

Best Product

Protek

Handheld Spectrum Analyzer 2.9GHz
with Tracking Generator



7830 + G632



RF Field Strength Analyzer
2.0GHz / 2.9GHz



3290N / 3201N

Protek 7830 / G632(7830) / 3290N / 3201N

Handheld Spectrum Analyzer(Tracking Generator)
RF Field Strength Analyzer

Features

- 100kHz to 2.9GHz measurement range
- Measures and demodulates W-FM / N-FM / AM / SSB signals
- Sweep modes (Free Run, Single Run, Squelch Run)
- 100 Saves and loads for waveforms and settings
- Marker / Delta Marker / Squelch Adjustment Functions
- Peak Search Function ■ Marker to Center Function
- Channel Power Measurement Function ■ RS-232 Interface

Specifications

	MODEL	7830	3290N	3201N	G632(7830)
Frequency	Range	100KHz to 2900MHz		100KHz to 2000MHz	30MHz to 2.9GHz
	Resolution	3,125KHz (Multiple of 3,125KHz)			
	Accuracy	TXO: ±3PPM Display: ±1,5PPM			
	Modulation Bandwidth	Wide FM: Apprx. 180KHz (-6dB) Narrow FM: Apprx 12,5KHz / AM / SSB: Appex 2,4KHz (-6dB)			
	Step Range	6,25KHz			
	Frequency Selection	Start, Stop, Center span setup			
Amplitude	Measurement Range	-20dBm to -110dBm	-45dBm to -110dBm		-55dBm to -65dBm / 5dB steps
	Average Noise Level	Wide FM / AM / SSB: -100dBm Narrow FM: -110dBm			
	Amplitude Units	dBm, dBmV, dBuV			dBm
	Reference Level Accuracy	Wide FM/AM/SSB Typical ±1,5dB(20℃~30℃) Narrow FM Typical ±1,5dB(25℃)	Wide FM / AM / SSB Typical ±2,0dB (20℃ to 30℃) Narrow FM Typical ±2,0dB (25℃)		±2,0dB (Typical-95%) (@20℃ to 30℃)
	Reference Level Ranges	120dBm to -90dBm			
	Log Scale	0,2dB/div Min, In 0,25dB Steps (5 Display Division)			
Sweep	Internal Atten	10dB, 20dB, 30dB, 35dB	10dB		
	Speed	Min.500msec			
	Trigger Source	Narrow FM / Wide FM / AM / SSB			
	Trigger Mode	Free Run / Single Run / Continuous Wave / Squelch Run			
	Trigger Level	TTL Level			
	Marker Modes	Marker / Delta Marker / Peak Search / Marker to Center / Channel Power	Marker / Delta Marker / Single Power Meter / Multi Power Meter		
Memory	Trace Storage/Setup Storage	Max 100 Waveforms and 100 States			
Display	Type	Mono STN LCD			
	Display Resolution	192 X 192 pixels			
	LCD Backlight	ON / OFF			
Input	RF Input Connector	N Type Female, 50ohms			N Type Connector
	Maximum Input Power	Max +10dBm, 5V RMS			
General Specification	Range	35MHz to 2900MHz		35MHz to 2000MHz	
	RF Input Connector	BNC Type Female, 50ohms (Standard)			
	Operation Temperature	0℃ to 40℃			0℃ to 40℃
	Humidity	35RH to 85RH			35RH to 85RH
Power	Storage Temperature	10℃ to 50℃			
	Power Source	AA Type Ni-MH Rechargeable Battery X 6pcs			
	Power Adaptor	SMPS Type AC Adaptor DC 12V Car-adaptor DC 12V			SMPS Type AC Adaptor DC 12V
	Auto Power	OFF / 5min / 10min / 20min / 30min			
Dimension & Weight	Size	102(W) X 229(H) X 45(D)mm			60 X 135 X 40mm
	Weight	Apnx.2,2 lmb / 700grams (Except Antenna)			about 200g
Other	Speaker	0,5W into 8 ohms Speaker			
	Antenna	Dipole Antenna (Receive Only)			
	RS-232C Interface	9600bps, 19200bps, 38400bps, and 115200bps 8-pin MINI-DIN Connector			RS-232