

Marcellus Town Board
Regular Meeting
Wednesday, December 4, 2024
6:30 PM

A Regular Meeting of the Town of Marcellus, County of Onondaga, State of New York was held on Wednesday, December 4, 2024, in the Town Hall, 22 East Main Street, Marcellus, New York.

Present: Laurie Stevens	Supervisor
Jeff Berwald	Councilor
Percy Clarke	Councilor
Terry Hoey	Councilor
Gabe Hood	Councilor

Also Present: Mike Ossit, Highway Superintendent; Phil Coccia, Recreation Director; Jim Gascon, Town Attorney; John Houser, Codes Officer; John Pawlewicz, Christina Kohler, Ed Riefler, Matt Aupperle, Henry Riefler, Lucas Covert, Daniel Frank, Carlton Frank, Travis Frank, Clayton and Ryan Phillip, Garrett Edie, Tyler Diehl, Connor Edie, Shawn Edie, Mike Thibeault, Jean Kelsey, Simon Hoch, Ron Zamojski, Joe Owen, Renee Bucci, Kevin Quick, Bill Southern, Steven and Robin Bolewski, Chad Clark, Michael Hoch, Katie Aupperle, Scott Stearns, Lynda Kianka, Michael Kianka, Josh Magiera, Claudia Hastings, Jojo Leubner, Tim and Erica Leubner, Jerry Wickett, Dave Card, Fire Department; Joel McNally, Fire Department; Suzanne Tobin, Deputy Town Clerk; Rosemary Tozzi, Town Clerk

PUBLIC HEARING- Local Law No. C-2024 Outdoor Concerts: The public hearing was opened at 6:30pm. Supervisor Stevens asked Jim Gascon, the Town Attorney, to speak on the topic before it was opened to the public. Mr. Gascon stated the Town had received a lot of feedback from the public regarding Local Law C-2024. Jim stated that Local Law C-2024 was intended to create the possibility that a resident of the Town could petition the Town for a Special Use Permit to conduct an outdoor concert. Local Law C-2024 only applies to Ag Market District. The proposed law is intended to apply to limited circumstances. It would require a review by the Planning Board and Zoning Board and is not intended for the general public. Based on the proposed Local Law C-2024 an Outdoor Concert is defined as a “music event, open to the general public and/or for compensation, conducted outdoors and consisting of amplified music or music made with three or more instruments, including voices.” A site Plan review would be necessary to apply for the Special Permits.

Councilor Hoey stated the intent of the law is to allow something that was not allowed before. Jim Gascon said this is not to prevent family activities such as birthday parties, graduation parties or weddings. This proposed law applies to any concerts involving compensation.

Councilor Berwald asked if the Town has a noise ordinance. He also asked why the proposed law would only apply to the A1 district and if this is intended to go against the proposed PUD for Tim’s Pumpkin Patch or how this proposed law ties into the requested PUD.

Supervisor Stevens responded that it's a modification because as the Zoning Board stated, if somebody came for a special permit, nowhere in the Town's Zoning do we allow concerts in this zone.

Councilor Berwald asked if the PZB denies the permit request can the Town Board override their decision. Jim Gascon replied to his question stating the Town Board would not have the authority to override the PZB.

Jean Kelsey of Lawrence Road, asked if it was stated anywhere in the zoning law or codes that you could not have concerts? She feels this is something new not an amendment. Jean also feels that there should be an exception for benefits.

Joe Owen of South Street Road has an issue with the proposed law the way it is worded. He believes it's too vague and has concerns that there is a 10+ acre restriction.

Erica Leubner of Rose Hill Road asked the Town Board if there was any consideration in the State Ag Markets policy of what constitutes a farm. She is wondering how the State Law plays into the proposed Law.

Bill Southern of Scotch Hill Road questioned if you can only have concerts in the A1 district.

Tara Lanning asked how many permits are allowed.

Steven Bolewski of Rose Hill Road read a statement he prepared and requested his comments be public record. They will be attached to the end of the minutes.

Jerry Wickett of Limeledge is opposed to passing the proposed Local Law C-2024. He believes it is opening the Town up to problems and lawsuits.

Councilor Hoey stated that there is a vague sense that everyone is allowed to do whatever they want on their own property and that's not how zoning works. There are different rules for different zones in the Town of Marcellus. Each zone has rules that restrict what you're allowed to do. Councilor Clarke made a motion seconded by Councilor Hoey to close the public hearing at 7:17pm.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens

Carried

PUBLIC HEARING-Town of Marcellus 2024 Comprehensive Plan: Jerry Wicket of Limeledge Road, also a member of the Comprehensive Plan Committee, would like to urge the Town to adopt the Comprehensive Plan. It has been a two-year process that provides a good vision of the Town of Marcellus for the future.

Bill Southern is in favor of the Town adopting the Plan. He has reviewed the plan and believes it's a good plan for the Town.

The Town Board thanked the Committee for the time and effort put into this plan.

Councilor Hoey made a motion seconded by Councilor Hood to close the Public Hearing at 7:22pm.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens

Carried

Waive the Reading and Accept the Minutes: Councilor Hoey made a motion seconded by Councilor Hood to waive the reading and accept the minutes as presented by the Town Clerk. The minutes were from the November 6, 2024, Town Board Meeting and the November 20, 2024, Workshop Meeting.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens Carried

Monthly Activity: The abstract of Audited Vouchers for December 2, 2024, given to the Board Members as submitted by the Town Clerk. Abstract #12 as of December 2, 2024. Claim #s 157431-157439.

	<u>Expenses</u>
General Fund	\$8,181.50
Part Town General	380.25
Townwide Highway	1,133.31
Total	\$9,695.06

The abstract of Audited Vouchers for December 3, 2024, given to the Board Members as submitted by the Town Clerk. Abstract #12 as of December 3, 2024. Claim #s 157440-157450.

	<u>Expenses</u>
General Fund	\$1,214.19
Part Town General	707.13
Townwide Highway	648.00
Total	\$2,569.32

The abstract of Audited Vouchers for December 4, 2024, given to the Board Members as submitted by the Town Clerk. Abstract #12 as of December 2, 2024. Claim #s 157421-157430.

	<u>Expenses</u>
General Fund	\$28,505.93
Townwide Highway	1,405.05
Total	\$29,910.98

Board Members were given the Activities Report as of November 21, 2024. Fiscal year 2024 Period 11.

