



Description

The SSE 10M is a new low profile monitor enclosure featuring high power ratings with custom components, a sleek look and a unique, snap-in metal grille. The SSE 10M is a full range two-way system featuring the highly acclaimed Peavey 14XT™ titanium compression driver with the diverse Sound Guard IV tweeter protection network and a maximum-performance 10" woofer for a smooth response. The SSE 10M is rated at 400 Watts program and 800 Watts peak. This lightweight speaker system may be placed on stage at angles of either 30 or 45 degrees and is ideal for smaller venues where stage space is at a premium. Connections are made using a four-pin twist lock connectors or a paralleled two position terminal block for additional cabinets. The SSE 10M is available in black or white finishes.

Features

- Two-way monitor enclosure
- Peavey 14XT™ titanium compression driver
- Sound Guard™ IV tweeter protection network
- 400 Watts program/800 Watts peak power handling
- 12 mm Birch plywood construction
- 80 Hz to 17 kHz
- 95 dB at 1W/1m
- 8 Ohms
- Available in black or white finishes

Frequency response, 1 meter on-axis, swept-sine in anechoic environment:
 80 Hz to 17kHz (±3 dB)

Usable low frequency limit (-10 dB point):
 60 Hz

Power handling:
 Full Range:
 400 W program
 800 W peak

Sound pressure level, 1 Watt, 1 meter in anechoic environment:
 Full range:
 95 dB SPL (2.83 V input)

Maximum sound pressure level (1 meter):
 Full range:
 118 dB SPL continuous
 124 dB SPL peak



SANCTUARY SERIES™

Transducer complement:

Low frequency section:

Premium grade 10" woofer

High frequency section:

Peavey 14XT titanium diaphragm

compression driver on a 90 x 60 constant directivity horn

Box tuning frequency:

Low Frequency Section: 78 Hz

Harmonic distortion:

1% rated power

Second harmonic:

100 Hz: 0.43%

1 kHz: 0.07%

Third harmonic:

100 Hz: 0.58%

1 kHz: 1.02%

10% rated power

Second harmonic:

100 Hz: 2.28%

1 kHz: 0.40%

Second harmonic:

100 Hz: 0.97%

1 kHz: 2.02%

Electro-acoustic crossover frequency (internal passive):

2.8 kHz

Impedance (Z):

Full range:

Nominal: 8 Ω

Minimum: 5.4 Ω

Input connection:

One four-pin twist lock connector in parallel with one two-position terminal strip

Enclosure materials & finish:

Dado-joined 12 mm Birch finished with a textured acrylic polyurethane, with a full length metal grille covered with acoustical grade grille cloth. Available in black, white or natural finishes.

Dimensions (H x W x D):

14.56 in. x 19.63 in. x 15.95 in.

370 mm x 498 mm x 405 mm

Net weight:

29 Lbs. (13.2 kg)

Frequency response

This measurement is useful in determining how accurately a given unit reproduces an input signal. The frequency response of the SSE 10M is measured at a distance of 1-meter using a 1 watt (into the nominal impedance) swept-sine input signal. As shown in figure 1, the selected drivers in the SSE 10M combine to give a smooth frequency response from 80 Hz to 17kHz.

Power handling

There are many different approaches to power handling ratings. Peavey rates this loudspeaker system's power handling using a full-range form of the AES Standard 2-1984. Using audio band 20 Hz to 20 kHz pink noise with peaks of four times the RMS level, this strenuous test signal assures the user that every portion of this system can withstand today's high technology music. This rating is contingent upon having a minimum of 3 dB of amplifier headroom available.

Harmonic distortion

Second and third harmonic distortions vs. frequency are plotted in figures 3 & 4 for two power levels. Ten percent (10%) of rated input power and either one percent (1%) of rated input power or 1 Watt, whichever is greater. Distortion is read from the graph as the difference between the fundamental signal (frequency response) and the desired harmonic. As an example, a distortion curve that is down 40 dB from the fundamental is equivalent to 1% distortion.

