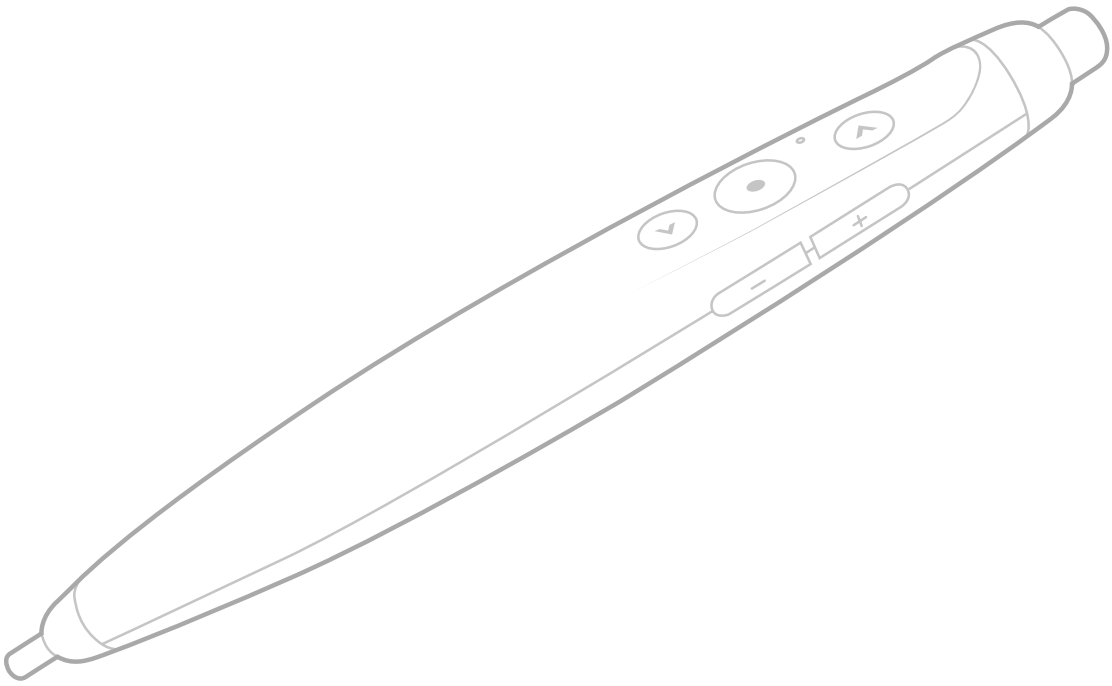
ViewSonic®

VB-PEN-007

Air Pen
User Guide



IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic® Corporation, which is also found on our web site at http://www.viewsonic.com in English, or in specific languages using the Regional selection box of our website.

Model No. VS19566
P/N: VB-PEN-007

Thank you for choosing ViewSonic®

As a world-leading provider of visual solutions, ViewSonic® is dedicated to exceeding the world's expectations for technological evolution, innovation, and simplicity. At ViewSonic®, we believe that our products have the potential to make a positive impact in the world, and we are confident that the ViewSonic® product you have chosen will serve you well.

Once again, thank you for choosing ViewSonic®!

Safety Precautions

Please read the following **Safety Precautions** before you start using the device.

- Keep this user guide in a safe place for later reference.
- Read all warnings and follow all instructions.
- Do not immerse the pen in water and store it in a cool, dry environment when not in use.
- Avoid exposing the pen to direct sunlight or other continuous heat sources. Do not place the pen in close proximity to heat sources such as: heat sinks, heaters, or other sources of continuous heat.
- When charging this product, please use a dedicated charger/cord.
- This product contains a polymer lithium-ion battery. Do not attempt to disassemble and replace the internal parts.
- Do not use this product alone with infants or children to avoid accidents.
- Do not put liquids near the pen. If liquid is spilled into or on the pen, it may cause the pen to malfunction. If the pen becomes wet, please disconnect the power and call your local service center to repair the pen.
- If the product emits an odor, becomes hot, discolored or deformed, or if any abnormalities occur during use, storage or charging, discontinue use immediately.
- If the battery leaks and the electrolyte gets into your eyes, please do not rub it, use water to flush your eyes, and contact a medical professional immediately.
- Use only the accessories specified by the manufacturer.
- This product has no parts which can be repaired by the user. Any damage caused by the user's own disassembly is not covered by warranty. Repair operations should be performed by qualified professionals.

