



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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407790A Real Time Octave Band Analyzer



Extech's Type 2 Integrating Sound Level Meter with Octave and 1/3 Octave Band Real Time is displayed on a large 3.5" 320x240 TFT color backlit LCD.

Applications:

- Real time analysis of noise from any source such as machinery or vehicles
- Monitor office or plant noise and store data for later reference and analysis
- Maintain noise level statistics for internal and external audits
- Perform machinery noise monitoring or use for noise reduction programs



Features

- Wide measurement in 5 ranges:
20 to 90dB, 20 to 100dB, 20 to 110dB, and
30 to 120dB, 40 to 130dB
- 3.5" (320x240) TFT color LCD with backlight feature displays Leq, L_E, L_{max}, L_{min}, L_p, L₀₅, L₁₀, L₅₀, L₉₀, L₉₅
- Stores readings on microSD card
- Transferred data to a PC to be analyzed using software and cable provided
- A, C and Z weighting with Fast or Slow response
- 25Hz to 10kHz frequency response
- Meets ANSI and IEC Type 2 standards
- Internal self test when powered ON
- Detachable 0.52" (13.2mm) diameter condenser microphone and Tripod mount provided on rear
- Analog AC/DC recorder output
- Real time clock with Year, Month, Day, Hour, Minute and Second display
- Optional microphone extension cable for measurements in enclosures and other remote locations (407764-EXT)
- Complete with Windows[®] compatible software, USB cable, 4 x C batteries, microphone wind screen, mini screwdriver, 120V AC adaptor, and case

Ordering

407790A **N** Real Time Octave Band Analyzer

Accessories

407764-EXT 15ft (4.7m) Microphone Extension Cable

407744..... 94dB Sound Level Calibrator

407766..... 94/114dB Sound Level Calibrator

N Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number.



UPC Code: 793950407912

Specifications

Applicable standards	ANSI S1.4 Type 2, EN IEC 60651, EN IEC 60804, and EN IEC 1260-1995
Accuracy	±1.5dB (ref 94dB @ 1kHz)
Measurement functions	Lp, Leq, LE, Lmax, Lmin, L05, L10, L50, L90, L95,
Frequency range	25Hz ~ 10kHz
Frequency Weighting	A, C, and Z
Time Weighting	Fast, Slow, 10ms (τ), I
Display	3.5" (89mm) 320x240 TFT color backlit LCD; Displays 1/1, 1/3, and 1/1 & 1/3
1/1- 1/3 Analyzer level range	5 ranges in 10db steps: 20 to 90dB, 20 to 100dB, 20 to 110dB, 30 to 120dB, 40 to 130dB
1/1 Octave and 1/3 Octave	1/1 Octave band center frequencies: (9 bands); 1/3 Octave band center frequencies: (27 bands)
Signal output	AC output: 1 Vrms (at full scale); DC output: 3.0V, 25mV/dB
Memory	microSD card (included)
Measurement Time	1s to 23h 59m 59s
Power	Four type C size 1.5V batteries, External DC power: 6V, 1A
Dimensions/Weight	13.6 x 3.9 x 2.4" (345 x 100 x 60mm)/ 33.5oz (950g)