	<u>Revenue</u>	<u>Expense</u>
General Fund	(1,741,768.73)	1,289,067.16

Part Town General	(216,227.33)	164,363.67
Townwide Highway	(649,229.40)	381,266.64
Part Town Highway	(376,729.96)	362,484.17
Fire District	(398,787.32)	390,876.00
Hydrant Fund	(3,081.44)	3,227.00
Ambulance Fund	(313,384.80)	313,365.00
Sewer District	(195,953.72)	195,952.00
Water District	(181,977.21)	185,268.28

Bank Balances:

The total of all Bank Balances for September 2024 is \$4,121,453.88

Councilor Hood made a motion seconded by Councilor Hoey to approve the Abstract of Audited Voucher Reports as of December 2, 2024, December 3, 2024, December 4, 2024, and the Activities Report as of November 21, 2024, and the Bank Balances of September 2024.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens Carried

Old Business:

Solar Law: A Local Law to amend section 235-26m of the Town of Marcellus Code to add a new section regulating solar energy systems within the Town of Marcellus. The full version of Local Law No. D-2024 is available at Marcellus Town Hall in the Town Clerk’s office or on the Town’s website. After a brief introduction by attorney Jim Gascon and responding to comments from Board members, the formal process of introducing Local Law D-2024 began. Attorney Gascon read aloud the entire Long Form Environmental Assessment Form and the “Town Board Resolution Introducing Local Law D-2024”.

Councilor Hoey made a motion seconded by Councilor Clarke to accept the negative declaration of the Solar Law SEQR.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens Carried

**TOWN BOARD RESOLUTION
INTRODUCING LOCAL LAW D-2024**

(A Local Law Amending Chapter 235-26M of the Town of Marcellus Code

To Add A New Section Regulating Solar Energy Systems Within the Town of Marcellus)

TOWN OF MARCELLUS

December 4, 2024

At a regular meeting of the Town Board of the Town of Marcellus, held at the Town Hall, 22 East Main Street, in said Town, County of Onondaga, State of New York, on December 4, 2024, at 6:30 P.M., there were:

PRESENT: Jeff Berwald Councilor
Percy Clarke Councilor
Gabe Hood Councilor
Terry Hoey Councilor
Laurie Stevens Town Supervisor

WHEREAS, Councilor Hood introduced proposed Local Law No. D-2024, “A Local Law Amending Chapter 235-26M of the Town of Marcellus Code To Add A New Section Regulating Solar Energy Systems Within the Town of Marcellus” and made the following motion, which was seconded by Councilor Hoey; and

WHEREAS, Volume 6 N.Y.C.R.R., Section 617 of the Regulations relating to Article 8 of the New York State Environmental Conservation Law, requires that as early as possible an involved agency shall make a determination whether a given action is subject to the aforementioned law; and

WHEREAS, no other agency has the legal authority or jurisdiction to approve or directly undertake the enactment of a local law in the Town of Marcellus, such that there are no other involved agencies within the meaning of the New York State Environmental Quality Review Act (SEQRA) with respect to the proposed enactment of said Local Law, with the result that the Town Board shall act as lead agency in this matter; and

WHEREAS, the adoption of said Local Law is a Type I Action for purposes of environmental review under SEQRA; and

WHEREAS, the Town Board has determined that Full Environmental Assessment Form (EAF) shall be required in connection with this matter; and

WHEREAS, the said full EAF has been prepared and has been reviewed by the Town Board;
and

WHEREAS, the Town Board has considered the adoption of said Local Law, has considered the criteria contained in 6 N.Y.C.R.R. Part 617.7 and has compared the impacts which may be reasonably expected to result from the adoption of said Local Law against said criteria.

NOW, THEREFORE, BE IT

RESOLVED AND DETERMINED that the enactment of said proposed Local Law D-2024 is a Type I Action, there are not other involved agencies and this Board shall act as lead agency in this matter for purposes of SEQRA review; and it is further

RESOLVED AND DETERMINED that the reasons supporting the foregoing Negative Declaration are as follows:

1. If adopted, proposed Local Law D-2024 will provide more comprehensive regulations to potentially permit and regulate the construction of solar energy systems in the Town in a manner that preserves the health, safety and welfare of the Town while also facilitating the production of renewable energy;

2. In reviewing and regulating the placement and use of solar energy systems, the Town has recognized that a carefully coordinated special use permit and site plan review will be undertaken by the Town prior to any approval of a solar energy system;
3. In regulating the placement and use of solar energy systems, the Town proposed regulations are designed to minimize impact of such uses on the environment and surrounding properties while encouraging appropriate placement of those solar energy systems in the proper circumstances;
4. While it is recognized solar energy systems may be perceived to be aesthetically detrimental to surrounding properties in some instances, especially residential neighborhoods, the proposed regulations provide for aesthetic impacts to be considered in the review process and further provide for tools available to the permitting board to mitigate impacts;
5. This Local Law seeks to accommodate public demand for solar energy systems, while minimizing potential adverse impacts upon neighboring uses;
6. Aesthetic impacts will be reduced as a result of this Local Law which imposes various site requirements upon these facilities, including screening, height limitations, separations, design, proliferation, landscaping, lighting, utility services, setbacks, visibility and others;
7. Enactment of proposed Local Law No D-2024 will be more protective of the environment than the absence of such regulations or the prior regulations on solar energy systems;
8. Proposed Local Law No. D-2024 seeks to minimize aesthetic and other impacts of such uses on their neighborhoods, and as such, its adoption will have no significant effect on land use, air or water quality, traffic, solid waste production, drainage, animal or vegetation life; will not attract numbers of people to the Town; will not create any conflict with the Town's plans or goals; will not impair the character of any community or neighborhood resource; will not create any health hazard; will not result in any change in energy use; and will not create any demand for other action which would result in the above consequences; and it is further

RESOLVED AND DETERMINED that the Town Board has determined this action shall have no significant adverse impact on the environment; that, accordingly, an environmental impact statement (EIS) shall not be required; and that this resolution shall constitute a negative declaration under SEQRA; and it is further

RESOLVED AND DETERMINED that the Town Board conduct a public hearing as to the enactment of proposed Local Law No. D-2024 at the Town Hall located at 22 East Main Street Street, in the Town of Marcellus on December 30, 2024 at 6:30 p.m., or as soon thereafter as the matter can be heard, at which time all persons interested in the subject shall be heard; and it is further

RESOLVED AND DETERMINED that notice of said public hearing shall be provided at least five (5) days prior to the date of said public hearing in a newspaper of general circulation within the Town of Marcellus and to any affected municipalities described above.