Contents

Safety Precautions 3

Introduction 5

Package Contents 5

Product Overview 6

Initial Setup 7

Charging the VB-PEN-007 7

Powering ON and Pairing the VB-PEN-007 8

Re-Pairing the VB-PEN-007 9

Using the VB-PEN-007 10

Pen Nibs 10

Replacing Pen Nibs 10

Using the Presentation Function 11

Appendix 12

Presenter Pen Specifications 12

USB Receiver Specifications 12

LED Indicator Status 13

Regulatory and Service Information 14

Compliance Information 14

FCC Compliance Statement 14

FCC Radiation Exposure Statement 15

IC Warning Statement 15

CE Conformity for European Countries 16

Declaration of RoHS2 Compliance 17

Indian Restriction of Hazardous Substances 18

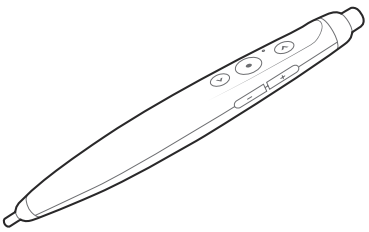
Product Disposal at End of Product Life 18

Copyright Information 19

Customer Service 20

Introduction

Package Contents



Presenter Pen

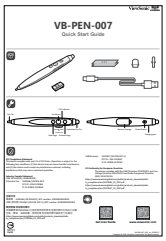
USB Receiver

USB Cable

Fine Pen Nib

Thick Pen Nib

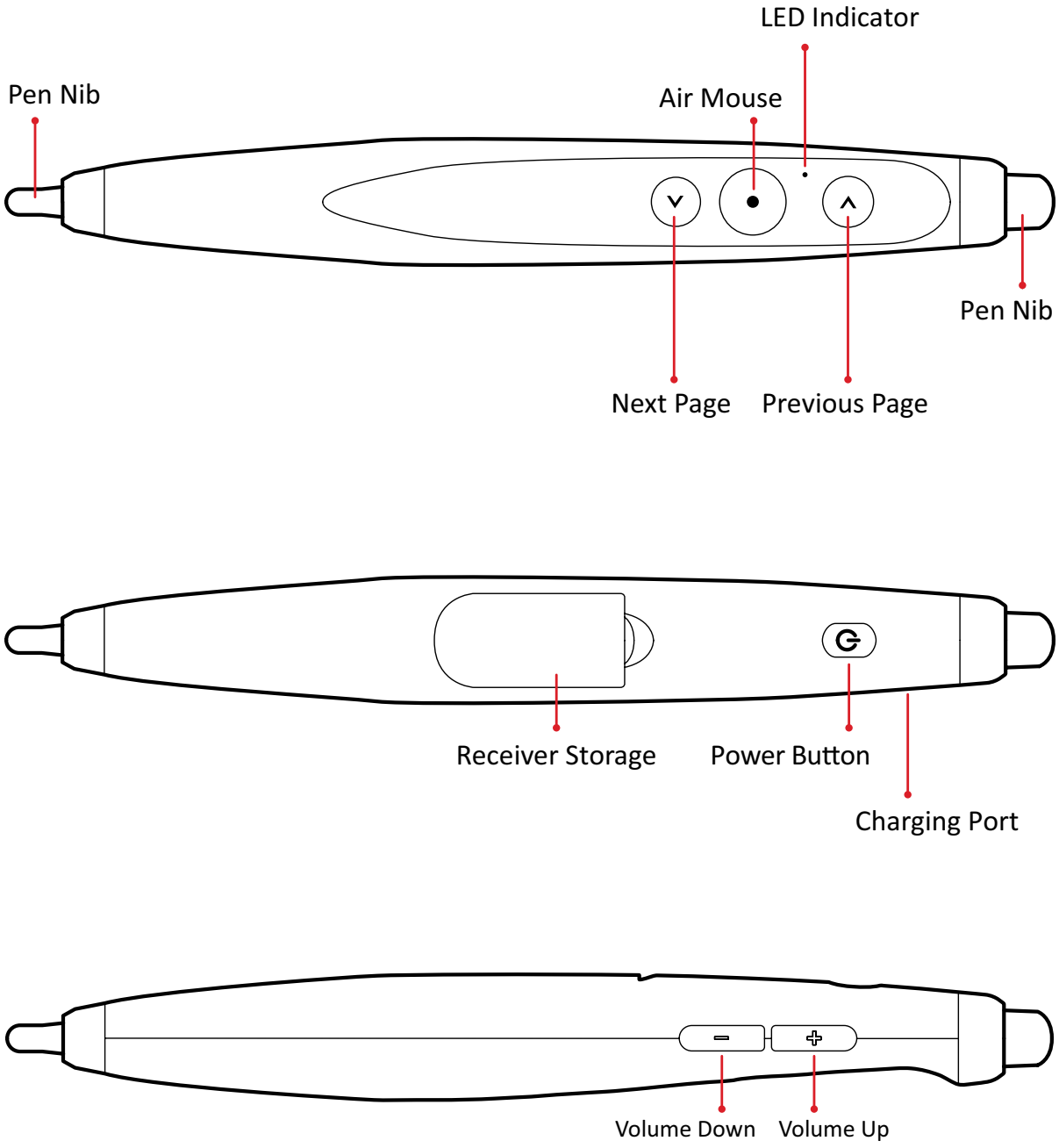
Conductive Pen Nib



Quick Start Guide

NOTE: The package contents may vary by region.

