

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

Applications

- Field wireless Equipment installation and Maintenance
- General field use for Communications installation and Maintenance
- Cable installation and Maintenance
- RFID Tag RF Strength Measurement
- Jammer(for hospital,theater and military) Performance Test
- Satellite Antenna installation and Maintenance
- Tapping,Hidden Camera Detection

Specifications

MODEL		7830	G632(7830)
Frequency	Range	100kHz to 2900MHz	30MHz to 2.9GHz
	Resolution	Min. 3.125kHz	
	Accuracy	TXD: ± 3 PPM Display: ± 1.5 PPM	
	Modulation Bandwidth	Wide FM: Apprx. 180kHz (-6dB) Narrow FM: Apprx 12.5kHz / AM / SSB: Appex 2.4kHz (-6dB)	
	Step Range	6.25kHz, 12.5kHz	
	Frequency Selection	Center, Start/Stop, Span	
Amplitude	Measurement Range	-20dBm 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 Typical ± 1.5 dB(20°C ~ 30°C) Narrow FM/AM/SSB Typical ± 1.5 dB(25°C)	± 2.0 dB (Typical-95%) (@20°C to 30°C)
	Reference Level Ranges	0dBm to -80dBm	
	Log Scale	0.2dB/div Min. In 0.25dB Steps (5 Display Division)	
	Internal Atten	10dB, 20dB, 30dB, 35dB	
Sweep	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	
Memory	Trace Storage/Setup Storage	Max 100 Waveforms and 100 States	
Display	Type	Mono STN LCD	
	Display Resolution	192 X 192 pixels	
Input	RF Input Connector	N Type Female, 50ohms	N Type Connector
	Maximum Input Power	Max +10dBm, 5V RMS	
Frequency	Range	35MHz to 2900MHz	
	RF Input Connector	BNC Type Female, 50ohms (Standard)	
General Specification	Operation Temperature	0°C to 40°C	0°C to 40°C
	Humidity	35RH to 85RH	35RH to 85RH
	Storage Temperature	10°C to 50°C	
Power	Power Source	AA Type Ni-MH Rechargeable Battery X 6pcs	
	Power Adaptor	SMPS Type AC Adaptor DC 12V Car-adaptor DC 12V	7830 RS232C Port
	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	Aprx. 2.2 lmb / 700grams (Except Antenna)	about 200g
	Speaker	0.5W into 8 ohms Speaker	
Other	Antenna	Dipole Antenna (Receive Only)	
	RS-232C Interface	9600bps, 19200bps, 38400bps, 57600bps, and 115200bps 8-pin MINI-DIN Connector	Power + Interface