The question of the adoption of the foregoing resolution was duly put to a vote and upon roll call, the vote was as follows:

VOTE: Laurie Stevens

Town Supervisor

Yes

Jeff Berwald	Councilor	Yes
Percy Clarke	Councilor	Yes
Gabe Hood	Councilor	Yes
Terry Hoey	Councilor	Yes

The foregoing resolution was thereupon declared duly adopted.

DATED: December 4, 2024

Tim’s Pumpkin Patch PUD: This topic was tabled. The Town Board is still in the discussion phase.

Comprehensive Plan- SEQR: This topic has been tabled. The Town of Marcellus is waiting to hear from Onondaga Planning Department approving them as lead agency. The Town received notification from the Village of Marcellus granting permission to be the lead agency on the Comprehensive Plan. This topic will be discussed at the December 18, 2024 Workshop meeting.

Sewer Contract with the Village: This topic has been tabled. The Town and Village are still negotiating the terms. The Town sent a letter asking for an extension and amendment of agreement until another agreement can be negotiated.

Councilor Hoey made a motion seconded by Councilor Clarke to approve Supervisor Stevens to sign the extension agreement.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens

Carried

Modify Zoning Regulations to Include Outdoor Concerts: After much discussion during the Public Hearing, it was decided to table this topic for further discussion.

New Business:

Town Hall Hours of Operations: Effective January 1, 2025, Town Hall office hours will be 8:30am-4:00pm Monday through Friday. The Recreation Office will operate on a part-time schedule with the following hours Monday, Wednesday and Friday 11:00am-4:00pm and Tuesday and Thursday 8:30am-1:30pm.

Councilor Clarke made a motion seconded by Councilor Berwald to approve the modified hours for Marcellus Town Hall and the Recreation Office.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens

Carried

Bishop Hill and Lee Mulroy Road Safety Evaluation Update: Supervisor Stevens received an email from Onondaga County Department of Transportation informing the Town that after careful consideration and a thorough review of the current traffic data there will be no changes to the signage or striping at the intersection of Bishop Hill and Lee Mulroy Road. The DOT also stated that there is plenty of sight distance for the current speed limit and passing zones. The existing conditions met their safety and traffic flow standards.

Departments Reports:

Codes: John Houser, Codes Officer; informed the Town Board he is working on getting bids for the demolition of the trailer on Pleasant Valley Road. John also mentioned he has been in contact with the companies working on 4457 Dublin Road and is happy with the progress.

Highway: Mike Ossit, Highway Superintendent nothing to report.

Parks/Rec: Phil Coccia, Recreation Director informed the Town Board that Mark Moncavage retired from his position at Marcellus Park on November 1, 2024. Jane Attley will take the lead on applying for grants pertaining to plants and trees for the park. Jane is also working on the concert in the park schedule.

Town Clerk: Rosemary Tozzi, Town Clerk; Presented the monthly report for November 2024
Dog Licensing \$306.00
Passport \$210.00
Conservation \$80.21
Building \$236.00
Zoning Fees \$100.00

Discussion Agenda:

Fire Department: Dave Card had nothing to report

Dublin Road: A resident wants the Code's Officer to investigate debris that is being removed from the house and left on the property.

Adjournment: Councilor Clarke made a motion seconded by Councilor Hood to adjourn the meeting at 7:52pm.

Ayes – Berwald, Clarke, Hoey, Hood and Stevens

Carried

Respectfully submitted,

Rosemary Tozzi
Town Clerk

Town of Marcellus
Town Board
24 East Main Street,
Marcellus, New York 13108

December 4th, 2024

RE: Local Law No. C-2024, Titled, "A local Law to Amend Chapter 235 of the Code of the Town of Marcellus Regarding Outdoor Concerts"

To the Town Board Members,

I am submitting testimony regarding the proposed outdoor concert zoning change for the Town of Marcellus, highlighting four critical concerns that fundamentally compromise the proposed ordinance's effectiveness, fairness, and community protection.

Sound Measurement Precision: The existing health and safety noise ordinance 235-26, G. (2), prohibits all uses with sound that is considered offensive, or cause sound levels in excess of 60 decibels measured at any lot line, using the A-weighted scale of a standard sound meter. This 60 dB A scale, while establishing a baseline standard, inadequately captures the full acoustic impact of outdoor concerts. The A-weighted decibel scale fails to comprehensively measure low-frequency bass amplification, in the range of 50-250 Hz for a bass drum. This is the boom, boom, boom of a strongly amplified bass percussion drum or synthetic generated equivalent, that is felt as much as heard, and capable of effectively penetrating through building walls over long distances. These deep bass frequencies are frequently cited in amplified music related noise complaints at locations across Onondaga and Madison county as extremely objectionable.

I recommend amending the zoning change for outdoor concerts to specifically incorporate a 60 dB - C weighted scale measurement as the maximum allowable sound pressure measured at any lot line, which more accurately assess the complete sound energy and potential community disruption from low-frequency bass. Attached is a comparative graph showing how noise frequencies are weighted for the dB(A) and dB(C) scales. Most modern instrumentation for measuring sound have the capability to weight all the component frequencies of a sound and sum them into a single dB(A) or dB(C) number.

Enforcement Limitations of the Noise Ordinance: The current proposal presents significant enforcement challenges. With the code enforcement officer(s) generally unavailable during nights and weekends, there exists no realistic mechanism to monitor or enforce health and safety noise standards during special use outdoor concert permitted events during those time frames. This oversight in addressing enforcement resource limitations creates a regulatory enforcement gap that leaves residents vulnerable to potential noise health and safety violations.

To help compensate for limited enforcement resources, I recommend amending the zoning change to require a minimum of two town owned continuous sound measurement monitoring stations be installed at the property lot line of any special permit applicant requesting more than two for profit outdoor concerts a year. The sound measurement instruments would provide continuous logging of sound power levels during events. If there were neighbor complaints about excessive noise, the code enforcement officer could down-load the recorded data from the measurement instrument to evaluate compliance with the town noise ordinance. The measurement instruments and mounting stations would be paid for by an annual fee assessed to special permit applicants/holders requesting more than two for-profit concerts a year to cover the cost of the instruments, their mounting stations,

solar/battery power supplies and annual re-calibration. Such noise monitoring stations would provide a reliable baseline for low-cost compliance monitoring, for the town, area residents and the special permit applicant/holders, as well as an unbiased deterrent to non-compliant operations. The logging data recovered from the devices would be public information, accessible by FOIL and retained by the town for not less than one year.

