



Motorola P140, P160, P180

VHF UHF

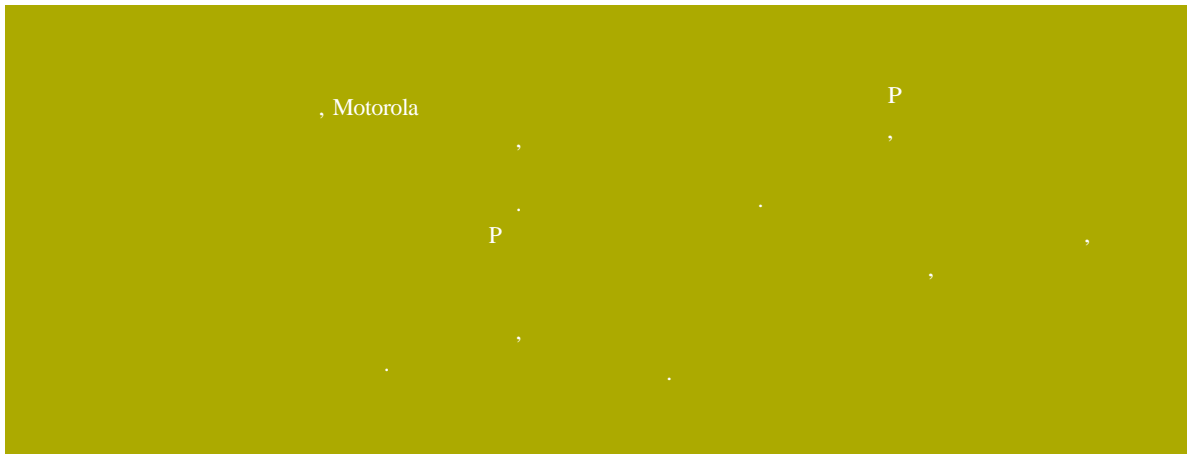


P140

P160

P180

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 Motorola :
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 • 5 (VHF), 4
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 • DTMF MDC
 • Li-ion
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 • (5/5/90).



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		P140, P160 & P180			
		VHF		UHF	
		136-174MHz		403-447MHz 435-480MHz	
		99 CH			
		12.5/25 kHz switchable			
		-20°C to +55°C			
		-40°C to +85°C			
(X X)					
Lilon NiMH Lilon		120 x 55 x 35.5 120 x 55 x 36.5 120 x 55 x 40.7			
Lilon NiMH Lilon		335 395 340			
@5-5-90%					
Lilon battery NiMH battery High Capacity Lilon battery		11 9 16			
		IP54			
		MIL-STD810			
		MIL-STD810			
		5W 1W 4W 1W			
		9kHz - 1GHz <-36dBm >1GHz <-30dBm			
(-20°C to +55°C)		1.5 kHz @ 12.5 kHz 2.0 kHz @ 25 kHz			
		± 5KHz @ 25KHz ± 2.5KHz @ 12.5KHz			
(6dB/ 300-3000Hz)		+1/-3dB			
@ 1kHz, 60%		<5%			
(20dB SINAD)		< -107 dBm (1µV/50 Ohm) >70dB (25kHz), >65dB (12.5kHz) >65dB >70dB <5%			
		< -57dBm for below 1GHz < -47dBm for above 1GHz			
t @ <5% Distortion		500mW (at 24 Ohm)			

Applicable MIL-STD	810C		810D		810E		810F		810G	
	Methods	Proc./Cat.	Methods	Proc./Cat.	Methods	Proc./Cat.	Methods	Proc./Cat.	Methods	Proc./Cat.
Low Pressure	501.1	I	501.2	II	501.3	II	501.4	II	501.5	II High
Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.5	I/Hot A1, II/Hot (A1)
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II/C1
Temp. Shock	503.1	-	503.2	I/A1C3	503.3	I/C1A3	503.4	I	503.5	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	-	507.5	-
Salt Fog	509.1	-	509.2	-	509.3	-	509.4	-	509.5	-
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Blowing Sand	-	-	510.2	II	510.3	II	510.4	II	510.5	II
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24	514.6	I/24
Shock	516.2	I, II	516.3	I, IV	516.4	I, IV	516.5	I, IV	516.6	I, IV



ШОК ПРЕДПРИЯТИЕ СВЯЗИ
 450005, г. Уфа, ул. 50-летия Октября, 15
 Тел./факс: (347) 276-76-33 многоканальный, 276-76-99,
 290-86-77, 272-55-77. <http://www.shockufa.ru>
 e-mail: mail@shockufa.ru

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