

User Manual: PIZZICS™ Music Canvas

PIZZICS Music Canvas

2.1 Integrated Audio Module

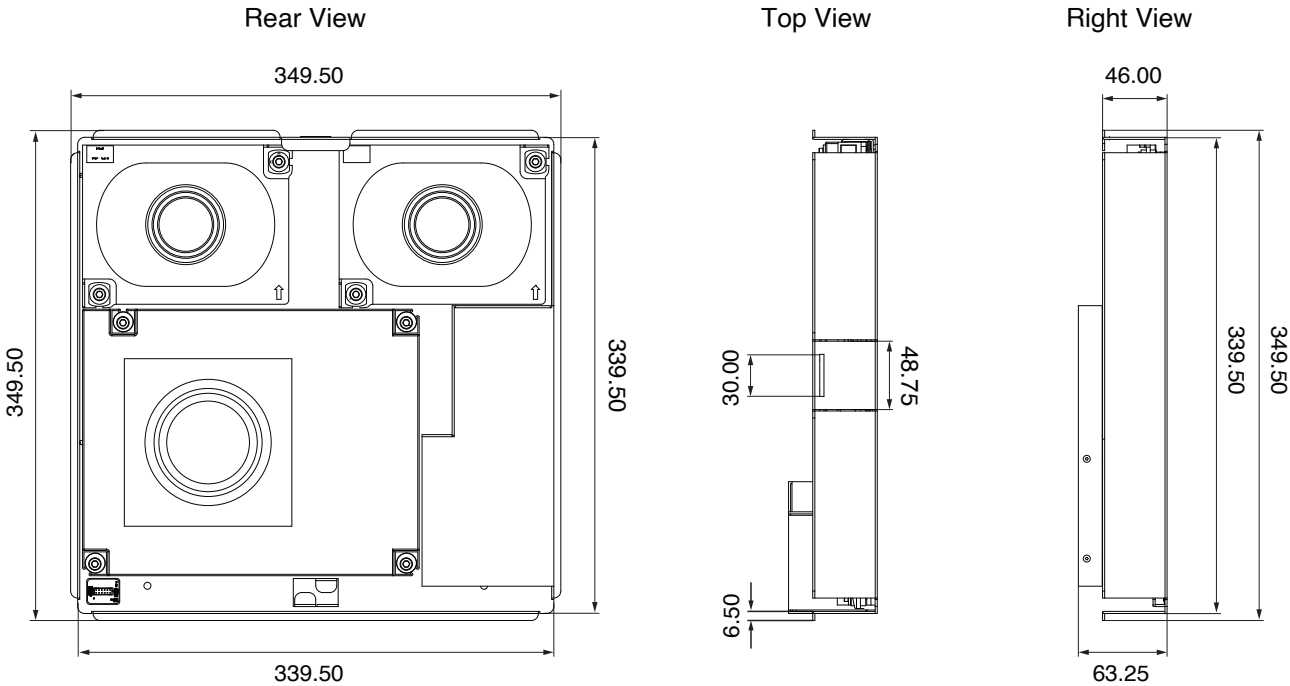
The PIZZICS Music Canvas is a 2.1 integrated speaker system designed to fit compatible IKEA SANNAHED, 35x35cm frame. It delivers high-quality stereo sound with enhanced bass while maintaining the clean, minimalist appearance of the frame. Its modular construction enables straightforward installation, offering a unique way to enjoy high-quality audio without the visual impact of conventional speakers, making it ideal for homes, offices, and commercial spaces.