Architectural & engineering specifications

The loudspeaker system shall have an operating bandwidth of 80 Hz to 17kHz. The nominal output level shall be 95 dB when measured at a distance of one meter with an input of one watt. The nominal impedance shall be 8 ohms. The maximum program power handling shall be 400 Watts and a peak power input of at least 800 Watts, with a minimum amplifier headroom of 3 dB. The nominal radiation geometry shall be 90° in the horizontal plane and 60° in the vertical plane. The outside dimensions shall be 14.56" high by 19.63" wide by 15.95" deep. The weight shall be 29 lbs. The loudspeaker system shall be a model SSE 10M

Amplitude Response (1W 1m On-Axis)

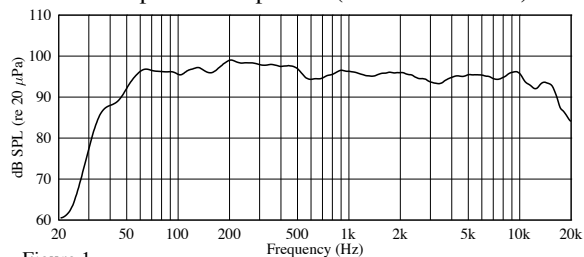


Figure 1

Impedance

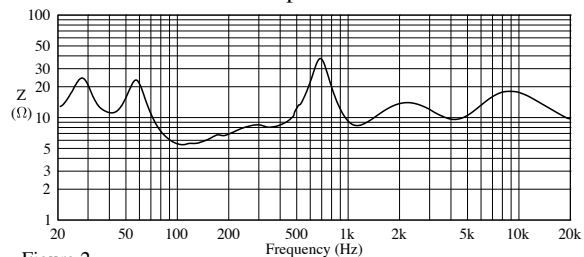


Figure 2

Harmonic Distortion : 10% Rated Power

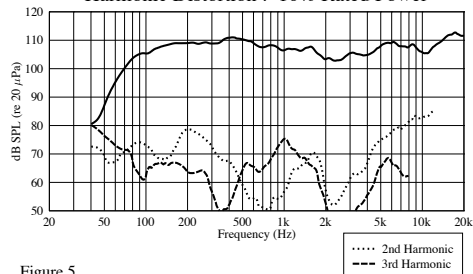


Figure 5

Harmonic Distortion : 1% Rated Power

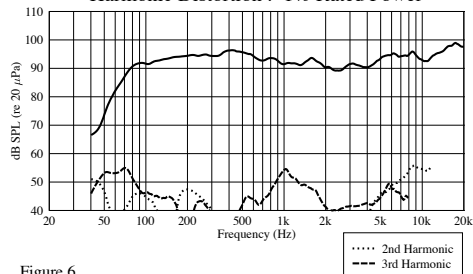


Figure 6

Input Plate



Logo referenced in Directive 2002/96/EC Annex IV (OJ(L)37/38,13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005



SANCTUARY SERIES™

www.santuario-series.com

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Features and specifications subject to change without notice.

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This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings on the page.

PEAVEY ELECTRONICS CORPORATION LIMITED WARRANTY

Effective Date: 03/04/2010

What This Warranty Covers

Your Peavey Warranty covers defects in material and workmanship in Peavey products purchased and serviced in the U.S.A. and Canada.

What This Warranty Does Not Cover

The Warranty does not cover: (1) damage caused by accident, misuse, abuse, improper installation or operation, rental, product modification or neglect; (2) damage occurring during shipment; (3) damage caused by repair or service performed by persons not authorized by Peavey; (4) products on which the serial number has been altered, defaced or removed; (5) products not purchased from an Authorized Peavey Dealer.

Who This Warranty Protects

This Warranty protects only the original purchaser of the product.

