



SCARLET | TECH

Class 1 Integrating Sound Level Meter

ST-11/11D



**IEC
61672-1:2013
CLASS 1**

- IEC 61672:2013 Class 1
- 27 dB~140 dB wide measurement range
- ± 0.7 dB high accuracy & 0.1dB resolution
- Leq value with A/C/Z/B frequency weightings
- Data Logging & Record functions (ST-11D)
- RS232 & USB Data Output

Specification

Model	ST-11	ST-11D
Fulfil Standard	IEC 61672:2013 Class 1	
Normal frequency	10 Hz~20 kHz	
Measurement range	27~140 dB	
Accuracy	±0.7 dB	
Resolution	0.1dB	
Frequency Weighting	A, C, Z, B	
Time Weighting	F, S, I, Peak	
Integrating time	1s~24h	
Dimensions	310×72×32 mm	
Display	128×64 OLED	
Weight	0.4kg	
Main Parameters of Measurement	LFp, LSp, Llp, Leq1, Lpeak, Leq,T, LFmax, LFmin, LSmax, LSmin, LImax, LImin, SEL,Ts, Tm, Volt, E.	LFp, LSp, Llp, Leq,t, Lpeak, Leq,T, LFmax, LFmin, LSmax, LSmin, LImax, LImin< SEL, Lex8h, LAVG, TWA, DOSE, Ln1, Ln2, Ln3, Ln4, Ln5, SD, Ts, Tm, Volt, E.
Datalogging	-	Stores 8000 groups measurement results including Timestamp, %Dose, TWA
Power Supply	4x AAA Batteries or external power supply	
Output Interface	AC, DC, RS-232, USB interface	
Application	Noise Integrating Measurement	Sound Level Meter/ Noise Dosimeter/ Data logging & Precision recording(Opt)
Operation Environment	Air temperature: -15°C~+50 °C Relative humidity: 10 %~90 % Air pressure: 65 kPa~108 kPa	
Package Contents	ST-11/11D Sound Level Meter, Calibration Certificate, Class 1 Field Calibrator (OPTIONAL), 1/2" Prepolarized Condenser Microphone, Windscreen, RS232 Cable, Mini USB Cable (ST-11D only), User Manual, Waterproof Carrying Case.	