Full Environmental Assessment Form, Part 2 – Identification of Potential Project Impacts, Project LL_2024 (Outdoor Concerts), November 6, 2024. Completed in the Town Board Meeting on that Date by the Town Attorney. Part 15. Impact on Noise, Odor, and Light. The proposed action may result in an increased in noise, odors, or outdoor lighting. Answer listed as NO.

The draft amendment to Chapter 235 of the Code of the Town of Marcellus adding as an allowed activity outdoor concerts must reasonably be recognized to have the potential for increased noise levels over current ambient levels, and the capability for exceedance of the town noise limits, at any location within the town. Amplified Music sound levels are limited only by human compliance with town health and safety codes. The draft amendment does not put into place any limits on the power of equipment used for sound amplification to physically prevent the capability to exceed maximum allowable noise levels, nor does it address how noise level compliance will be enforced during hours when the codes enforcement officers are off duty, nights and weekends. There are no barriers to the capability to exceed allowable limits provided in the draft amendment.

I recommend that the EAF findings be changed from a negative finding to a Conditioned Negative Declaration with the above previous recommendations incorporated into the findings.

Zoning Equity and Arbitrary Restrictions: The proposed zoning change raises substantial concerns regarding its specificity and potential bias. The draft code change appears targeted exclusively to agricultural zones of 10+ acres, with no clear rationale for this arbitrary threshold in size or area zoning. This approach raises critical questions about the ordinance's intent and fairness:

- Why limit the zoning change to agricultural zones?
- Why was the original Environmental Assessment form changed in the November 6, 2024 Town Board meeting from all zones/districts to agricultural zones?
- Why specify 10+ acres, and what is the scientific or community basis for this precise measurement?
- Why exclude other potential zones such as light industrial, business, or residential R-1 areas that might also meet minimum lot size requirements?
- If the noise ordinance is considered to provide adequate protection of resident's health and welfare, essentially a right to a quiet peace, in agricultural zones, why is it considered inadequate protection in all other zones?

The current draft suggests the zoning change is designed to accommodate a single specific business, rather than representing a comprehensive, equitable approach to community development and tourism promotion. If the intent is genuinely to enhance local tourism and economic opportunity, the ordinance should apply uniformly across appropriate zoning designations, without arbitrary restrictions.

These regulatory deficiencies demand immediate refinement to balance event flexibility with community preservation, fairness, and comprehensive planning. I urge the town board to carefully consider amendments addressing these substantive concerns.

Respectfully submitted,



Steven and Robin Bolewski

2973 Rose Hill Road
Marcellus NY

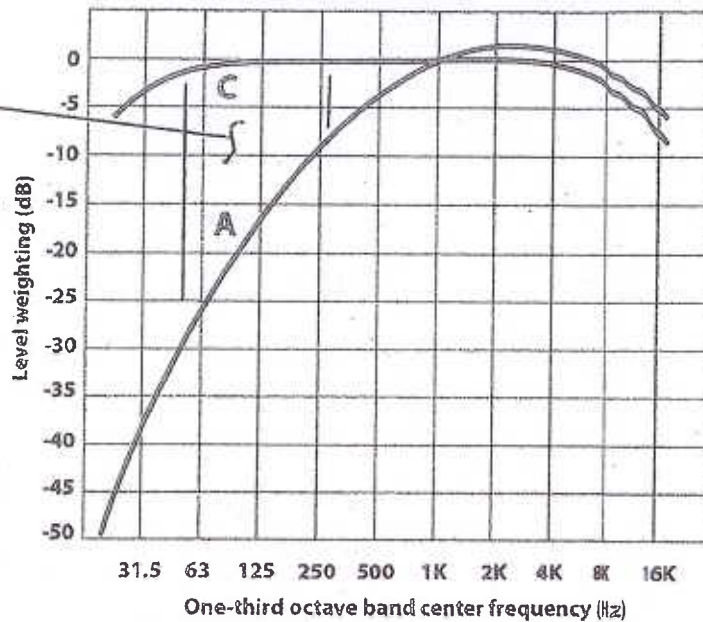
Attachments:

- dB A-and dB C- Weighting Curves for Sound Level Meters
- Example Stationary Outdoor Long Term Sound level Meters information.
- Town of Marcellus Zoning Map with Legend by Barton and Loguidice P.C., 2008

