J&Y SAFETY ELECTRIC EARMUFF WITH BLUETOOTH (EM-9001XB1-E)

Technical data

Bluetooth version:	Bluetooth 4.0
Support agreement:	HSP1.2, HFP1.6, A2DP1.2, AVRCP1.4
Transmission distance:	≥ 10m
Call life:	≥ 8 hours
Charging time:	3.5 hours
Pair name:	J&Y01
Storage temperature:	-10-55°C
Storage humidity:	<30%
Operating temperature:	0-40°C
Working humidity:	<80%

Materials used: PC, POM, PE, ABS,PP, PVC, PU silicone, SiO_2, $LiCoO_2$, Cu, Al

Product weight: 370 g/pair (+/-5 g)

This product comply with PPE regulation (EU)) 2016/425.

Parts

1. Adjustable telescopic support
2. Foam for Anti-dust
3. A Play button/answer phone
4. Volume +
5. On/Off switch
6. Volume -
7. Volume control, Not work on this model, ignore it.
8. Bluetooth indicator
9. Aux input
10. Talking microphone
11. Charging indicator
12. USB charging interface

Frequency (Hz)F	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	14.4	16.1	22.4	30.9	31.1	34.9	35.5
Standard deviation (dB)S	2.7	2.8	2.9	3.0	2.8	3.5	3.4
Assumed Protection (dB)	11.7	13.3	19.4	27.9	28.4	31.4	32.1

SNR= 26dB	**H= 30 dB**	**M= 23 dB**	**L= 17 dB**
SNR_m = 27.9dB	H_m = 32.3dB	M_m = 25.4dB	L_m = 19.1dB
SNR_s = 2.4dB	H_s = 2.1dB	M_s = 2.5dB	L_s = 2.5dB

Tested according to AS/NZS 1270:2002

Frequency(HZ)	125	250	500	1000	2000	4000	8000	SLC(80)
Mean attenuation(dB)	10.7	12.8	21.0	28.1	25.0	29.5	27.3	22dB Class 4
Standard deviation(dB)	4.3	3.8	3.3	3.0	3.0	5.1	4.9	
Mean-Minus-Std Deviation(dB)	6.4	9.0	17.7	25.1	22.0	24.4	22.4	

EN 352-6:2020
Electrical input for which the mean + 1.4 standard deviation of A-=-9.3dBV, 342.8mV weighted diffuse-field related sound pressure level is equal 82 dB

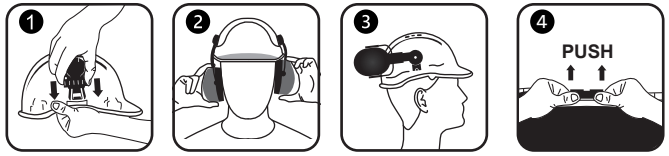
Signal		Level(dBA)		Allowable exposure time
dBV	mV	Mean	SD	(H)
-32	25.1	55.44	1.4	>8
-27	44.7	60.33	1.4	>8
-22	79.4	58.54	1.4	>8
-17	141.3	69.44	1.4	5.0
-12	251.2	75.13	1.4	2.8
-7	446.7	80.95	1.4	1.6

EN352-8:2020
Diffuse Field Equvalent Level at Ear Mean = 80.6 Mean + Standard Deviation = 81.7

Read this instruction thoroughly before using the product. These products are classed as Personal Protective Equipment (PPE by the Regulation (EU) 2016/425) and have been shown to comply with the Regulation through the Harmonized European standard EN352-3:2020 & EN352-6:2020, EN352-8:2020). The notified body is responsible for EU type examination and ongoing conformity (SATRA Technology Europe Ltd.) Test results for EN352-3, EN352-6, EN352-8.

Helmet-mounted earmuff adaptor is made of POM, PA66+G25 and Steel, Cushion: PU with foam Inside and have a weight on 370 grams. Earmuffs complying with EN352-3 are of Medium size range ear-muffs will fit the majority of wearers. Small size range and Large size range ear-muffs are designed to fit wearers for who medium size range earmuffs are not suitable. The earmuff provides audio signal sound pressure level limitation and the earmuff limits the entertainment audio signal to 82 dB(A) effective to the ear. The audibility of warning signals at a specific workplace may be impaired while using the entertainment facility.The earmuff is provided with safety-related audio input. The user should be check correct operation before use, if distortion or failure is detected, the user should refer to the manufacturer's advice for maintenance.

Warning!
The output of the electrical audio circuit of this hearing protector may exceed the daily limit sound level.



DESCRIPTION
(Function 1) J&Y01 Earmuffs with Bluetooth Technology lets you seamlessly stream entertain-ment from your
mobile phone and any other Bluetooth enabled device, integrated microphone lets you make and take phone calls without removing the ear protection.
(Function 2) This earmuffs is provided with AUX input.

INSTRUCTIONS FOR USE:
1. Push the earmuff adaptor firmly into the accessory slot on the side of hard hat.
2. Put the hard hat on and push the earmuffs inwards to engage their active position covering your ears.
3. Adjust the earmuff up and down for personalised fit.
4. When not wearing the carmuffs pull the earmuffs away from the cars, turn 90 degrees and place them in the rest position.
5. This model of ear-muff is tested and satisfies EN352-3:2020 in combination with the industrial safety helmet MSA V-gard safety cap. The ear-muffs should be fitted to, and used with,the industrial safety helmet MSA V-gard.