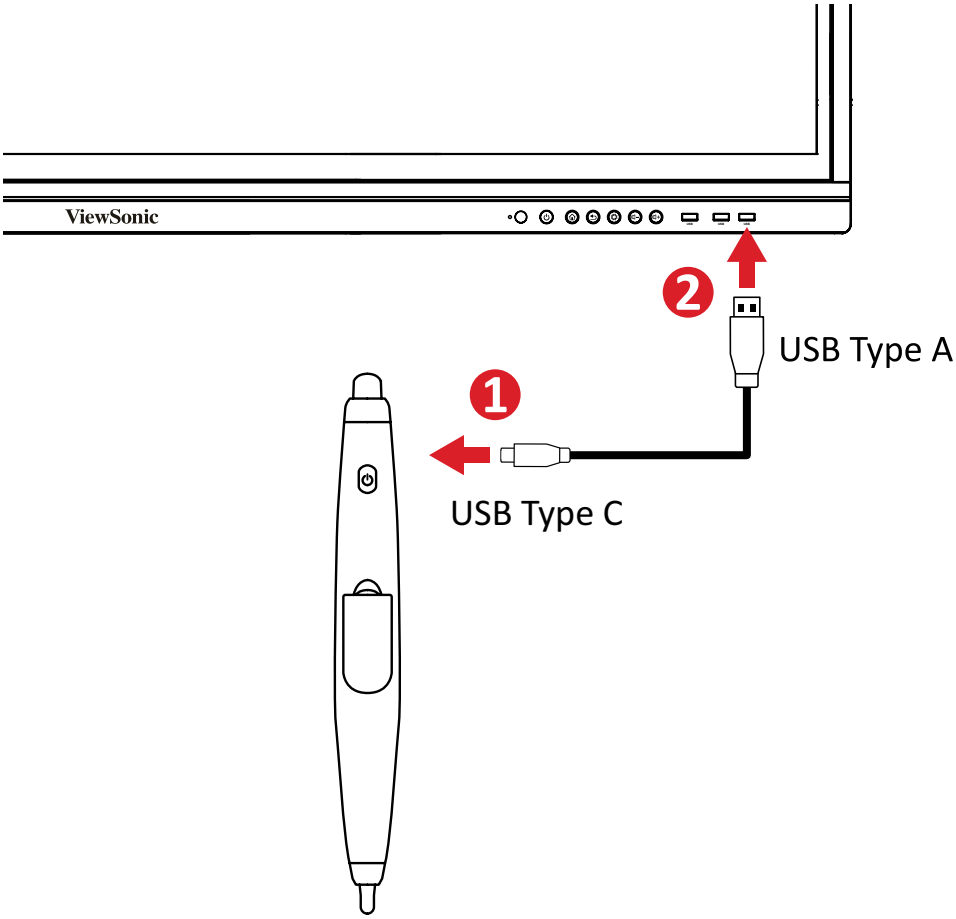
Product Overview



Initial Setup

Charging the VB-PEN-007

NOTE: Fully charge the VB-PEN-007 before its first use.

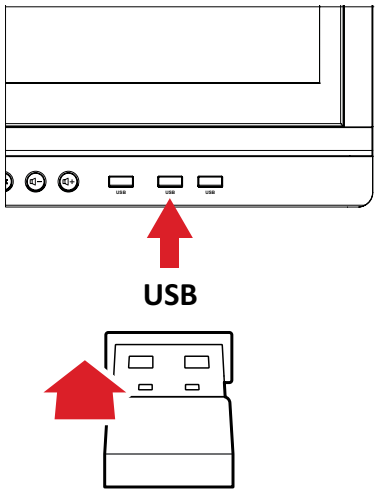


1. Connect the USB Type C end of the included USB cable to the **Charging Port** of the VB-PEN-007.
2. Then connect the other end, the USB Type A, of the cable to a USB Type A port of a display or other power delivering device.
3. When charging, the **LED Indicator** will emit a constant red light. When fully charged, the VB-PEN-007 can provide four (4) hours of use.

   NOTE: A short, 10 minute charge can provide one (1) hour of use.

