

EN

VIC FIRTH WIRELESS STEREO ISOLATION HEADPHONES

MODEL: VXHP0022



See information supplied by the manufacturer

THIS PRODUCT COMPLIES WITH REGULATION (EU) 2016/425 AND THE ESSENTIAL REQUIREMENTS OF THE STANDARDS EN 352-1:2020, EN 352-6:2020+A1:2024, AND EN 352-8:2020+A1:2024.

Loud noise in the workplace can be very damaging to hearing and it usually happens gradually, so that employees are not aware of the dangers until they have already developed permanent hearing loss. As well as gradual hearing loss, there is also hearing loss that results from sudden and extremely loud noises. These ear protectors help reduce exposure to hazardous noise and other loud sounds.

These ear protectors are designed to protect the wearer against harmful noises and must be worn at all times in noisy environments (noise levels above 80dB) and must be chosen according to their attenuation factors in relation to the ambient noise to be reduced (see performances table below). Ensure the earmuff are correctly fitted, adjusted, maintained and inspected in accordance with these instructions. The earmuffs are regularly inspected for serviceability.

These hearing protector provide safety-related audio input.

The Vic Firth logo, featuring the words "VIC" and "FIRTH" in a bold, black, sans-serif font. Above the letter "I" in "FIRTH" is a small red dot.EN

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WARNING! If these instructions are not adhered to, the protection afforded by the earmuffs will be severely impaired. Be warned that spectacle frames and hair between the ear pads and the head can also affect the performance of the ear defenders.

The fitting of hygiene covers to the cushions may affect the acoustic performance of the earmuffs. These ear defenders can cause allergic reactions in sensitive subjects, and if such a situation occurs, leave the noisy environment and remove the ear defenders.

WARNING! This earmuff must only can be used for children over 5 years under partner's supervision.

This earmuff is suitable for children with a head height up to 130mm only. The time a child stays in a noise area should be minimised.

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EN**VIC FIRTH WIRELESS STEREO ISOLATION HEADPHONES****MODEL: VXHP0022****Warning -Battery Safety Guidelines**

- This device contains a built-in rechargeable lithium battery that cannot be replaced by the user. To ensure continued performance and safety, do not dismantle or replace the battery yourself. For product support, please contact Zildjian Customer Care at zcustomer-care@zildjian.com.
 - replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
 - disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
 - leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
 - a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- Failure to adhere to these guidelines may result in damage to the device, personal injury, or fire hazard. Operate and store the device in accordance with recommended usage and disposal guidelines.
- Always dispose of the device properly according to local regulations.

VIC FIRTH®**EN****VIC FIRTH WIRELESS STEREO ISOLATION HEADPHONES****MODEL: VXHP0022****OPERATING AND STORAGE CONDITIONS****Operating temperature:** –25°C to 35°C**Storage temperature:** –20°C to 60°C**Operating altitude:** 0 to 3,000 m**Storage altitude:** 0 to 12,000 m

This product is intended for use in normal daily environments. Avoid prolonged use under extreme temperature or high-altitude conditions, as this may affect battery performance and product service life.

VIC FIRTH®

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Warning and Cautions

- Do NOT use the headphones at a high volume for any extended period.
 - To avoid hearing damage, use your headphones at a comfortable, moderate volume level.
 - Turn the volume down on your device before placing the headphones on your ears. then turn the volume up gradually until you reach a comfortable listening level.
- Do NOT use your headphones while driving for phone calls or any other purpose.
- Do NOT use the headphones with noise canceling on at any time the inability to hear surrounding sounds may present a danger to yourself or others, e.g., while riding a bicycle or walking in or near traffic, a construction site or railroad, etc., and follow applicable laws regarding headphone use.
 - Remove the headphones, or use the headphones with noise canceling off and adjust your volume, to ensure you can hear surrounding sounds, including alarms and warning signals.
 - Be aware of how sounds that you rely on as reminders or warnings may vary in character when using the headphones.
- Do NOT use the headphones if they emit any loud unusual noise. If this happens, turn the headphones off and contact Zildjian customer service.
- Refer all servicing to Zildjian Customer Care at zcustomercare@zildjian.com. Servicing is required when the headphones have been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen onto the headphones, the headphones have been exposed to rain or moisture, do not operate normally or have been dropped.