Product Specifications

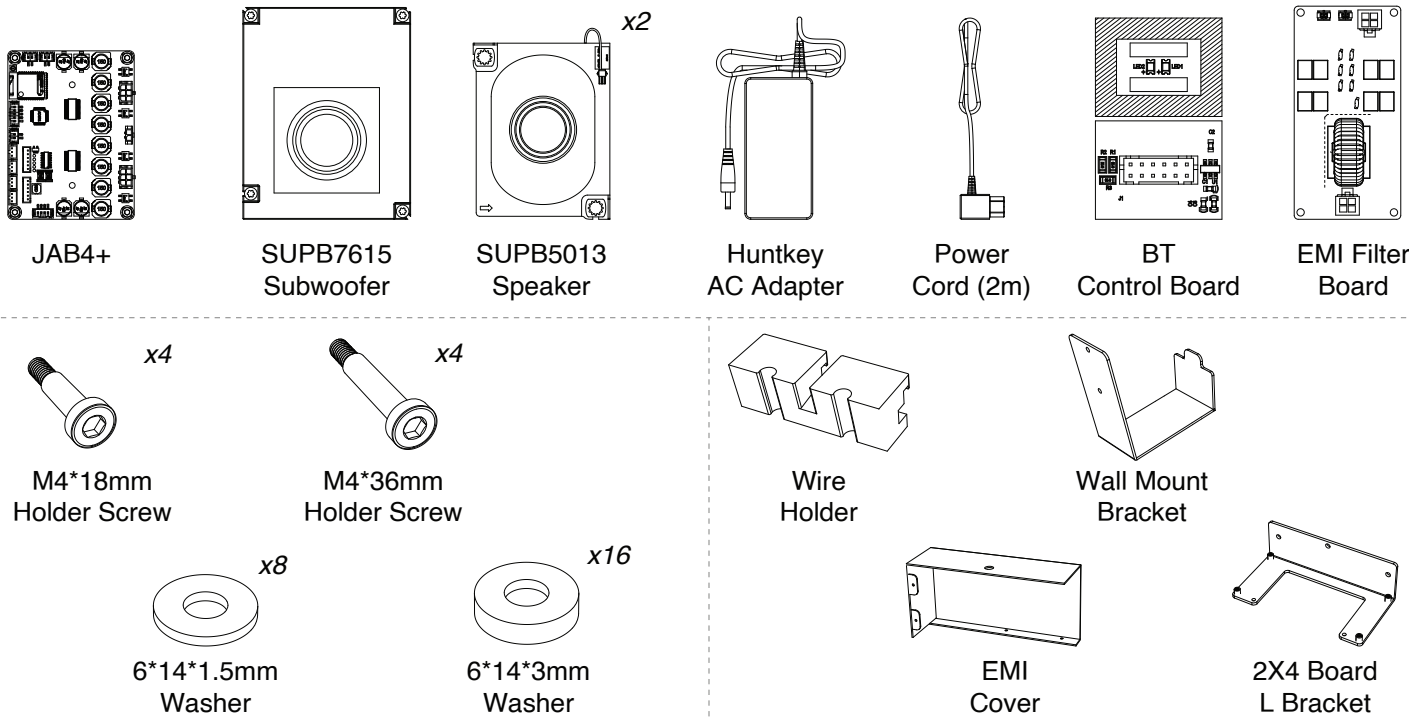
Amplifier Section			
Power Output	: 2 x 50W @ 4Ohm, 24V, (at THD+N 10%)	Normal Impedance	: 8Ω at 1kHz
Speaker Section		Min. Impedance	: 7.4Ω ± 0.2Ω at 20Hz
Resonance Frequency	: 150Hz	Max. Impedance	: 23.4Ω ± 0.3Ω at 160Hz
Rated Power Input	: 13W	Sensitivity	: 80dB
Max. Power Input	: 19.5W	Unit Weight	: 423.5g ± 2g
Normal Impedance	: 4.48Ω at 1kHz	General	
Min. Impedance	: 4.20Ω	Power Requirements	: 12-24V AC, 1A
Max. Impedance	: 17.90Ω		AC IN 12V power adapter
Sensitivity	: 80dB	Audio Input	: Bluetooth
Unit Weight	: 270g ± 2g	Dimensions	: 349.5 x 349.5 x 63.25 mm (13.76 × 13.76 × 2.49 in.)
Subwoofer Section		Weight	: Approx. 5.0 kg (11.0 lbs)
Resonance Frequency	: 150Hz	Optional Input Connection for password protection and access control	
Rated Power Input	: 13W		
Max. Power Input	: 19.5W		

Mechanical Drawing (Nominal Dimensions, mm)



