

Please note the differences in sound level limits in non-residential zones and residential zones – See attached documents

NON-RESIDENTIAL ZONE *(e.g. schools, village parks, commercial zones)*

74 dBA (all hours), non-residential zone adjoining another non-residential zone

65 dBA (7am – 11pm), non-residential zone adjoining residential zone

60 dBA (11pm – 7am), non-residential zone adjoining residential zone

RESIDENTIAL ZONE *(residential properties/zones adjoining one another)*

60 dBA (7am – 11pm)

55 dBA (11pm – 7am)



VILLAGE OF PINECREST POLICE DEPARTMENT SOUND LEVEL METER USER GUIDE

1. Power On
2. The meter must be configured with the below settings before each use. The settings must be adjusted each time the meter is turned on because the meter does not save the necessary settings after being turned off.

<u>Meter Function</u>	<u>Setting</u>
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A/C	dBA
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Hi/Lo	Lo
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F/S	Fast
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Max/Hold	• <i>Press Quickly – MAX Mode</i> The meter only updates the LCD when a higher reading than the one presently on the display is detected. [Press Max/Hold button <i>once</i> to exit this mode] • <i>Press & Hold – Data Hold</i> Freezes the display reading. [Press and <i>hold</i> the Max/Hold button to exit this mode]
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3. Use
 - A. Hold the meter in hand facing the microphone toward the source of the sound to be measured.
 - B. View the measurement on the meter's LCD. An indication of OVER means that the measurement is out of range. Toggle the "Hi" (65 to 130dBA) and "**Lo**" (**35 to 100dBA**) measurement ranges using the Hi/Lo button. For measurements in the 65 to 100dBA region either range can be used.

Sec. 15-21.6. – Construction Noise

(a) No person shall operate or permit to be operated any power-driven construction equipment without a muffler or other noise reduction device at least as effective as that recommended by the manufacturer or provided as original equipment.

(b) No site preparation, work, assembly, erection, substantial repair, alteration, delivery of materials, demolition or similar action, which disturbs the peace and quiet of the neighborhood, on public or private property, rights-of-way, structures, utilities or similar property is permitted between 6:30 p.m. and 7:00 a.m. Monday through Friday, or between 4:00 p.m. and 8:00 a.m. on Saturdays, Sundays, and state holidays. Construction activities that do not disturb the peace and quiet of the neighborhood may be conducted beyond these hours, provided that such activities do not produce noise exceeding **60 dBA**, measured at the nearest property line of the adjacent residential area. Construction equipment that must be operated within or adjacent to a residentially zoned area on a 24-hour per day basis (e.g., pumps, well points, generators, etc.) shall be shielded by an acoustical enclosure during the hours of 11:00 p.m. to 7:00 a.m. unless the unshielded noise level is less than **60 dBA**, measured at the closest adjacent residentially zoned property line.

Sec. 15-21.7 – Allowable noise created within non-residential zones

In addition to the prohibitions set forth in section 15-21.2, no noise shall be created or permitted to be created in a non-residential zone which exceeds, *at the adjacent property line*, the following:

Adjoining Non-Residential Zone	All Hours	74 dBA
Adjoining Residential Zone	7:00 A.M. – 11:00 P.M.	65 dBA
Adjoining Residential Zone	11:00 P.M. – 7:00 A.M.	60 dBA

Sec. 15-21.8. - Maximum allowable noises created within residential zones

Except for those noises otherwise specifically provided for within this article, and in addition to the prohibitions set forth in sections 15-21.2 and 15-21.6, it shall be unlawful to create or to permit to be created any noise within a residential zone that exceeds **60 dBA** between the hours of 7:00 a.m. and 11:00 p.m., or **55 dBA** between the hours of 11:00 p.m. and 7:00 a.m., daily, measured at the nearest adjacent property line.

Digital Sound Level Meter Device Information:

Make: Extech Instruments

Measurement Range: 35 to 130 dBA

Model: 407732

Standards: Meets ANSI and IEC Type 2 SLM standards



VILLAGE OF PINECREST POLICE DEPARTMENT
SOUND LEVEL METER USAGE FORM

CASE NUMBER: _____ CIVIL VIOLATION NOTICE NUMBER: _____

SOUND LEVEL METER PRE-USAGE TEST

CALIBRATOR SETTING	SOUND LEVEL METER READING
94 dBA	
114 dBA	

INCIDENT ADDRESS: _____

ZONE TYPE: ☐ CONSTRUCTION

☐ NON-RESIDENTIAL / BUSINESS NAME: _____

☐ RESIDENTIAL

READING #1	READING #2	READING #3
dBA: _____	dBA: _____	dBA: _____
Duration: _____	Duration: _____	Duration: _____
Operator's Position Relative to Target North O O O O Target O O O O South	Operator's Position Relative to Target North O O O O Target O O O O South	Operator's Position Relative to Target North O O O O Target O O O O South

Digital Sound Level Meter Device Information:

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Model: 407732

Measurement Range: 35 to 130 dBA

Standards: Meets ANSI and IEC Type 2 SLM standards

Sound Level Calibrator:

Make: Extech Instruments

Model: 407722

Output Signals: 94 dB & 114 dB

Compliance: IEC 942 Class 2