

Best Product

Protek

Handheld Spectrum Analyzer 2.9GHz with Tracking Generator



7830 + G632



RF Field Strength Analyzer 2.0GHz / 2.9GHz



3290N / 3201N

Disponibilité France LGDA-Technologies tel +33(0)4 42 38 72 57

Email contact@lgda-technologies.com

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 1.0GHz
	Resolution	3.125Hz (Multiple of 3.125Hz)			
	Accuracy	TxO: ±3PPM Display: ±1.5PPM			
	Modulation Bandwidth	Wide FM: Approx. 180kHz (-6dB) Narrow FM: Approx. 2.5kHz / AM / SSB: Approx. 2.4kHz (-6dB)			
	Step Range	6.25Hz			
Amplitude	Frequency Selection	Start, Stop, Center (span setup)			
	Measurement Range	-20dBm to -110dBm	-45dBm to -110dBm		-55dBm to -85dBm / 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°C ~ 30°C) Narrow FM Typical ±1.5dB(25°C)	Wide FM / AM / SSB Typical ±2.0dB (20°C ~ 30°C) Narrow FM Typical ±2.0dB(25°C)		±2.0dB (Typical-95%) (20°C to 30°C)
Sweep	Reference Level Ranges	120dBm to -90dBm			
	Log Scale	0.2dB/div Min. In 0.2dBdB Steps @ Display Division(s)			
	Internal Span	10dB, 20dB, 30dB, 36dB	10dB		
	Speed	Min. 200Hz/sec			
	Trigger Source	Narrow FM / Wide FM / AM / SSB			
Memory	Trace Storage/Setup Storage	Max 100 Waveforms and 100 States			
	Type	Mono 57H LCD			
	Display Resolution	192 X 192 pixels			
	LCD Backlight	ON / OFF			
	RF Input Connector	N Type Female, 50ohms			N Type Connector
General Specifications	Maximum Input Power	Max -10dBm, 5V RMS			
	Range	35dB to 2900MHz		35dB to 2000MHz	
	RF Input Connector	BNC Type Female, 50ohms (Standard)			
	Operation Temperature	0°C to 40°C			0°C to 40°C
	Humidity	35RH to 85RH			35RH to 85RH
Power	Storage Temperature	10°C to 50°C			
	Power Source	AA type Ni-MH rechargeable battery x 4 opt.			
Dimension & Weight	Power Adapter	SMPS Type AC Adapter DC 12V Car-adapter DC 12V			SMPS Type AC Adapter DC 12V
	Auto Power	OFF / 5min / 10min / 30min / 30min			
	Size	100(W) X 225(H) X 45(D)mm			60 X 135 X 40mm
	Weight	Apnx. 1.1 lbs / 700grams (Except Antenna)			about 200g
Other	Speaker	0.5W into 8 ohms Speaker			
	Antenna	Dipole Antenna (Receive Only)			
	RS-232C Interface	9600bps, 19200bps, 38400bps, 57600bps, and 115200bps 8-pin MINI-DIN Connector			RS-232