How Long This Warranty Lasts

The Warranty begins on the date of purchase by the original retail purchaser. The duration of the Warranty is as follows:

Product Category	Duration
Guitars/Basses, Amplifiers, Preamplifiers, Mixers, Electronic Crossovers and Equalizers	2 years *(+ 3 years)
Drums	2 years *(+ 1 year)
Enclosures	3 years *(+ 2 years)
Digital Effect Devices and Keyboards and MIDI Controllers	1 years *(+ 1 year)
Microphones	2 years
Speaker Components (incl. Speakers, Baskets, Drivers, Diaphragm Replacement Kits and Passive Crossovers)	1 year
Tubes and Meters	90 Days
Cables	Limited Lifetime
Rockmaster Series, Strum'n Fun, Vectra, Rotor, OCC Stage pack, GT & BT Series amps, Retro Fire, Metal Maker and Iron Wing	1 year

[* Denotes additional Warranty period applicable if optional Warranty Registration Card is completed and returned to Peavey by original retail purchaser within 90 days of purchase.]

What Peavey Will Do

We will repair or replace (at Peavey's discretion) products covered by Warranty at no charge for labor or materials. If the product or component must be shipped to Peavey for Warranty service, the consumer must pay initial shipping charges. If the repairs are covered by Warranty, Peavey will pay the return shipping charges.

How To Get Warranty Service

(1) Take the defective item and your sales receipt or other proof of date of purchase to your Authorized Peavey Dealer or Authorized Peavey Service Center.

OR

(2) Ship the defective item, prepaid, to Peavey Electronics Corporation, International Service Center, 412 Highway 11 & 80 East, Meridian, MS 39301. Include a detailed description of the problem, together with a copy of your sales receipt or other proof of date of purchase as evidence of Warranty coverage. Also provide a complete return address.

Limitation of Implied Warranties

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

Exclusions of Damages

PEAVEY'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT, AT PEAVEY'S OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. PEAVEY SHALL NOT BE LIABLE FOR DAMAGES BASED ON INCONVENIENCE, LOSS OF USE, LOST PROFITS, LOST SAVINGS, DAMAGE TO ANY OTHER EQUIPMENT OR OTHER ITEMS AT THE SITE OF USE, OR ANY OTHER DAMAGES WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you have any questions about this Warranty or services received or if you need assistance in locating an Authorized Service Center, please contact the Peavey International Service Center at (601) 483-5365.

Features and specifications are subject to change without notice.



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Optional Product Extended Warranty Registration

Give us some information and put your extended warranty into effect!

Please take a few minutes to fill out this information/survey sheet to help us get to know and serve you better.
To save time, submit your warranty registration online at www.peavey.com/support/warrantyregistration

1.

First Name _____ Initial _____ Last Name _____

Street Address _____

City _____ State/Province _____ Postal Code _____

() _____

Telephone Number _____ E-mail Address _____

() _____

Fax Number _____ Date of Birth _____

Gender ☐ M ☐ F

2.

--	--	--	--	--	--	--	--

Model _____ 8-Digit Serial Number _____

Date of Purchase _____ Price Paid _____

3.

Name of store where purchased _____

City _____ State _____

4. Top two (2) reasons why you purchased from this store/dealer:

- | | |
|---|--|
| <input type="checkbox"/> Availability of product | <input type="checkbox"/> Past favorable experience |
| <input type="checkbox"/> Friend/Relative's recommendation | <input type="checkbox"/> Best price |
| <input type="checkbox"/> Store credit card | <input type="checkbox"/> Advertised special |
| <input type="checkbox"/> Knowledgeable staff | <input type="checkbox"/> Convenient location |
| <input type="checkbox"/> Availability of lessons | <input type="checkbox"/> Received as a gift |
| <input type="checkbox"/> Technical instruction | <input type="checkbox"/> Other _____ |

