

# Specifications

TK-2160		TK-3160
GENERAL		
Frequency Range		
Type 1	136-174MHz	450-490MHz
Type 3	—	400-430MHz
Number of Channels		Max. 16
Channel Spacing		
Wide/Narrow	25, 30kHz/12.5,15kHz	25kHz/12.5kHz
Channel Step		5, 6.25kHz
Operating Voltage		7.5V DC±20%
Battery Life (5-5-90 duty cycle with battery saver off)		
with KNB-24L (1400mAh)	Approx. 9 hours	
with KNB-25A (1200mAh)	Approx. 8 hours	
with KNB-26N (2000mAh)	Approx. 12 hours	
Operating Temperature Range		-30°C ~ +60°C
		-10°C ~ +60°C when KNB-24L/26N in use
Frequency Stability		±2.5ppm (-30°C ~ +60°C)
Antenna Impedance		50Ω
Channel Frequency Spread		
Type 1	38MHz	40MHz
Type 3	—	30MHz
Dimensions (W x H x D), Projections not Included		
Radio Only	56 x 109.3 x 18.4mm	
with KNB-24L	56 x 109.3 x 34.5mm	
with KNB-25A	56 x 109.3 x 40.7mm	
with KNB-26N	56 x 109.3 x 40.7mm	
Weight (net)		
Radio Only	165g	
with KNB-24L	290g (without antenna)	
with KNB-25A	355g (without antenna)	
with KNB-26N	400g (without antenna)	

TK-2160	
RECEIVER (Measurements made per TIA/EIA-603)	
Sensitivity (12dB SINAD)	
Wide/Narrow	0.25μV/0.28μV
Selectivity	
Wide/Narrow	70dB/62dB
Intermodulation Distortion	
Wide/Narrow	65dB/60dB
Spurious Response	
Audio Output	500mW with less than 10% distortion
TRANSMITTER (Measurements made per TIA/EIA-603)	
RF Power Output	
Hi/Low	5W/1W
Spurious Response	
Modulation	70dB
Wide/Narrow	16KØF3E/11KØF3E
FM Noise	
Wide/Narrow	45/43dB
Audio Distortion	
	Less than 5%

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