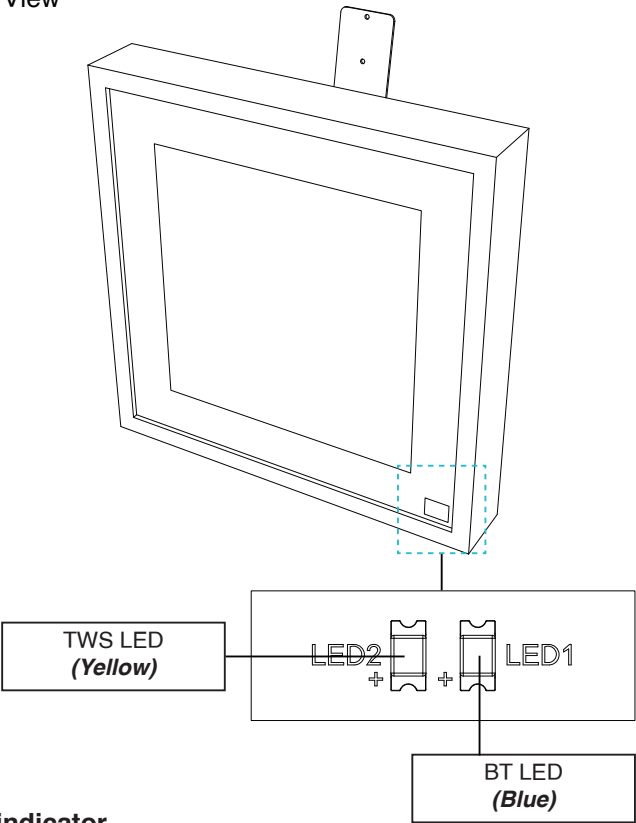
Checking the Components

Ensure all components are present as per the provided list in the manual.



Product Overview

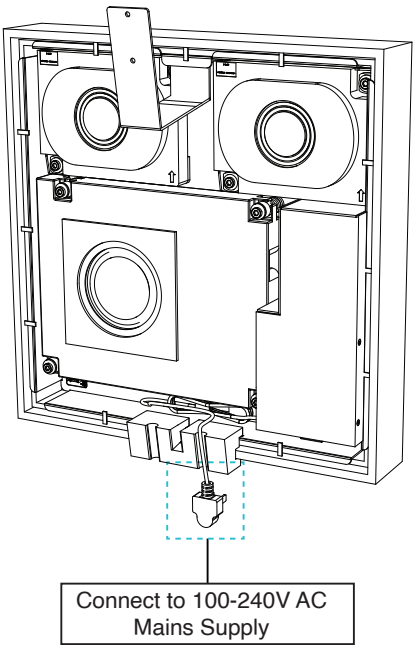
Front View



LED indicator

The LED Indicator flashes, blinks, or changes color depending on the PIZZICS Music Canvas's current mode or status. The color of the LED indicator and the number of lights indicate the active mode as described.