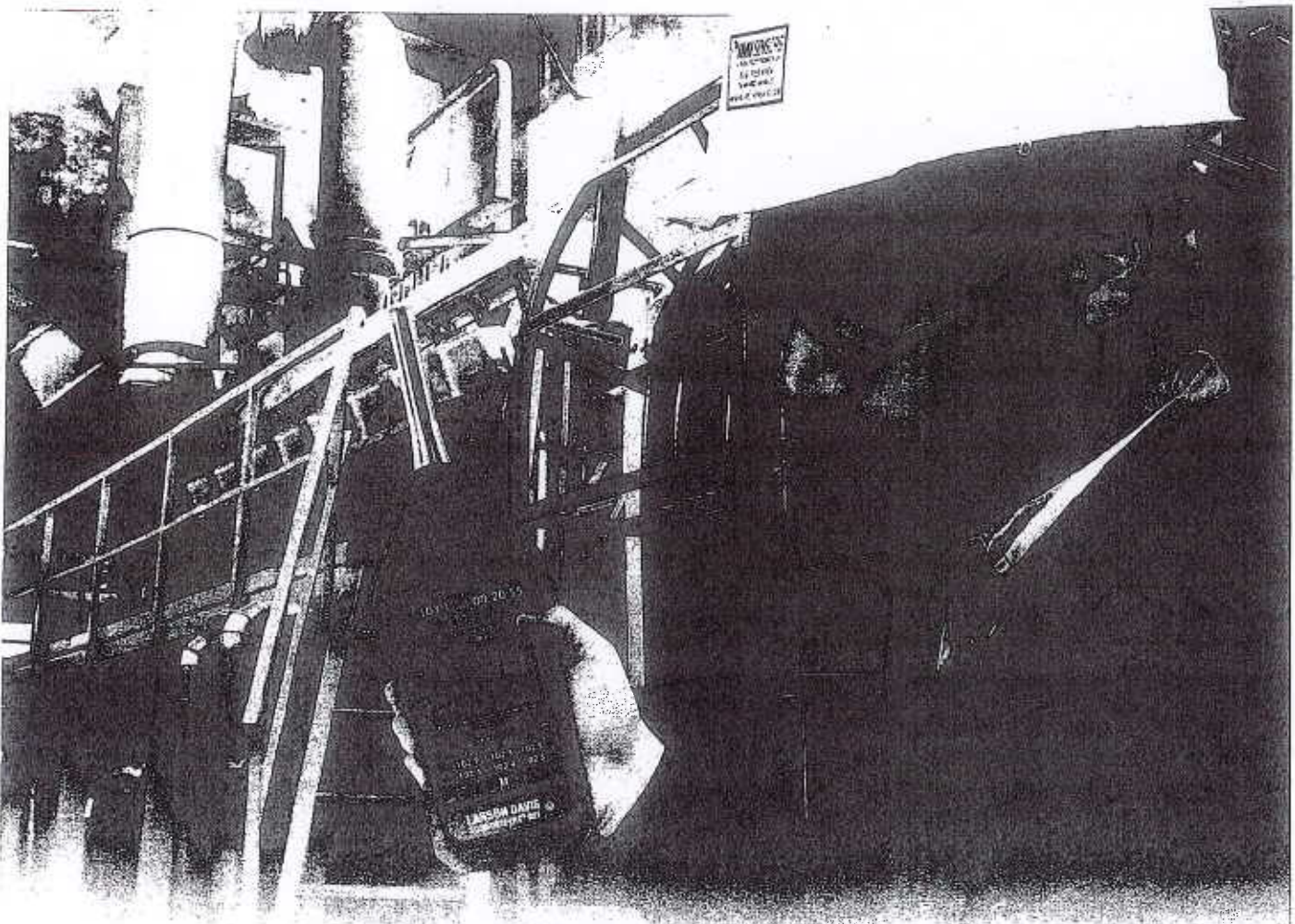
Most sounds can contain a mixture of many frequencies simultaneously. The human ear varies in its sensitivity to sounds of different frequency. Therefore, sound levels are often measured using a frequency-weighted filter which emulates the frequency sensitivity of the human ear. The frequency-weighting is referred to as the "A-scale." Most instrumentation for measuring sound has the capability to weight all of the component frequencies of a sound, and sum them into a single number; sounds measured in this way are designated in units of A-weighted decibels dB(A). A dB(A) spectral-sum sound pressure level is a reasonable single-number representation of the perceived overall loudness of a complex sound that contains multiple different frequencies. For this reason, most guidelines and limits for noise outdoors or indoors, such as ordinances, regulations and By-laws, are specified in terms of a single-number dB(A) level. Sound levels can also be measured using a frequency-weighted filter which provides a more suitable indication of the low frequency content, for the purpose of evaluating "bass" sound which may travel/penetrate farther than audible sound; sounds measured in this way are designated in units of C-weighted decibels dB(C). Most instrumentation for measuring sound has the capability to weight all of the component frequencies of a sound, and sum them into a single dB(A) or dB(C) number.

**International Standard for
 A- and C- Weighting Curves for Sound Level Meters**

*BASS
 NEW
 FREQUENCIES*



International Standard for A- and C- Weighting Curves for Sound Level Meters



SOUNDEXPERT® SOUND LEVEL METER

LARSON DAVIS
A PCB DIVISION

larsondavis.com | 1 716 926 8243

NOISE MEASUREMENT SOLUTIONS

- ▣ Environmental Noise
- ▣ City Noise
- ▣ Environmental Impact Studies
- ▣ Construction Noise
- ▣ Boundary Noise
- ▣ Product Noise Testing

SOUNDEXPERT SOUND LEVEL METER

SERIES 821ENV.

SoundExpert Sound Level Meter Series 821ENV simplifies noise measurements with a large, responsive touch-screen display. Whether making handheld sound level measurements or measuring environmental noise for several weeks, SoundExpert Model 821ENV is an excellent choice for ease of use and low power operation.

The SoundExpert Model 821ENV includes the essentials for measuring noise by providing:

- ▣ A, C, and Z frequency weightings
- ▣ F, S, and I time weightings
- ▣ Full-featured data logging

Included G4 LD Utility software offers project management, measurement setup, data visualization, data export, and streamlined report generation.

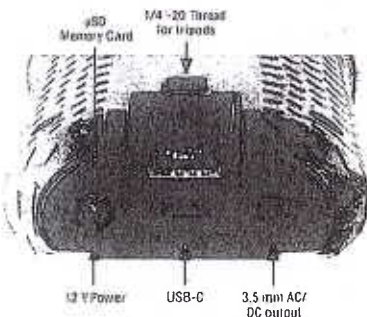
The SoundExpert Sound Level Meter Model 821ENV together with Larson Davis quality and customer support delivers a professional solution you can trust.

HIGHLIGHTS

- ▣ Removable preamplifier up to 200 ft (60 m)
- ▣ Large, responsive touch display
- ▣ Long battery life – up to 40 hours
- ▣ Automatic data download via Bluetooth or USB options
- ▣ Flexible powering options, including wireless charging and 12 V battery
- ▣ Optional 1/1 and 1/3 octave band analysis available
- ▣ Ready to measure in seconds with quick boot time
- ▣ Class 2 meters available as Model 721ENV and Model 721ENV-D (See Specifications for details)
- ▣ Languages supported: English, Français, Italiano, Português, Español

AVAILABLE CONFIGURATIONS				
MODEL	721ENV	721ENV-D	821ENV	821ENV-D
Class	2	2	1	1
Logging	○	○	○	○
Community Noise Metrics	○	○	○	○
OBA (1/1 and 1/3 Bands)		○		○
Dosimetry	○	○	○	○

○ - Included ○ - Optional



Meter Ports



SOUNDEXPERT NOISE MONITORING SYSTEM

MODEL NMS048

For unattended, longer noise monitoring projects, SoundExpert Noise Monitoring Kit Model NMS048 offers rugged environmental protection and flexible powering options. Choose from solar, line, 12 V battery, or D-cell battery to match the length and requirements of your project. Designed for easy transport to the measurement site, deploy the system and retrieve after measurement. Data is automatically download via Bluetooth to connected PC.