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- Remove headphones immediately if you experience a warming sensation or loss of audio.
- Do NOT use mobile phone adapters to connect headphones to airplane seat jacks, as this could result in personal injury or property damage due to overheating.
- Do NOT use the headphones as aviation communication headsets.
- Contains small parts which may be a choking hazard. Not suitable for children under age 3.
- This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
- To reduce the risk of fire or electrical shock, do NOT expose this product to rain, liquids or moisture.
- Do NOT expose this product to dripping or splashing, and do not place objects filled with liquids, such as vases, near the product.
- Do NOT make unauthorized alterations to this product.
- Use this product only with an approved power supply that meets local regulatory requirements (e.g., UL, CSA, CDE, CCC).
- If the battery leaks, do not allow the liquid to come in contact with the skin or eyes. If contact is made, seek medical advice.
- Do not expose products containing batteries to excessive heat (e.g. from storage in direct sunlight, fire or the like).
- Do NOT wear the headphones while charging.

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FITTING INSTRUCTIONS

- With earmuff headband positioned directly over the head, pull the cups outward and position over your ears so that they fully enclose the ear and seal tightly against the head. Ensure the cup orientation is correct.
- Adjust the headband to reduce the space between head and band.
- For best result, remove all hair and other objects from under the cushions. The entire cushion surface should press firmly, but comfortably, against your head.
- Check proper fit before entering noisy environment.
- After use, fold the earmuffs back to their original state and store them properly.



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SPECIFICATIONS	
Weight	340g
Noise Reduction Rating	25dB
Speaker Type	50mm Dynamic Speaker Mylarcon
Impedance	32ohm +/-15%
Microphone	Condenser Microphone
Sound Pressure Level	102dB +/- 3dB (1mW at 1KHz)
Normal Rated Power	30mw
Max Power	30mw
Frequency Response	20Hz-20 KHz
Bluetooth Version	5.3
Latency Value	220ms
Battery	500mAh,1.85Wh
Battery Life	45 hours
Input	5V DC 1A

CONTENTS: 1 pair of headphones, 150cm detachable 3.5mm line-in cable, 40cm USB charging cable, 6.3mm headphone jack adapter, 1 instruction insert.



EN**VIC FIRTH WIRELESS STEREO ISOLATION HEADPHONES****MODEL: VXHP0022****USER GUIDE**

Please read and keep this entire User Guide.

OPERATING INSTRUCTIONS**POWER ON:**

Press and hold the on/off button for 3 seconds until the blue LED flashes and you hear “Power On.”

POWER OFF:

Press and hold the on/off button for 3 seconds until the Red LED flashes and you hear “Power Off.” Headphones will automatically power off if there is no music input for 3 minutes.

LOW BATTERY:

Recharge the headset when you hear “Low Battery” every 2 minutes, or the red light flashes every 5 seconds.

FIRST TIME PAIRING:

The Bluetooth® headset will enter pairing mode automatically after the power is switched on. The red & blue LED lights will flash alternatively. Turn on the Bluetooth® function on your music device and pair with the headset. Pairing is successful when you hear “Connected” and the blue LED light flashes every 5 seconds.

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For devices that have already been paired, the headset will automatically reconnect when the power is turned on, or you can select “Vic Firth Headphones” on the device to re-connect.

WIRED USAGE:

A 3.5mm line-in cable is provided to enable optional use as wired headphones. Simply plug the line-in cable into the line-in jack on the left earcup and plug into your desired device.

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BUTTON GUIDE

**ANSWER PHONE CALL:**

Press On/Off button once

END PHONE CALL:

Press On/Off button once

VOLUME UP: Press once**PREVIOUS TRACK:**

Press and hold for 2 seconds

VOLUME DOWN: Press once**NEXT TRACK:**

Press and hold for 2 seconds

LED INDICATOR

LOW BATTERY:

Red light flashes every 5 seconds

CHARGING:

Red light on (connect USB cord to USB socket)

BATTERY FULL:

Red light off

HEADPHONES IN OPERATION:

Blue light flashes every 5 seconds

CONTACT USFor questions, contact us at zcustomercare@zildjian.com or visit our website at www.vicfirth.com.

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STORAGE & MAINTENANCE INSTRUCTIONS

Transport the ear protectors with original packaging. Put the ear defenders away after use in a cool, dry place, out of the light and protected from frost. When not used, store in the original packaging. This product may be adversely affected by certain chemical substances. Refer to the manufacturer for further information.

Clean and disinfect cups, cushion and headband with warm soapy water and dry with soft cloth. Never use solvents, abrasive or noxious products.

Earmuffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage, for example.