5. Where do you most often shop for music and sound products?

- | | |
|---|---|
| <input type="checkbox"/> Independent retailer | <input type="checkbox"/> Newspaper ads |
| <input type="checkbox"/> Mass market retailer | <input type="checkbox"/> Internet/Web sites |
| <input type="checkbox"/> Mail order magazines | <input type="checkbox"/> Other _____ |

6. What two (2) factors most influenced your purchase of this product?

- | | |
|--|---|
| <input type="checkbox"/> Peavey brand name | <input type="checkbox"/> Product appearance |
| <input type="checkbox"/> Craftsmanship | <input type="checkbox"/> Durability |
| <input type="checkbox"/> Features for price | <input type="checkbox"/> Prior experience with Peavey |
| <input type="checkbox"/> Bundled accessories | <input type="checkbox"/> Packaging |
| <input type="checkbox"/> Sound quality | <input type="checkbox"/> Other _____ |

7. How did you learn about this Peavey product? (select best answer)

- | | |
|---|---|
| <input type="checkbox"/> Magazine review | <input type="checkbox"/> Teacher's recommendation |
| <input type="checkbox"/> Newspaper review | <input type="checkbox"/> Catalog or flyer |
| <input type="checkbox"/> Radio advertisement | <input type="checkbox"/> Saw in store |
| <input type="checkbox"/> Advertised special | <input type="checkbox"/> Use by professional |
| <input type="checkbox"/> Friend/Relative's recommendation | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Salesperson's recommendation | |

8. Which other brands/models did you consider?

9. How would you describe your level of musicianship/technical expertise?

- ☐ Beginner - Never played or taken less than one (1) year of lessons
☐ Intermediate - One (1) to five (5) years of lessons or playing
☐ Advanced - More than five (5) years of lessons or playing; play professionally

10. Education: (select best answer)

- ☐ High school
☐ Some college
☐ Completed college
☐ Graduate school

11. Which best describe your family income? (select best answer)

- | | |
|--|--|
| <input type="checkbox"/> Under \$15,000 | <input type="checkbox"/> \$75,000 - \$99,999 |
| <input type="checkbox"/> \$15,000 - \$24,999 | <input type="checkbox"/> \$100,000 - \$149,999 |
| <input type="checkbox"/> \$25,000 - \$34,999 | <input type="checkbox"/> Over - \$150,000 |
| <input type="checkbox"/> \$35,000 - \$49,999 | |
| <input type="checkbox"/> \$50,000 - \$74,999 | |

12. Which of the following is your primary source of information on musical products: (select best answer)

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Television | <input type="checkbox"/> Mail order catalogs |
| <input type="checkbox"/> Radio | <input type="checkbox"/> Direct mail |
| <input type="checkbox"/> Internet | <input type="checkbox"/> Literature from manufacturer |
| <input type="checkbox"/> Newspaper | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Magazines | |

13. What is your main motivation for buying new equipment?

- | | |
|--|--|
| <input type="checkbox"/> Replacing old product | <input type="checkbox"/> Impulse |
| <input type="checkbox"/> Want new and leading edge equipment | <input type="checkbox"/> Need for improved performance |
| <input type="checkbox"/> Fulfill a specific need | <input type="checkbox"/> New technology |
| <input type="checkbox"/> Supplement existing products | <input type="checkbox"/> Availability of product |
| <input type="checkbox"/> Value | <input type="checkbox"/> Other _____ |

14. Please list your three most frequently visited Web sites.

1. <http://> _____
 2. <http://> _____
 3. <http://> _____

15. In your opinion, what could Peavey do to improve its products and/or service? Please use the space below to tell us your answer.

Thank you for taking the time to fill out our survey! Don't forget to fold and tape (with Peavey address facing out), affix postage stamp and drop in the mail!



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FROM:



Peavey Electronics Corporation
Attn: Warranty Department
P.O. Box 5108
Meridian, Ms 39302-5108

Place
Postage
Here