 174MHz UHF: 403 - 527MHz	VHF: 136 - 174MHz UHF: 403 - 471MHz		VHF: 136 - 174MHz UHF: 403 - 471MHz	VHF: 136 - 174MHz UHF: 403 - 470MHz, 450 - 527MHz		VHF: 136 - 174MHz UHF: 403 - 470MHz		
Max. Power Output	4W UHF/5W VHF			1W UHF/VHF		2W	2W Analog / 3W Digital	4W UHF / 5W VHF	4W UHF / 5W VHF		4W UHF / 5W VHF	25W and 40W UHF / 45W VHF		25W and 40W UHF / 45W VHF		
Max. Channel Capacity	32	1000	1000	32	1000	1000	99	32	16	128	16	32	1000	256	16	160
Display	No	4-Line Monochrome	5-Line Color	No	5-Line Color	5-Line Color	Active View Display	No	No	2-Line Monochrome	No	2-Digit	4-Line Full Color	Alphanumeric	Numeric	Alphanumeric
Keypad	No	Menu Buttons	Full Keypad	No	Full Keypad	Yes	No	No	No	Menu Buttons	No	No	Menu Buttons	Menu Buttons	No	Menu Buttons
Integrated Bluetooth Capability	Audio and Data*			No			Yes	No	Yes	No		Audio and Data*		No	No	
Integrated GPS	Yes*			Yes			No	No	Yes	No		No	Yes	No	No	
Dedicated Emergency Button	Yes			Yes			Yes	No	Yes	No		No	No	No	No	
Programmable Buttons	3	5	5	3	5	2	Yes	3	2	4	2	4		Yes	2	4
MDC Signalling	Yes			Yes			No	No	Yes	Yes		Yes		Yes	Yes	
5 Tone Signalling	Yes			Yes			No	No	Yes	Yes****		No		Option	No	
Option Board Capability	Yes			No			Yes	No	Yes	No		Yes		Yes	No	
IMPRES Audio Compatible	Yes			Yes			No	No	Yes	Yes		Yes		No	No	
IMPRES Energy Compatible	Yes			Yes			No	No	Yes	No		N/A		N/A	N/A	
ATEX Certified	No			Yes			No	No	No	No		No		No	No	
FM Intrinsically Safe	Factory Mutual (FM)			Factory Mutual (FM)			No	No	No	No		No		No	No	
IP Rating	IP57			IP67			IP54	IP54	IP67	IP55		IP54		IP54	IP54	
Dimensions (HxWxL)	130,3 x 55,2 x 37,2 mm**	130,3 x 55,2 x 38,7 mm**	130,3 x 55,2 x 38,7 mm**	138,5 x 56,7 x 37,8 mm	138,5 x 56,7 x 39,8 mm	121 x 55 x 19,8 mm***	126 x 55 x 22 mm***	100 x 63 x 34 mm***	122 x 56 x 39,4 mm**	122 x 56 x 39,4 mm**	127,7 x 61,5 x 42 mm**	53,3 x 175,3 x 205,7 mm	53,3 x 175,3 x 205,7 mm	44 x 169 x 134 mm	44 x 169 x 134 mm	
Dimensions (Weight)	393 g**	426,5 g**	425,5 g**	455,5 g**	482,5 g**	165 g**	169 g**	254 g**	355g**	375g**	406g**	1,8 kg	1,8 kg	1,3 kg	1,3 kg	

**FEATURES AND FUNCTIONS**

Intelligent Audio	Yes			Yes			Yes	N/A	Yes	Yes		No	Yes	Yes	No	
Emergency Alarm	Yes			Yes			Yes	No	Yes	Yes		Yes	Yes	Yes	Yes	
Lone Worker	Yes			Yes			Yes	No	Yes	Yes		Yes	Yes	Yes	Yes	
Remote Monitor	Yes			Yes			Yes	No	No	No		No	No	No	No	
Freeform Text Messaging	No	Yes		No	Yes		Yes	No	No	No		No	Yes	No	No	
Pre-Programmed Text Messaging	Yes			Yes			Yes	No	No	Yes		Yes	Yes	Yes	Yes	
Vibrate Alert	No			No			Yes	No	No	No		No	No	No	No	
Covert Mode	No			No			Yes	No	No	No		No	No	No	No	
Digital Telephone Patch	Yes			Yes			Yes	No	Yes	No		Yes	Option	Option	No	
Transmit Interrupt	Yes			Yes			Yes	No	Yes	Option		Decode Only		Yes	Decode Only	
Basic Privacy	Yes			Yes			Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	
Enhanced Privacy	Yes			Yes			Yes	No	Yes	Option		No	Yes	Option	No	
Default Channel Announcement	Yes			Yes			Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	
Programmable Ch. Announcement	Yes			Yes			Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	
Radio Management / OTAP	Yes			Yes			Yes	No	Yes	Yes		Yes / No		Yes	Yes / No	
Restricted Acces to System	Yes			Yes			Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	
Integrated Mandown	No			Yes			No / Yes****		No	No		No	No	No	No	
Dual Capacity Direct Mode	Yes			Yes			Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	

**SYSTEM CONFIGURATIONS**

Conventional	Yes			Yes			Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	
IP Site Connect	Yes			Yes			Yes	Option	Yes	Yes		Yes****	Yes	Yes	No	
Capacity Plus	Yes			Yes			Yes	No	Yes	Option		No	Yes	Yes	No	
Linked Capacity Plus	Yes			Yes			Yes	No	Yes	Option		No	Yes	Yes	No	
Connect Plus	Option			Option			Option	No	No	No		No	Option	No	No	

\* Integrated Bluetooth and GPS are supported on DP4401/DM4401, DP4601/DM4601 and DP4801 only.

\*\* Based on NiMH battery.

\*\*\* Based on standard Li-ion battery.

\*\*\*\* Man-Down available as part of SL4010 option board

\*\*\*\*\* Only available after update to MOTOTRBO SOFTWARE RELEASE R2.4