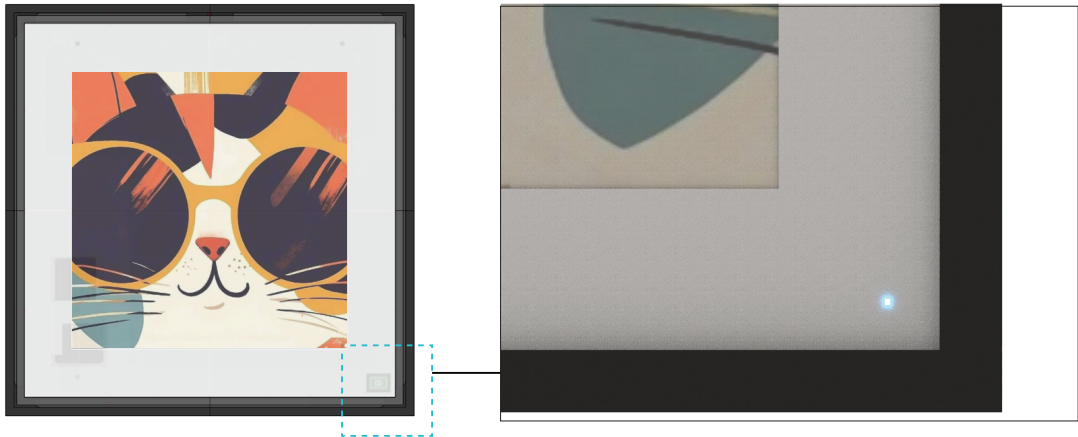
Rear View



DC19V

1. Make sure the power cable from the JAB4+ is connected to the AC adapter first.
2. Make sure the AC adapter, with the power cable connected, is connected to the power cord.
3. Connect the power cord to a wall outlet.
4. When disconnecting the power cable of the AC/DC power adapter from a wall outlet, pull the plug. Do not pull the cable.

Connecting via Bluetooth



Status	LED Indicator	Description
Power ON	Blinking	Device is powered on successfully and entering Bluetooth pairing mode. The system is active and searching for available Bluetooth devices.
Bluetooth Pairing Mode	Blinking	Unit is discoverable. Search for “PMC (PIZZICS Music Canvas)” on your phone to connect.
Connected to Phone	Solid ON	Bluetooth connection established successfully. The device is now paired and streaming audio.
Disconnect / Unpair	Blinking	Device disconnects from phone and returns to pairing mode, ready to connect to a new device.

Notes on Bluetooth connection

- Locate a new device within 1 m to connect via Bluetooth communication.
- The PIZZICS Music Canvas automatically turns off after 18 minutes in the Ready state.
- The PIZZICS Music Canvas may not perform Bluetooth search or connection correctly under the following circumstances:
 - If there is a strong electrical field around the PIZZICS Music Canvas.
 - If several Bluetooth devices are simultaneously paired with the PIZZICS Music Canvas.
 - If the Bluetooth device is turned off, not in place, or malfunctions.
- Electronic devices may cause radio interference. Devices that generate electromagnetic waves must be kept away from the PIZZICS Music Canvas main unit - e.g., microwaves, wireless LAN devices, etc.
- When connecting the PIZZICS Music Canvas to a Bluetooth device, place them as close to each other as possible.
- The farther the PIZZICS Music Canvas and Bluetooth device are from each other, the lower the sound quality will become.
- The Bluetooth connection may break when the devices are out of the effective range.
- The Bluetooth connection may not function as intended in areas with poor reception.
- Note that your PIZZICS Music Canvas cannot be paired with other Bluetooth devices while using the Bluetooth option.

Disconnecting the Bluetooth device from a PIZZICS Music Canvas

To disconnect the Bluetooth connection, disconnect the PIZZICS Music Canvas from the connected Bluetooth device (such as a mobile phone or tablet) through the device's Bluetooth settings.

- The PIZZICS Music Canvas will return to Bluetooth standby mode, and the Blue LED will begin blinking, indicating that it is ready for a new Bluetooth connection.

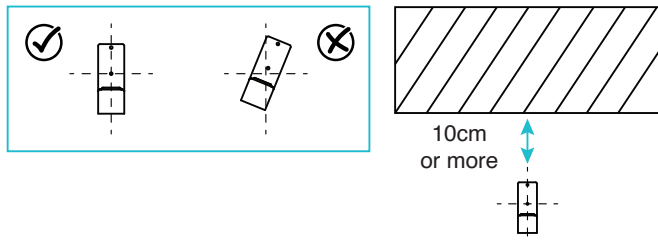
Disconnecting the PIZZICS Music Canvas from the Bluetooth device

Long press the BT Control Board button on the bottom right corner of the PIZZICS Music Canvas to switch the mode from “Bluetooth”.

- Disconnecting takes time because the Bluetooth device must receive a response from the PIZZICS Music Canvas. (Disconnection time may differ, depending on the Bluetooth device).

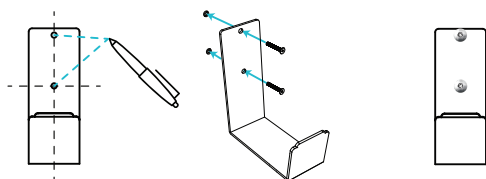
Installing the Wall Mount

- Place the Wall Mount Bracket against the wall surface.
 - The Wall Mount Bracket must be level.
 - If you are mounting the device below a mounted object, install at least 10 cm apart.