If any damage is found, throw the ear defenders away. Recommended shelf life is 5 years from the manufacturing date which is marked on the packaging such as MM/YYYY (Month/Year).



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LIMITATION

The single noise rating (SNR) quoted is based upon the attenuation of continuous noise and these ear protectors may not be suitable to be used as following:

- Use in intermittent or impulsive noise environment, where high level of sound attenuation is needed.
- Use in environment that require additional attenuation especially in low frequencies dominated, high noise environment.

PERFORMANCE - ACOUSTIC ATTENUATION (dB)

(See tables enclosed)

OTH = Fitted over the head

SNR = Single Number Rating

A = Frequency (Hz)

B = Mean Attenuation

C = Standard Deviation

D = Assumed Protection

H = High frequencies attenuation value

M = Medium frequencies attenuation value

L = Low frequencies attenuation value



VIC FIRTH WIRELESS STEREO ISOLATION HEADPHONES
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PERFORMANCES - SOUND ATTENUATION - EN352-1:2020

MEANS (dB)	18.8	21.8	25.4	32.3	33.3	34.7	39.4	35.8
STD. DEV. (dB)	5.4	3.7	3.0	2.5	3.2	3.8	3.2	4.5
MEAN-SD (dB)	13.3	18.1	22.4	29.8	30.1	30.9	36.2	31.2
SNR_m = 34.2 dB								
SNR_s = 2.6 dB								
SNR (dB) = 32 dB								
H84 (dB) = 32 dB	H_m = 35.5 dB			H_s = 3.3 dB				
M84 (dB) = 30 dB	M_m = 32.4 dB			M_s = 2.5 dB				
L84 (dB) = 25 dB	L_m = 27.5 dB			L_s = 2.7 dB				



PERFORMANCES - EN352-6:2020+A1:2024

Table 1. Criterion voltage exceeding 82 dBA threshold and allowable exposure duration at maximum level tested according to EN352-6:2020+A1:2024

Criterion level at 82 dBA (dBV)	Allowable exposure duration at max level tested (hours)
-15.4 (169 mV)	0.7

Table 2. Input levels exceeding 82 dBA inside headset

Criterion voltage (dBV)		
Subject	Left	Right
1	-15.7	-14.9
2	-14.6	-14.9
3	-15.2	-14.1
4	-15.2	-15.1
5	-14.4	-13.8
6	-15.8	-12.8
7	-14.6	-14.0
8	-14.9	-12.5
n	16	
Mean	-14.6	
SD	0.9	
Mean-SD	-15.4	
mV	168.9	

PERFORMANCES - EN352-6:2020+A1:2024

Table 3. Allowable exposure duration using 82 dBA criterion level and 3 dB exchange rate

Signal		Level in muff (dBA)			
dBV	mV	Mean	SD	Mean + SD	Allowable exposure time (h)
-30	31.6	66.5	0.9	67.4	>8
-25	56.2	71.5	0.9	72.4	>8
-20	100.0	76.5	0.9	77.4	>8

Table 4. Individual DFE measurements in 5 dBV increments

		DEF (dBA)					
Subject	Side	-30	-25	-20	-15	-10	-5
1	L	67.6	72.6	77.7	82.7	87.7	92.7
	R	66.7	71.7	76.8	81.9	87.1	92.2
2	L	66.6	71.6	76.6	81.6	86.7	92.2
	R	66.8	71.8	76.9	81.9	87.0	92.1
3	L	67.2	72.2	77.2	82.2	87.2	92.3
	R	66.1	71.0	76.0	81.1	86.1	91.2
4	L	67.1	72.1	77.1	82.2	87.2	92.2
	R	67.0	72.1	77.1	82.1	87.1	92.1
5	L	66.3	71.4	76.4	81.4	86.4	91.6
	R	66.1	70.8	75.9	80.8	85.8	91.1
6	L	67.7	72.7	77.7	82.8	87.8	92.8
	R	64.8	69.8	74.8	79.8	84.9	90.0
7	L	66.4	71.5	76.6	81.6	86.6	91.6
	R	65.9	70.9	75.9	81.0	86.0	91.0
8	L	66.8	71.9	76.9	81.9	87.0	92.0
	R	64.5	69.5	74.5	79.5	84.6	89.6

PERFORMANCES - EN352-8:2020+A1:2024

Table 1. Criterion voltage exceeding 82 dBA threshold and allowable exposure duration at maximum level tested according to EN352-8:2020+A1:2024

Criterion level at 82 dBA (dBV)	Allowable exposure duration at max level tested (hours)
-12.6 (234.2 mV)	1.4