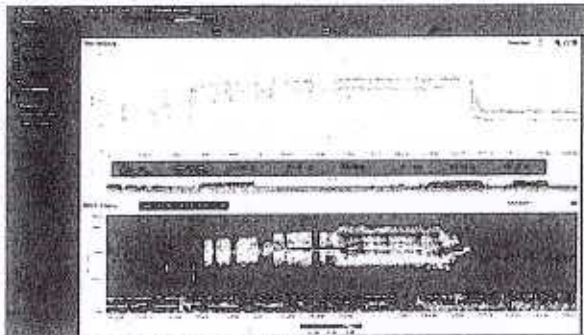


HIGHLIGHTS

- ❑ Complete weatherproof noise measuring system
- ❑ Up to two weeks of continuous operation with 12V SLA battery, plus flexible powering options for longer term measurements
- ❑ Ideal to deploy, measure, retrieve, and analyze data
- ❑ Includes SoundExpert Sound Level Meter Model 821ENV-D

AVAILABLE CONFIGURATIONS	
Base Model, typical run time 2 weeks	NMS048-SLA
Base Model with Solar Panel, indefinite run time	NMS048-SLA-S
Base Model with US / North American Power Kit, indefinite run time	NMS048-SLA-ACU
Base Model with European Power Kit, indefinite run time	NMS048-SLA-ACE

SOFTWARE SOLUTIONS

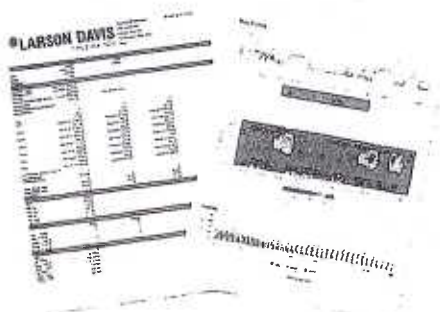


Time History Graph with optional 1/3 Octave Band data

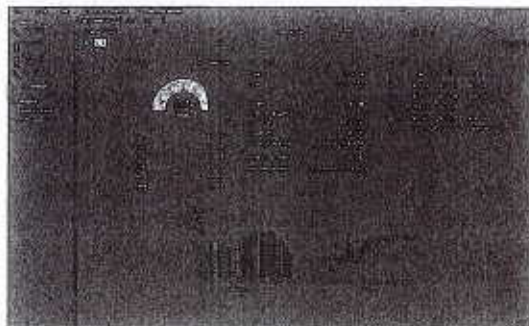
G4 LD UTILITY

Simplify meter and measurement management with Larson Davis's G4 Utility software

- ❑ Create and store device setups
- ❑ Push setup to multiple meters at once
- ❑ Visualize data with interactive graphing features
- ❑ Create shareable reports with a few simple clicks
- ❑ Manage projects



G4 LD Utility Measurement Report



Live Sound Measurement View

SOUNDEXPERT MODEL 821ENV SPECIFICATIONS

General	
Time Weightings	Fast, Slow & Impulse
Frequency Weightings	A, C & Z
Dynamic Range	17 to 140 dB
Data Storage (microSD card)	8 GB standard Up to 32 GB (μSDHC) or 256 (μSDXC)
Communication	USB-C, Bluetooth BLE 4.1
Display	480 x 800 color with capacitive touch
Power	Internal Lithium battery, USB-C or external 12 V
Battery Recharge	Qi Wireless, USB-C, or external 12 V
Runtime (Internal battery @ 22 C)	40 hours (display off) 15 hours (display on)
External Power	6 V to 24 V DC (720 mW w/ display off)
Logging	Time history: 100 ms to 1 h Measurement History: 1 min to 6 h
Metrics	Leq, Lmax, Lmin, Lpeak, Ln (6 values), LDN, LDEN, Time above
1/1 and 1/3 Octave Metrics (Optional)	Leq, Lmax, Lmin
Signal Output	AC/DC on 3.5 mm TRS jack
Operating Temperature	-30 to 60 °C
Filters (Optional)	
Bandwidth	1/1 and 1/3 Octaves
Frequencies (base 10)	1/1: 8 Hz to 16 kHz 1/3: 6.3 Hz to 20 kHz
Standards Compliance	ANSI S1.11-2014 Class 1 IEC 61260:2014 Class 1
Standards	
Acoustic	721 Models: ANSI S1.4-2014 Class 2, IEC 61672-1:2013 Class 2 821 Models: ANSI S1.4-2014 Class 1, IEC 61672-1:2013 Class 1
Noise Dosimetry (Optional)	ANSI S1.25-1991 IEC 61252:2017
Safety	Directive 2014/35/EU IEC 61010-1:2010 RoHS Directive 2011/65/EU
Approvals	CE, RoHS, WEEE
Physical	
Weight	0.75 lbs. (383 g)
Dimensions (H x W x D)	10.1 x 3.3 x 1.3 in (260 x 83 x 32 mm)

ORDERING INFORMATION

Sound Level Meter Included Accessories	
Free-field Microphone (50 mV/Pa)	721 Models: 375A04 821 Models: 377B02
Preamplifier	721 Models: PRM721 821 Models: PRM821
USB-C Cable	CBL242-03
Software	G4 LD Utility
Outdoor Noise Monitoring Included Accessories	
Sound Level Meter with Accessories Noted Above	821ENV-D
Outdoor Microphone Protection	EPS2116
USB Power Supply	PSA045
Weatherproof Case	EPS048
21 AH 12 V SLA Battery	BAT011
Optional Accessories	
Replacement internal lithium batteries	BAT026
Power cable with Anderson Powerpole® connectors to bare wires (6 in. / 15 cm)	CBL226-1/2
12 V power cable for 721 and 821 of length 15 in. (38 cm). Terminated with Anderson Powerpole® connector	CBL241-01
Universal AC power supply with USB-C output connector	PSA045
Hard shell shipping and carrying case	CCS060
Qi charger pad with USB-C connector	PSA046
Tripod with low acoustic signature for use with Sound Level Meters. Max height 80 inches (2 m)	TRP025
Accessory kit for Class 1 Sound Level Meters; includes case (CCS060), power supply (PSA045), Class 1 calibrator (CAL200) & windscreen (WS001)	X21-ACC
Accessory kit for Class 2 Sound Level Meters; includes case (CCS060), power supply (PSA045), Class 2 calibrator (CAL150) & windscreen (WS001)	X21-ACC1
Firmware option to disable Bluetooth	X21-NBT
8 GB, industrial grade microSD memory chip	X21-SD-8GB
Weatherproof Case with 8, D-cell battery holder; offers 10 days run time, typical	EPS048-ALK
Monopole with Superclamp	EPS048-OPT3
Preamplifier extension cables up to 200 ft. (60 m)	EXC series

