

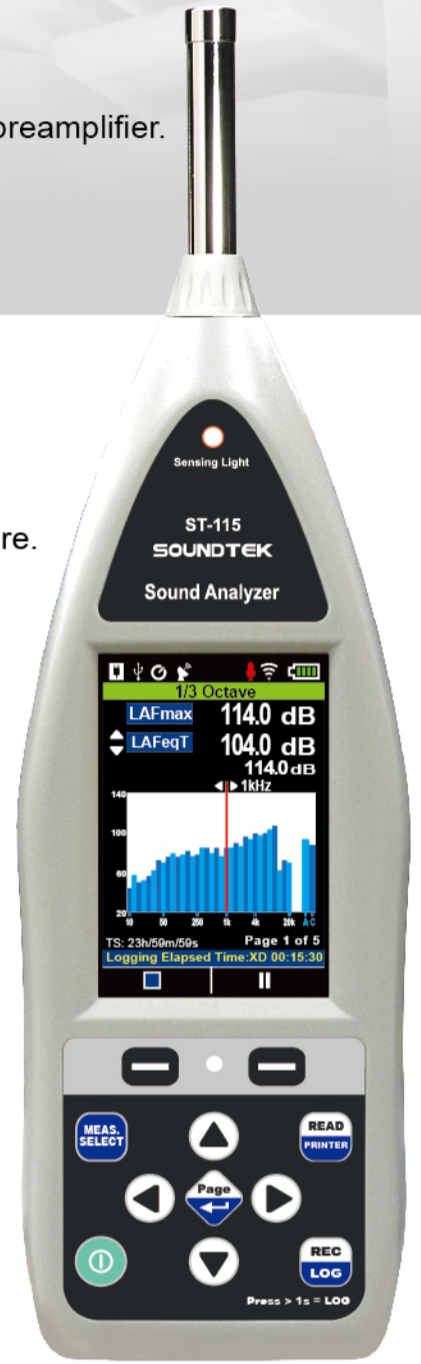
ST-115 SOUND ANALYZER

Comply with IEC-61672-1: 2013 Class 1
CNS NO 7129 Type1 JJG-188-2002-Class 1



Frequency Range
10Hz~20KHz

- Measurement Integrating
- Real Time Signal Analyzer With 1/1 and 1/3 Octave. (34Bands)
- Wide dynamic range of 90 dB.
- Wide measurement range 25dB~140dB.
- Wide measurement Frequency Range of 10Hz~20KHz.
- High sensitivity 1/2" pre-polarized condenser microphone builds in preamplifier.
- Real time calendar/clock.
- A/C/Z Frequency weighting.
- Stored data can be transferred to a PC and analyzed using software and cable provided.
- Fast, Slow, Impulse, PeakC+, PeakC- response time.
- Traditional Chinese / Simplified Chinese / Germany /Italian / Spanish /French / English, seven national language analysis software.
- FFT real time analysis 512 lines in up to 20.0KHz band.
- RS-232 and USB and Bluetooth.
- Friendly user interface.
- Sound recording module.
- GPS positioning measurement module.
- Wi-Fi communication module.
- Airport noise measurement:Td,Lmax,LEPN.



Specifications:

Display	3.5" Color TFT 320X240 dots resolution Real time clock, Year, Month, Minute
Display refresh rate	0.1dB; 0.01dB for OCT and 1/3 OCT
Major Standards	IEC 61672-1 : 2013 Class1 / CNS 7129 Type1 / ANSI S1.4 Type1 / IEC60651: 1979 Type1 / JJG-188-2002 Class1 / IEC60804: 2000 Type1
Filter Standards	IEC 61260-1 : 2014 Class1
Wi-Fi communication module	Through an external wireless card, you can instantly transfer measurement data to a remote, and by the use of real-time display on the PC program.
Measurement items	Lxyp, Lxyi, Lxeq1s, Lxeq,T, LAE, Cpeak+, Cpeak-, LAFmax, LAFmin, LAFp, LAF5, LAF90, LAF95, SD, LAeq1s, LAfeqT, RT60, Ld, Ln, Ldn.
Measurement range	25dB to 140dB (A) 30dB to 140dB (C) 35dB to 140dB (Z)
Dynamic Range	>90 dB
Maximum peak C	50~143 dB
Integrating time	1 second ~24 hour, set in a given range or randomly.
Stores	Manual stores up to 1000 readings/auto stores up to 650,000 readings, sample times between 1 sec and 24hr.
Analysis frequency range 1/1(11 bands) and 1/3(34 bands) octave: 10Hz~20kHz	OCT Filter center frequency: 16 Hz, 31.5 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1k Hz, 2 kHz, 4 kHz, 8 kHz, 16 kHz 1/3 OCT Filter center frequency: 10Hz, 12.5Hz, 16Hz, 20Hz, 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1kHz, 1.25kHz, 1.6kHz, 2kHz, 2.5kHz, 3.15kHz, 4kHz, 5kHz, 6.3kHz, 8kHz, 10kHz, 12.5kHz, 16kHz, 20Hz.
Frequency Range	10Hz~20KHz
Output	AC / DC/ RS-232 / USB
Starting Time	<10 Second
Interface	USB interface, mini B type. Complying with USB 1.1, compatible with USB 2.0, which can transfer the measuring result to PC, and transfer the data to the Flash disk up to 32G.
Internal Power	24 hours (3.7V Li-Ion rechargeable) One minute after the boot screen and backlight off test case.
External Power	AC 100V~240V to DC 5V
Dimension	324x93x48mm(LxWxH)
Weight	500g (including Batteries)