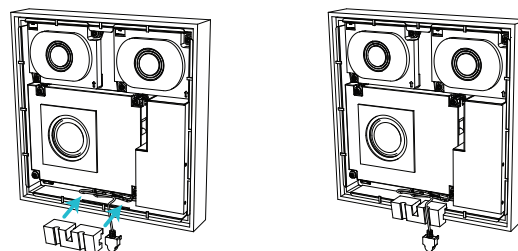


- Using an appropriately sized drill bit, drill a hole in the wall at each marking.

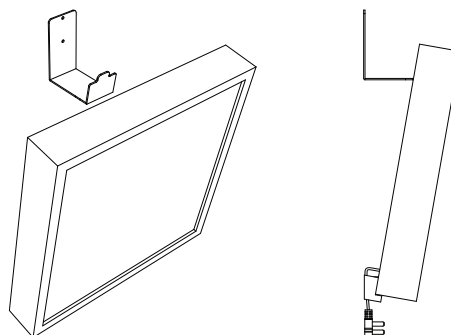
- Use a pen to mark the positions of the Wall Mount Bracket holes.
- If you use anchors or mollys, make sure the holes you drill are large enough for the anchors or mollys you use.
- Tighten the screw firmly until it does not move at all. Otherwise, the product may fall off and cause damage or physical injury. Any accident resulting from improper installation shall not be covered by the warranty.



- Place the wire holder and route the cable.
 - Place the wire holder into the slot located at the bottom section of the metal stamping assembly. Ensure that it is seated securely in the designated position.
 - Route the wire cord through the designated cable-routing holes in the wire holder.



- Place the PIZZICS Music Canvas on the wall-mount bracket. Make sure the holder screw is inserted properly on the PIZZICS Music Canvas.

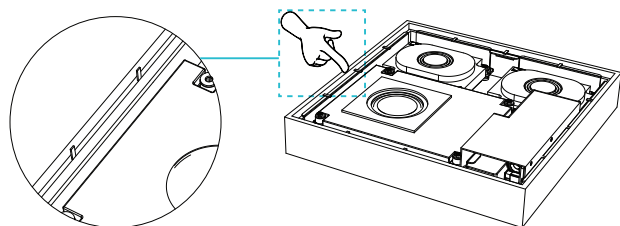


Changing the photo from the Photo Frame

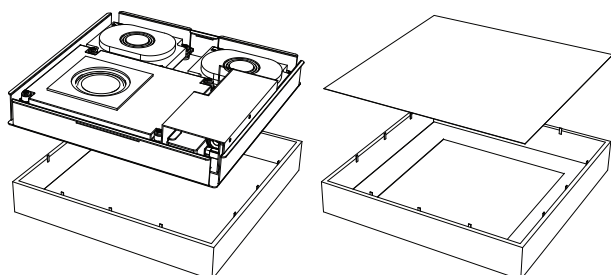
You can change the picture anytime you want.

(Size: 25x25 cm)

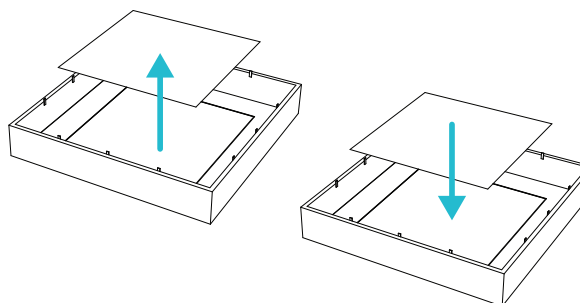
- Pull all locking tabs on the rear of the PIZZICS Music Canvas to unlock the frame.



