




Business 2-Way Radio 4 Watt UHF Comparison

	Kenwood	Motorola	Motorola
KENWOOD/MOTOROLA MODEL #	TK-3402U16P	RDU4100	RDU4160D
General Spec			
Power Output	5 / 1 W	4 / 2 W	4 / 2 W
Number of Channels	16	10	16
Frequency Range	450-520 MHz	438-470 MHz	438-470 MHz
Superior Sound Qualify	YES (1 WATT AUDIO POWER)	-	-
Number of Tone Code	207 (168 DCS 39CTCSS)	122 (83 DCS 39CTCSS)	122 (83 DCS 39CTCSS)
Pre-stored Frequencies	90 (UHF)	89 (UHF)	89 (UHF)
Coverage	Up to 370,000 sqft (33 floors)	Up to 300,000 sqft (30 floors)	Up to 350,000 sqft (30 floors)
Channel Selector	Rotary SW	Rotary SW	Push Button
LCD Display	No Display	No Display	8 digit
Self-Programming w/ Voice Announce	Yes	-	-
Channel Confirmation Voice Announce	Yes	-	-
Keys	2 PF keys	2 PF keys	5 PF keys
VOX (Headset required)	YES	YES	YES
VOX Adjustable Level (FPU Required)	10	3 (require CPS)	3 (require CPS)
Adjustable Mic Gain (FPU Required)	2	3 (require CPS)	3 (require CPS)
Scan	YES	YES	YES
Priority Scan (FPU Required)	YES	-	-
Lock	YES	YES	YES
Voice Guide	YES	-	-
Battery Saver (FPU Required)	YES	YES	YES
Channel Spacing (FPU Required)	12.5/25 kHz	12.5/25 kHz	12.5/25 kHz
Battery Type	Li-ION (2000mAh)	Li-ION (2400mAh)	Li-ION (2400mAh)
Battery Life	18 h @5W Saver-on	18.5 h @ 4W Saver-on	18.5 h @ 4W Saver-on
Charger Type	Fast	Standard	Standard
Charging Time	3 hours	13 hours	13 hours
Clone	Yes (Wireless)	With optional accessory/multi-charger	With optional accessory/multi-charger
Ambient Temperature Range	-22F - +140F (-30 °C- +60 °C)	-22F - +140F (-30 °C- +60 °C)	-22F - +140F (-30 °C- +60 °C)
Dimensions	2.13" x 4.8" x 1.32" (54 x 122 x 33.7	2.2" x 4.5" x 1.8" (57.6 x 115.6 x 45.1	2.2" x 4.5" x 1.8" (57.6 x 115.6 x 45.1
Weight	9.9 oz /280 g	10.3 oz / 293 g	10.3 oz / 293 g
IP 54 / 55	YES / YES	YES / YES	YES / YES
MIL-STD 810	C/D/E/F 11 items	C/D/E/F 11 items	C/D/E/F 11 items
Warranty	2 Years	1 Year	1 Year