SOUNDEXPERT OUTDOOR NOISE MONITORING SYSTEMS SUMMARY

System	Microphone Protection	SLA Battery	Solar Panel	AC Adaptor for North America	AC Adaptor for EU	Monopole	Solar Controller	Weight	Dimensions (H x W x D)
NMS048-SLA	✓	✓	Optional	Optional	Optional	Optional		28 lbs. (13 kg)	19 x 14 x 7 in (50 x 36 x 18 cm)
NMS048-SLA-ACE	✓	✓	Optional	✓		Optional	✓	31 lbs. (14 kg)	
NMS048-SLA-ACU	✓	✓	Optional		✓	Optional	✓	31 lbs. (14 kg)	
NMS048-SLA-S	✓	✓	✓	Optional	Optional	Optional	✓	42 lbs. (19 kg)	



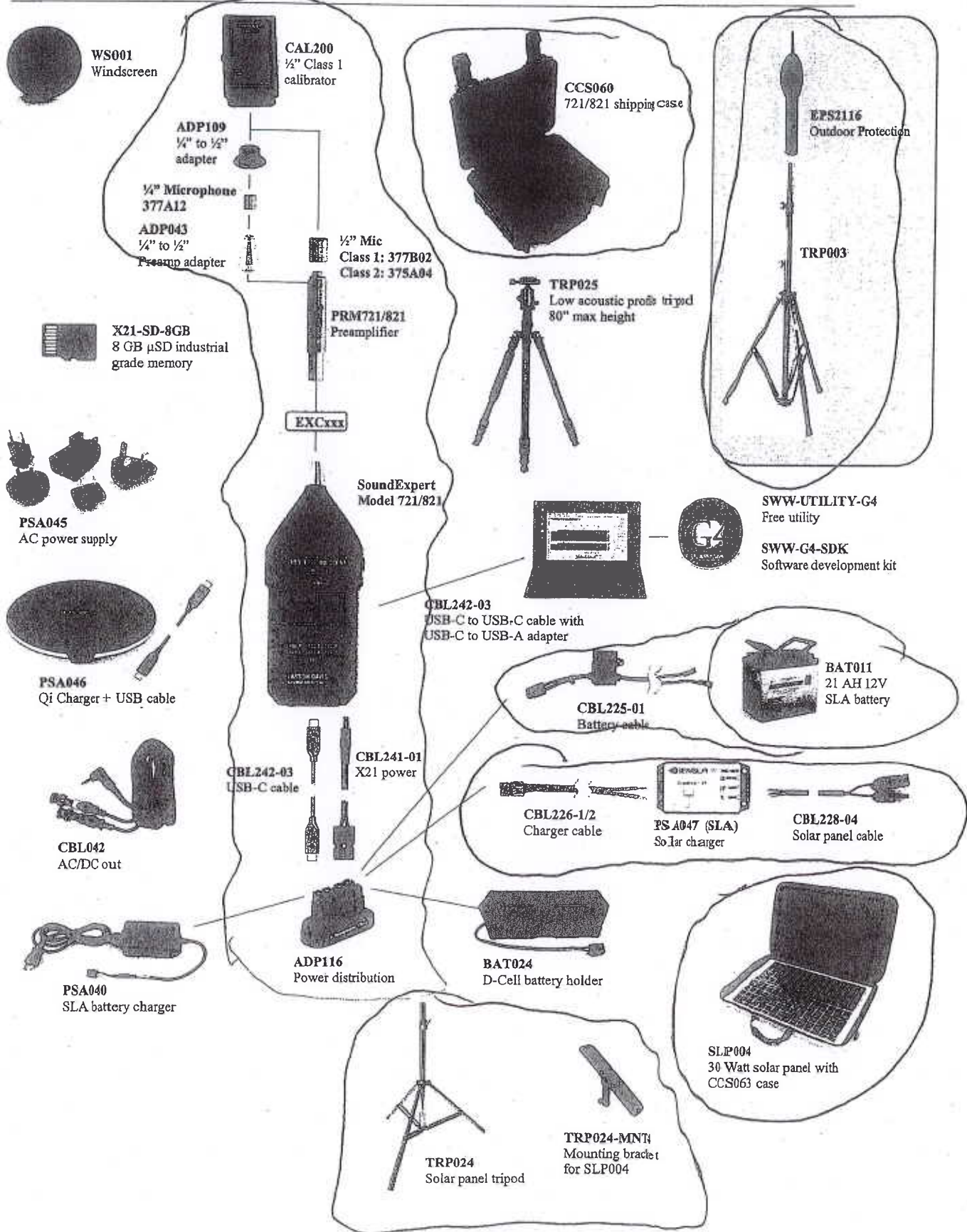
3425 Walden Avenue, Depew, NY 14043 USA

larsondavis.com | sales@larsondavis.com | 888 258 3222 | +1 716 926 8243

© 2024 PCB Piezotronics - all rights reserved. PCB Piezotronics is a wholly-owned subsidiary of Amphenol Corporation. Endevo is an assumed name of PCB Piezotronics of North Carolina, Inc., which is a wholly-owned subsidiary of PCB Piezotronics, Inc. Accumetrics, Inc. and The Modal Shop, Inc. are wholly-owned subsidiaries of PCB Piezotronics, Inc. iMI Sensors and Larson Davis are Divisions of PCB Piezotronics, Inc. Except for any third party marks for which attribution is provided herein, the company names and product names used in this document may be the registered trademarks or unregistered trademarks of PCB Piezotronics, Inc., PCB Piezotronics of North Carolina, Inc. (d/b/a Endevo), The Modal Shop, Inc. or Accumetrics, Inc. Detailed trademark ownership information is available at www.pcb.com/trademark-ownership. In the interest of constant product improvement, specifications are subject to change without notice.