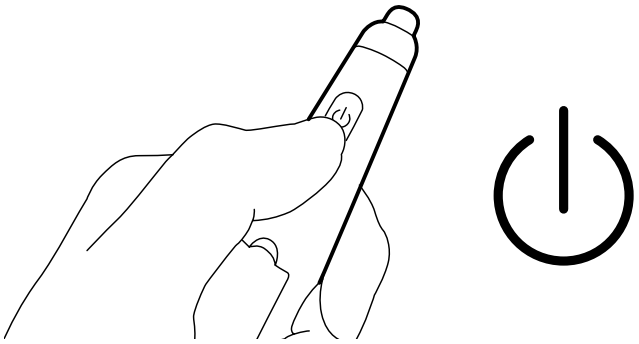
Powering ON and Pairing the VB-PEN-007

1. Plug the USB Receiver into a USB Type A port of a display device.



2. Press and hold the VB-PEN-007's **Power Button** for three (3) seconds to begin pairing.

NOTE: When in pairing mode, the **LED Indicator** will emit a blue flashing light.

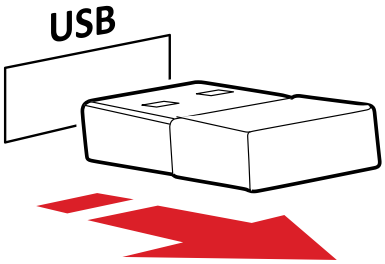


3. After successfully Powering ON and pairing the VB-PEN-007, the **LED Indicator** will emit a constant blue light.

Re-Pairing the VB-PEN-007

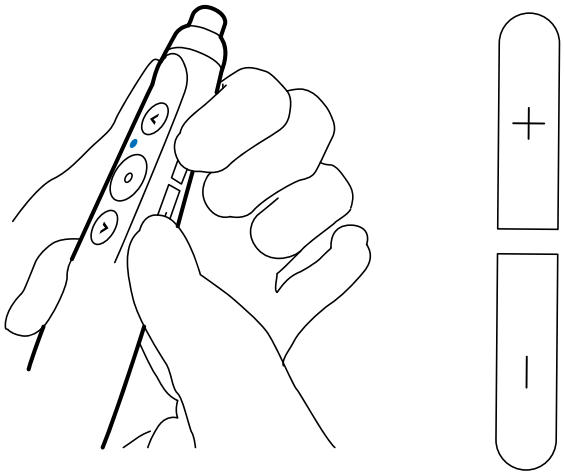
If the VB-PEN-007 needs to be re-paired, please follow the steps below:

1. Remove the USB Receiver from the display device.

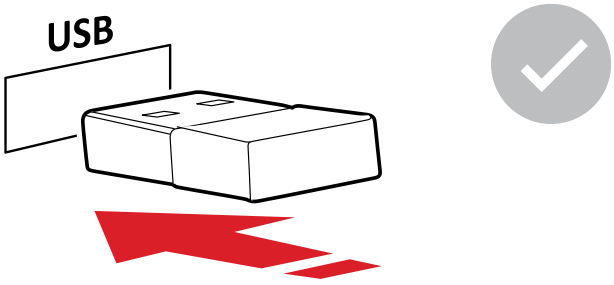


2. Press and hold both the **Volume Up** and **Volume Down** buttons on the VB-PEN-007 for three (3) seconds to enter pairing mode.

NOTE: When in pairing mode, the **LED Indicator** will emit a blue flashing light.



3. Plug the USB Receiver into a USB Type A port of the display device.



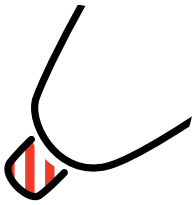
4. When paired successfully, the **LED Indicator** will emit a constant blue light.

Using the VB-PEN-007

Pen Nibs

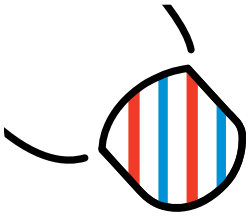
The VB-PEN-007 is equipped with two (2) pen nibs.

Fine Nib



Pen nib for infrared (IR) screens.

Thick Nib

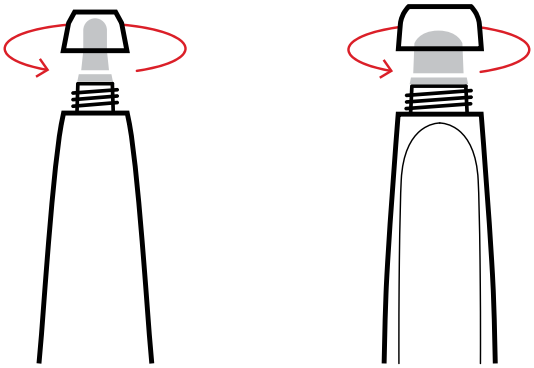


Conductive pen nib for infrared (IR) and capacitive screens.

NOTE: After 20 minutes of non-use, the pen will shut down and enter sleep mode. Please press the **Power Button** for three (3) seconds to re-enable it.

Replacing Pen Nibs

When the pen nib develops a sharp or rough edge, it can be replaced with replacement nibs. To replace a nib:

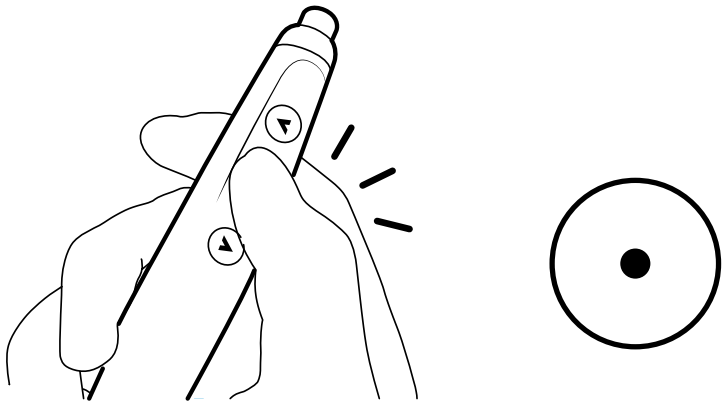


1. Rotate the pen nib holder counterclockwise and remove the old pen nib.

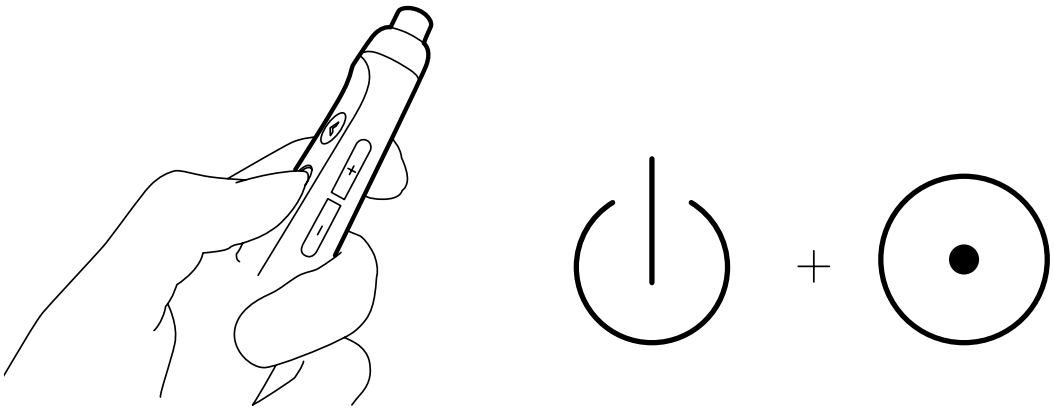
2. Insert the new pen nib and turn the pen nib holder clockwise to secure it.

Using the Presentation Function

You can press and hold the **Air Mouse** button to use the VB-PEN-007 as an on-screen cursor, use the < and > buttons as a previous page and next page switch, and the side **Volume Up** and **Down** buttons to control the volume level.



Pressing the **Air Mouse** button and **Power Button** at the same time will function as a left mouse click button.



Appendix

Presenter Pen Specifications

Item	Specifications
Model No.	VS19566
P/N	VB-PEN-007
Wireless Connection Type	RF 2.4 GHz, 802.11b
Wireless Connection Distance	30 m (98.43 ft)
Indicator Type	Air Mouse
Battery Type	Li-ion Polymer Battery, ALP500950, 170mAh
Battery Life	50 days (Rechargeable)
Input Power Rating	5V/210mA, 1.05W
Antenna Type	Chip Antenna
Automatic Sleep Mode	20 minutes of inactivity
Operating Temperature	40° C (104° F)
Operating System Compatibility	Windows/Android/MacOS/Linux
Dimensions	153.5 x 18.7 x 18.3 mm (6.04 x 0.74 x 0.72 in)
Weight	21 g (0.46 lb)

USB Receiver Specifications

Item	Specifications
Model No.	VS19567
P/N	VB-PEN-007-2
Wireless Connection Type	RF 2.4 GHz, 802.11b
Wireless Connection Distance	30 m (98.43 ft)
Supported USB	USB 1.1 compatible with USB 2.0 and 3.0
Input Power Rating	5V/16mA, 0.08W
Antenna Type	PIFA
Dimensions	21.1 x 12.1 x 4.7 mm (0.83 x 0.48 x 0.19 in)
Weight	1.5 g (0.003 lb)

LED Indicator Status

Indicator Light	Description
Blue (Steady)	Powered ON and paired
Blue (Flashing Quickly)	Pairing in progress
Blue (Flashing Slowly)	Low battery
Red (Steady)	Charging

Regulatory and Service Information

Compliance Information

This section addresses all connected requirements and statements regarding regulations. Confirmed corresponding applications shall refer to nameplate labels and relevant markings on the unit.

FCC Compliance Statement

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Industry Canada Statement

CAN ICES-003(B) / NMB-003(B)

Presenter Pen: VS19566(VB-PEN-007)
FCC ID: GSS-VS19566
IC ID: 4280A-VS19566

USB Receiver: VS19567(VB-PEN-007-2)
FCC ID: GSS-VS19567
IC ID: 4280A-VS19567

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body.

Validity of using the module certification:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID of the module cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

Custom design antennas may be used, however the OEM installer must following the FCC 15.21 requirements and verify if new FCC approval will be necessary.