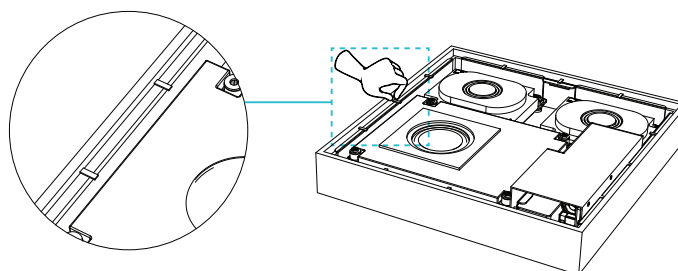
- Carefully lift the PIZZICS Music Canvas from the frame.
- Remove the blank paper layer.



- Replace the old photo with a new one.



- Reinsert the blank paper and place the PIZZICS Music Canvas back into the frame.
- Press all locking tabs securely to lock the assembly in place.

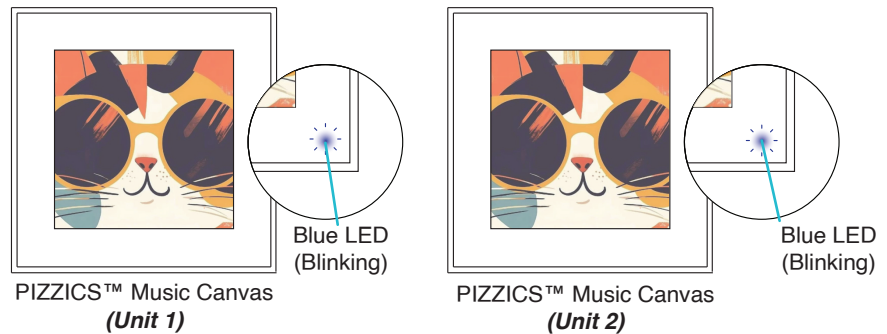


TWS Button Operation

When two PIZZICS Music Canvas units equipped with integrated 2.1 audio modules and BT Control Boards are available, they can be paired together to operate in TWS connection modes.

1. Supply power to the two PIZZICS Music Canvas units.

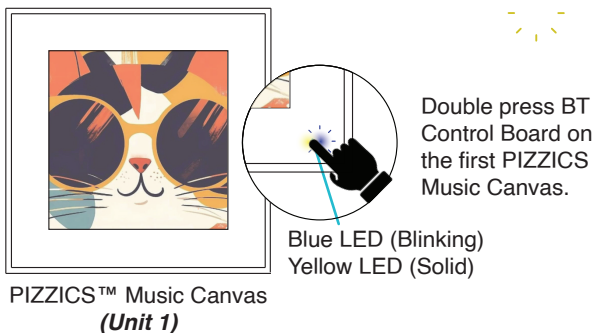
2. The Blue LED on the BT Control Board located at the bottom-right corner for both PIZZICS Music Canvas will begin blinking, indicating that the units are ready for Bluetooth pairing.



3. Enable Bluetooth on your phone and search for “PIZZICS Music Canvas” and complete pairing. The Blue LED will turn solid, indicating that the speaker is connected to the device.

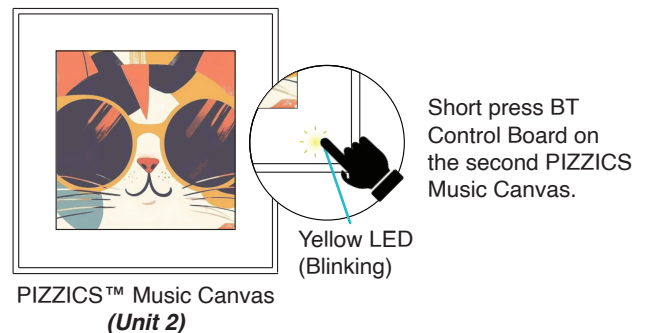


4. For Master Mode:



Double-press the BT Control Board on the first PIZZICS Music Canvas to enable Master Mode. The Blue LED will blink again, while the Yellow LED will remain solid, indicating that the unit is waiting for a Slave Unit.

5. For Slave Mode:



Short press the push button once on the second PIZZICS Music Canvas to enable Slave Mode. The Blue LED on the BT Control Board for the Slave Unit will turn off, while the Yellow LED will blink, indicating that the unit is ready to connect to the Master Unit.