MD-0510 rev 0124

SoundExpert 721/821 Configuration Guide



WS001
Windscreen

CAL200
1/2" Class 1
calibrator

ADP109
1/4" to 1/2"
adapter

1/4" Microphone
377A12

ADP043
1/4" to 1/2"
Preamp adapter

1/2" Mic
Class 1: **377B02**
Class 2: **375A04**

PRM721/821
Preamplifier

EXCxxx

SoundExpert
Model **721/821**

X21-SD-8GB
8 GB uSD industrial
grade memory

PSA045
AC power supply

PSA046
Qi Charger + USB cable

CBL042
AC/DC out

PSA040
SLA battery charger

ADP116
Power distribution

BAT024
D-Cell battery holder

TRP024
Solar panel tripod

TRP024-MNT
Mounting bracket
for **SLP004**

SLP004
30 Watt solar panel with
CCS063 case

CBL242-03
USB-C to USB-C cable with
USB-C to USB-A adapter

SWW-UTILITY-G4
Free utility

SWW-G4-SDK
Software development kit

CBL225-01
Battery cable

BAT011
21 AH 12V
SLA battery

CBL226-1/2
Charger cable

PS A047 (SLA)
Solar charger

CBL228-04
Solar panel cable

CCS060
721/821 shipping case

TRP025
Low acoustic profile tripod
80" max height

EPS2116
Outdoor Protection

TRP003

SoundExpert 721/821 Accessory Kits

X21-ACC



CAL200
1/2" Class 1
calibrator



CCS060
721/821 shipping case



PSA045
AC power supply



WS001
Windscreen

X21-ACC1



CAL150
1/2" Class 2
calibrator



CCS060
721/821 shipping case



PSA045
AC power supply



WS001
Windscreen

Components for QPR



**SoundExpert
Or Spartan
Model 821**



1/4" Microphone



ADP043
1/4" to 1/2"
Preamp adapter

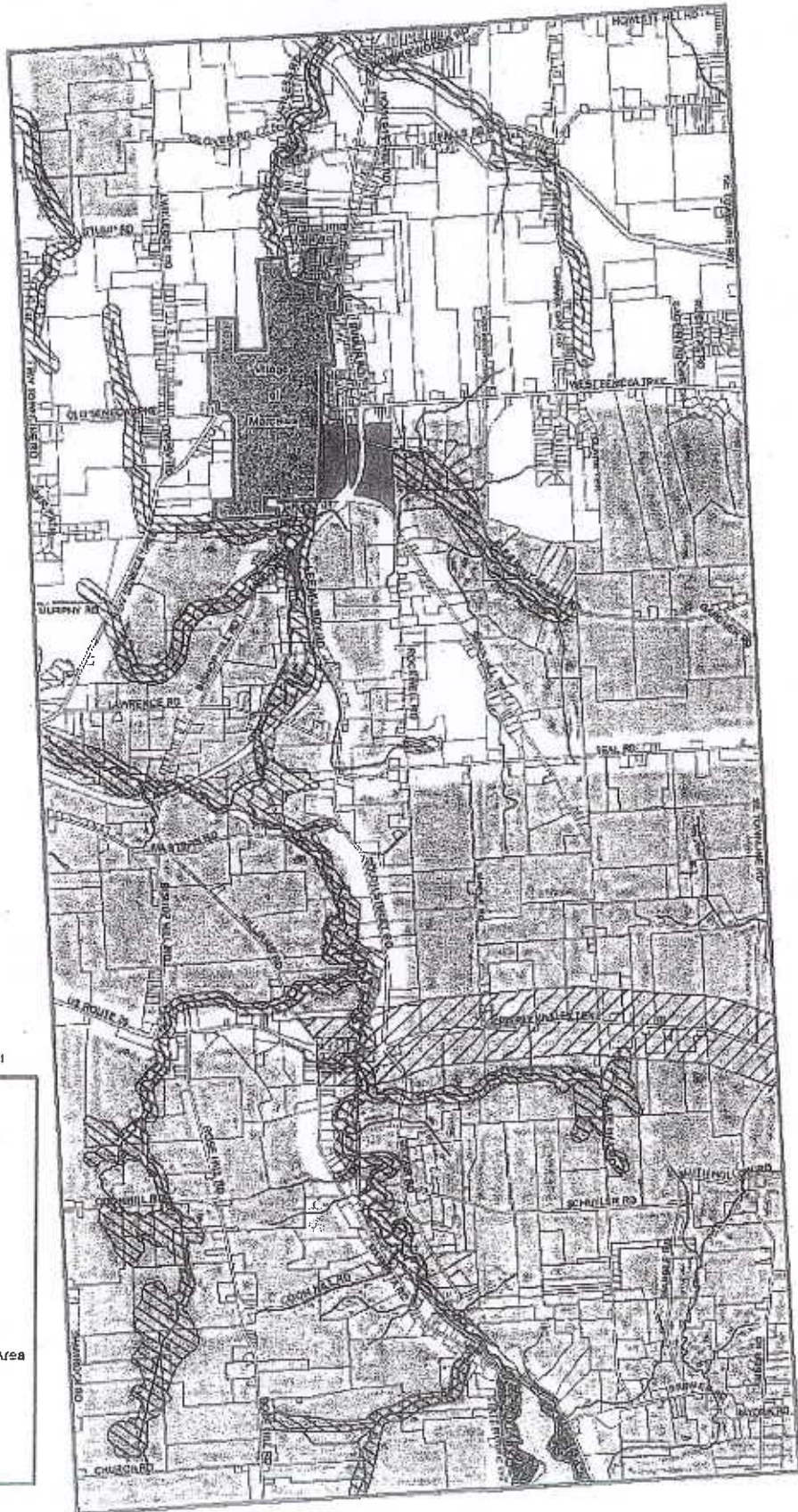


PRM721/821
Preamplifier



ADP109
1/4" to 1/2"
calibrator adapter

Town of Marcellus Zoning Map



Legend

Zoning Classifications

- Residential R-1
- Residential R-2
- Residential R-4
- Business B-1
- Agricultural A-1
- Light Industrial L-1
- Highway Overlay Zone
- Critical Environmental Area
- Lake
- Hydrography
- Tax Parcel Boundaries
- Municipal Boundary