IC Warning Statement

This device complies with Industry Canada license- exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, méme si le brouillage est susceptible d'en compromettre le fonctionnement.

CE Conformity for European Countries

The device complies with the EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU and Radio Equipment Directive 2014/53/EU.

https://www.viewsonicglobal.com/public/products_download/safety_compliance/acc/VS19566_CE_DoC.pdf

https://www.viewsonicglobal.com/public/products_download/safety_compliance/acc/VS19567_CE_DoC.pdf

The following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE). The mark indicates the requirement NOT to dispose of the equipment as unsorted municipal waste, but use the return and collection systems according to local law.

Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium ($Cr6^{+}$)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%
Bis(2-ethylhexyl) phthalate (DEHP)	0.1%	< 0.1%
Butyl benzyl phthalate (BBP)	0.1%	< 0.1%
Dibutyl phthalate (DBP)	0.1%	< 0.1%
Diisobutyl phthalate (DIBP)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex III of the RoHS2 Directives as noted below:

- Copper alloy containing up to 4% lead by weight.
- Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
- Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Indian Restriction of Hazardous Substances

Restriction on Hazardous Substances statement (India). This product complies with the “India E-waste Rule 2011” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Product Disposal at End of Product Life

ViewSonic® respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing. Please visit the ViewSonic® website to learn more.

USA & Canada:

https://www.viewsonic.com/us/go-green-with-viewsonic

Europe:

https://www.viewsonic.com/eu/go-green-with-viewsonic

Taiwan:

https://recycle.epa.gov.tw/

Copyright Information

Copyright© ViewSonic® Corporation, 2023. All rights reserved.

Macintosh and Power Macintosh are registered trademarks of Apple Inc.

Microsoft, Windows, and the Windows logo are registered trademarks of Microsoft Corporation in the United States and other countries.

ViewSonic® and the three birds logo are registered trademarks of ViewSonic® Corporation.

VESA is a registered trademark of the Video Electronics Standards Association. DPMS, DisplayPort, and DDC are trademarks of VESA.

ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency (EPA).

As an ENERGY STAR® partner, ViewSonic® Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Disclaimer: ViewSonic® Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic® Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic® Corporation.

VB-PEN-007_UG_ENG_1a_20231012

Customer Service

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product's serial number.

Country/ Region	Website	Country/ Region	Website
Asia Pacific & Africa			
Australia	www.viewsonic.com/au/	Bangladesh	www.viewsonic.com/bd/
中国 (China)	www.viewsonic.com.cn	香港 (繁體中文)	www.viewsonic.com/hk/
Hong Kong (English)	www.viewsonic.com/hk-en/	India	www.viewsonic.com/in/
Indonesia	www.viewsonic.com/id/	Israel	www.viewsonic.com/il/
日本 (Japan)	www.viewsonic.com/jp/	Korea	www.viewsonic.com/kr/
Malaysia	www.viewsonic.com/my/	Middle East	www.viewsonic.com/me/
Myanmar	www.viewsonic.com/mm/	Nepal	www.viewsonic.com/np/
New Zealand	www.viewsonic.com/nz/	Pakistan	www.viewsonic.com/pk/
Philippines	www.viewsonic.com/ph/	Singapore	www.viewsonic.com/sg/
臺灣 (Taiwan)	www.viewsonic.com/tw/	ประเทศไทย	www.viewsonic.com/th/
Việt Nam	www.viewsonic.com/vn/	South Africa & Mauritius	www.viewsonic.com/za/
Americas			
United States	www.viewsonic.com/us	Canada	www.viewsonic.com/us
Latin America	www.viewsonic.com/la		
Europe			
Europe	www.viewsonic.com/eu/	France	www.viewsonic.com/fr/
Deutschland	www.viewsonic.com/de/	Қазақстан	www.viewsonic.com/kz/
Россия	www.viewsonic.com/ru/	España	www.viewsonic.com/es/
Türkiye	www.viewsonic.com/tr/	Україна	www.viewsonic.com/ua/
United Kingdom	www.viewsonic.com/uk/		

ViewSonic®