HOW TO OPERATE EM-9001XB1-E EARMUFF WITH FUNCTION 1
1. Bluetooth On/off
   Press and hold the "On/Off" switch for 3 seconds, the Bluetooth function is turned on.
   The indicator light is blue (on for 1 second); likewise, press and hold the "On/Off" switch for 3 seconds to turn off the Bluetooth function. The indicator light is red(on for 1 second).
2. Pair-able status and empty paired list. Press and hold the "On/Off" switch for 6 seconds while in the off state, or press and hold the "Play" button for 3 seconds to disconnect when connected. The the earmuffs is into pair-able state , and the Bluetooth indicator flashes blue every 10 seconds. When the earmuff is in pair-able state, it can be found and paired by other devices such as mobile phones. The device name of the earmuff is: "J&Y01". Successfully paired devices will be saved in the list. In the Bluetooth disconnected state, press and hold the "Volume-" and "Volume+" buttons for 5 seconds at the same time, which will clear the paired list.
3. Disconnected State and Connected State. When the earmuff is disconnected to Bluetooth (the indicator flashes red and blue rapidly), if there is a device in the pairing list, the headset will actively connect to the device when power on again. The indicator light flashes blue every 10 seconds after the headset is connected to the device or while it is working.
4. Call function and Control. When the earmuff is connected to Bluetooth, double-click the "Play" button to re-dial the last dialed number; When the earmuffs is in the outgoing call, click the "Play" button to cancel the external pullout; When the earmuff is ringing, click the "Play" button to answer the call, and press and hold the "Play" button to reject the call. When the earmuff is in a call, click the "Play" button to cancel the current call, double-click the "Play" button to switch between "Use the phone to talk" and "Talk with the headset", and click the "Volume +/-" button to increase/decrease the call volume.
5. Play Music and Control
   When the earmuff is connected, click the "Play" button to play music. During play status, click the "Play" button to pause ;
   When the headset is playing music, click the "Volume+"/ "Volume-"button to increase /decrease the volume, long press the "Volume+"/ "Volume-" button to play the next song/ to play the previous one.
6. Bluetooth Under-voltage Prompt Function and Automatic shut down. When the Bluetooth function is turned on, and the battery power is low, the indicator light flashes red every 10 seconds, and a "beep" sound is sounded every 2 minutes. After the battery is exhausted or the pairing time exceeds 5 minutes, the Bluetooth will automatically shut down.

HOW TO OPERATE EM-9001XB1-E EARMUFF WITH FUNCTION 2
Use the included 3.5mm audio cable to connect the headset to your playback device to enter LINE-IN operation. (Automatically detect that the cable is plugged in and starts working. When you are finished, you should unplug the cable to prevent the battery from running out.)
Note:
1, The headset can not adjust the volume of LINE-IN (except for the separate Bluetooth models);
2. When the LINE-IN interface has an audio cable inserted, the Bluetooth function cannot be turned on, and the already opened will also be automatical-ly turned off.

CHARGING Instructions:
Connect your USB charger to the earmuff, using the equipped USB charging cable. The charging indicator lights red to indicate that it is charging; The charging indicator lights green to indicate that charging is complete.
Note:
1. Please use 5V 1A charger for charging;
2, The battery should be fully filled before using the headphones which is not using for a long time.

Warning:
1. This product and accessories should be protected from children's contact to avoid injury;
2. There are batteries and flammable materials in this product. Do not get close to the fire source and put it in
   a high temperature environment to avoid explosion or fire;
3. Non-professionals, please do not open and repair!

Important

The earmuffs should be fitted, adjusted and maintained in accordance with the instruction.The earmuffs should be worn at all time in noisy surroundings.
The earmuffs should be regularly inspected for serviceability. The earmuffs maybe cleaned with mild soap and water. They must not be dipped into water.
Earmuffs and in particular cushions may deteriorate with use and should be examined at the frequent intervals for sings of wear, for example, cracking or sound leakage.

The fitting of hygiene covers to the cushions may affect the acoustic performance of the earmuffs.

Before and after use, store in a dry place. The temperature should not exceed 55°C. The product may be adversely affected by certain chemical substance. Further information you have to obtain from the manufacturer.The earmuff is provided with electronic restoration of surrounding sound. The wearer should check correct operation before use. If distortion or failure is detected, the wearer should refer to manufacturer's advise for maintain and replacement of the batteries.The microphone's wind protector, which eliminates white noise etc. should be kept clean.The earmuffs is provided with an electrical audio input jack. The wearer should check for correct operation before use. If distortion of failure is detected, the wearer should refer to manufacturer's advise.If above mentioned information are not followed, the protection and function afforded by the earmuff may be severely impaired.

Environmental information

Electrical and electronic equipment (WEEE) contains materials, components and substances that may be hazardous and harmful to human health and the environment if waste electrical and electronic equipment (WEEE) is not disposed of correctly. Products marked with a crossed-out wheeled bin are electrical and electronic equipment. The crossed-out wheeled bin indicates that waste electrical and electronic equipment must not be disposed of with unsorted household waste, but must be collected separately.

ELECTRIC EARMUFF WITH BLUETOOTH (EM-9001XB1-E)

FCC COMPLIANCE STATEMENT:
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.

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.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

Manufacturer:
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at the link below:
http://www.cn-safety.com

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