6. After successful TWS pairing:

- The Yellow LED on BT Control Board for both PIZZICS Music Canvas will remain solid, indicating that TWS Mode is active.
- Go back to your device's Bluetooth settings to reconnect.



Precautions

The following safety instructions must be followed to ensure safe installation, operation, and long-term reliability of the product.

1. Ensure that the AC power supply in your house complies with the power requirements listed on the identification sticker located on the bottom of your product. Install your product horizontally, on a suitable height, with enough space around it for ventilation (7~10 cm). Do not place the unit on amplifiers or other equipment which may become hot. This unit is designed for continuous use. To fully turn off the unit, disconnect the AC plug from the wall outlet. Unplug the unit if you intend to leave it unused for a long period of time.
2. During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the unit.
3. Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and cause the unit to malfunction.
4. Protect the product from moisture (i.e. vases), and excess heat (e.g. a fireplace) or equipment creating strong magnetic or electric fields. Unplug the power cable from the AC wall socket if the unit malfunctions. Your product is not intended for industrial use. It is for personal use only. Condensation may occur if your product has been stored in cold temperatures. If transporting the unit during the winter, wait approximately 2 hours until the unit reached room temperature before using.

Troubleshooting

Before seeking assistance, check the following.

PIZZICS Music Canvas does not turn on

- Check whether the power cord of the PIZZICS Music Canvas is correctly inserted into the outlet.

PIZZICS Music Canvas works erratically

- After removing the power cord, insert it again.
- Power cycle the external device and try again.
- If there is no signal, the PIZZICS Music Canvas automatically turns off after a certain period of time. Turn on the power.

Sound is not output from the PIZZICS Music Canvas

- The volume of the PIZZICS Music Canvas is too low or muted. Adjust the volume.
- When any external device (Mobile device, etc.) is connected, adjust the volume of the external device.
- The cable connection may not be loose.
- Remove the cable and connect again.
- Remove the power cord completely, reconnect, and turn the power on.

PIZZICS Music Canvas will not connect via Bluetooth

- If the PIZZICS Music Canvas is connected to another device, disconnect that device first to switch the device.
- Reconnect it after removing the Bluetooth speaker list on the device to connect.
- Remove and reconnect the power plug, then try again.

Sound drops out when connected via Bluetooth

- Some devices can cause radio interference if they are located too close to the PIZZICS Music Canvas. e. g. microwaves, wireless routers, etc..
- If your device that is connected via Bluetooth moves too far away from the PIZZICS Music Canvas, it may cause the sound to drop out. Move the device closer to the PIZZICS Music Canvas.
- If a part of your body is in contact with the Bluetooth transceiver or the product is installed on metal furniture, the sound may drop out. Check the installation environment and conditions for use.

Legal Disclaimers & Warranty

About the Manual

This manual displays general installation guidelines. However, please note that proper installation of wired cables for the PIZZICS Music Canvas requires qualified experience. If you do not have the knowledge and tools to successfully perform this installation, we strongly recommend consulting an authorized PIZZICS™ dealer about your installation options. Keep all instructions and sales receipts for reference.

Documentation & Updates

Product specifications are subject to change without notice.
For the latest documentation, visit www.pizzics.com.

Warranty Terms and Product Usage

PIZZICS™ warrants its industrial-grade hardware against defects for 12 months from the date of purchase, contingent upon operation within the specified -20°C – +65°C thermal envelope. This warranty is strictly invalidated by any integration-level modifications—including, but not limited to, solder pad tinning or mechanical deformation—or electrical abuse such as overvoltage and reverse polarity. All logistics costs for returns are borne by the purchaser, and bulk-order returns are not permitted.

Disposal



This product is subject to the Directive 2012/19/EC on Waste Electrical and Electronic Equipment (WEEE) of the European Parliament and of the Council. It may not be disposed of in normal household waste. For disposal, please contact your dealer or the manufacturer. Any appliances that are infected, infectious or contaminated with materials hazardous to health are excluded from return. Please also observe all other regulations applicable in this context.