Table 2. Input levels exceeding 82 dBA inside headset

Criterion voltage (dBV)		
Subject	Left	Right
1	-12.9	-11.7
2	-12.0	-12.1
3	-12.6	-12.3
4	-12.3	-12.1
5	-12.9	-10.7
6	-12.0	-11.4
7	-10.6	-10.4
8	-12.1	-10.7
n	16	
Mean	-11.8	
SD	0.8	
Mean-SD	-12.6	
mV	234.2	

PERFORMANCES - EN352-8:2020+A1:2024**Table 3. Allowable exposure duration using 82 dBA criterion level and 3 dB exchange rate**

Signal		Level in muff (dBA)			
dBV	mV	Mean	SD	Mean + SD	Allowable exposure time (h)
-30	31.6	63.8	0.9	64.6	>8
-25	56.2	68.7	0.9	69.6	>8
-20	100.0	73.8	0.9	74.6	>8
-15	177.8	78.8	0.8	79.6	>8

Table 4. Individual DFE measurements in 5 dBV increments

		DEF (dBA)					
Subject	Side	-30	-25	-20	-15	-10	-5
1	L	65.0	70.0	74.9	79.9	84.9	89.9
	R	63.6	68.6	73.7	78.7	83.7	88.7
2	L	63.9	68.9	74.0	79.0	84.0	89.0
	R	64.0	69.0	74.0	79.1	84.1	89.2
3	L	64.6	69.5	74.6	79.6	84.6	89.6
	R	64.1	69.1	74.2	79.2	84.3	89.5
4	L	64.2	69.2	74.2	79.2	84.3	89.3
	R	64.1	69.2	74.1	79.1	84.1	89.1
5	L	65.0	69.9	74.9	79.9	84.9	89.9
	R	63.5	68.1	73.5	77.8	82.7	87.8
6	L	63.9	68.9	74.0	79.0	84.0	89.0
	R	63.3	68.3	73.4	78.4	83.4	88.4
7	L	62.4	67.5	72.5	77.5	82.6	88.3
	R	62.0	67.0	71.9	76.9	82.4	87.7
8	L	64.1	69.1	74.1	79.1	84.1	89.2
	R	62.5	67.5	72.5	78.5	82.6	87.6



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MARKING

The following information's are quoted on the earmuff's marking.

Marking	Meaning of marking
CE 2834	CE Marking and Notified Body number
VXHP0022	Model reference
EN 352	European standard number
YYYY/MM	Year and Month of manufacture

Manufactured by Avedis Zildjian Co. under the Vic Firth brand.

Notified Body

CCQS Certification Services Limited (NB2834) Block 1 Blanchardstown Corporate Park, Ballycoolin Road,
Blanchardstown, Dublin 15, D15 AKK1, Ireland



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Product information

Model: VXHP0022
Size range: S/M/L, adjustable
Material:
Shell- ABS 707K
Button- ABS 707K
50mm Dynamic Speaker Mylarcon
Earpad bracket-PVC 120°
Headband-POM90
Headband cable: TPE
Telescopic frame-POM44
MetalTelescopic frame-304 stainless steel
Earmuffs- Guanzhong leather thermoforming + 30k density sponge embossing + plastic part embossing
Headband sheath- Waterproof FU leather + embossing process + 30kg sponge + adhesive film
Mass: 340g



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NOTE: 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the 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 complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment can be used in portable exposure conditions.



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This symbol on the product means that used electrical and electronic equipment should not be mixed with general household waste. The correct disposal will help prevent potential negative effects on human health and the environment. For proper treatment, recovery and recycling, please contact your city office, waste disposal servicer or the shop where you purchased the product.

Avedis Zildjian Co. hereby declares that this product is in compliance with all applicable EU directive requirements. The complete declaration of conformity can be found at: www.zildjian.com/compliance

ISED Statement: CAN ICES-3(B)/NMB-3(B)



EN**VIC FIRTH WIRELESS STEREO ISOLATION HEADPHONES****MODEL: VXHP0022****ISED Statement****Déclaration d'ISDE**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

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This equipment complies with ISED exposure limits set forth for an uncontrolled environment. This equipment can be used in portable exposure conditions.

Déclaration d'ISDE sur l'exposition aux radiofréquences :

Cet équipement est conforme aux limites d'exposition d'ISDE établies pour un environnement non contrôlé. Cet équipement peut être utilisé dans des conditions d'exposition portables.

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