



LAV

CRESCENDO BEAT | Manual

V1.0



5V

15V

5V

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1. Getting Started

1.1. Introduction

Thank you for being part of the LAIV community. We're delighted to have you with us as we continue our pursuit of exceptional audio performance.

Introducing the Crescendo BEAT, our new linear power supply, engineered to provide clean, stable power that allows your audio system to perform at its full potential. Every aspect has been carefully designed to reduce unwanted noise and deliver a refined listening experience, complementing the performance of your existing components.

The Crescendo BEAT reflects our commitment to thoughtful engineering, premium craftsmanship, and uncompromising sound quality. We hope it brings even greater enjoyment to every listening session and becomes an essential part of your musical journey.

Welcome aboard, and thank you for your continued support.

1.2. Safety Instructions

We're thrilled to have you as part of our family, and your safety is our utmost priority. Before you dive into using your new Beat, let's go over some essential safety tips to ensure everything goes smoothly:

- 1) **Get to Know Your Beat:** Take a moment to flip through the user manual. It's packed with handy information about how to use your Beat safely and effectively.
- 2) **Stay Dry and Grounded:** Keep your Beat away from water sources and damp areas. Remember, electricity and water don't mix well! And always use grounded outlets to avoid any shocking situations.
- 3) **Keep it Cool:** Your Beat needs space to stay cool. Make sure there's plenty of airflow around it. Avoid placing your Beat in direct sunlight or near heat sources like radiators or stoves. Extreme heat can damage delicate components and shorten the lifespan of your Beat.
- 4) **Keep it Clean, Keep it Safe:** Regular cleaning is key to keeping your Beat happy. But remember, gentle is the name of the game—no harsh chemicals or scrubbing, please!
- 5) **Hands Off the Repairs:** If your Beat starts acting up, don't go all DIY hero on it. Leave the fixes to the pros. They've got the skills and know-how to get things back in working order safely.
- 6) **Keep it Kid-Safe:** Little ones are curious creatures, so make sure to keep cords and plugs out of their reach. And always supervise their interactions with Beat to avoid any unplanned experiments!
- 7) **Power Down for Peace of Mind:** When you're done using your Beat, hit the off switch. It's a simple step that can prevent any unwanted surprises while you're away.
- 8) **Trust Your Instincts:** If something seems off—smoke, sparks, strange noises—don't ignore it! Shut off the power and reach out to us or a professional for help ASAP.
- 9) **Safety First, Always:** Remember, your safety comes above all else. Take your time, follow these tips, and enjoy using your Beat with confidence!

If you ever have any questions or concerns about using your Beat safely, don't hesitate to reach out. We're here to help you every step of the way!

1.3. Quick Start

1

Sit back, relax, and coffee.



Register
Extended
Warranty



Read
Guide

2

Confirm the AC input at the bottom of the device.



US/CA/JP
100-127VAC

or



EU/UK/SG
220-240VAC

3

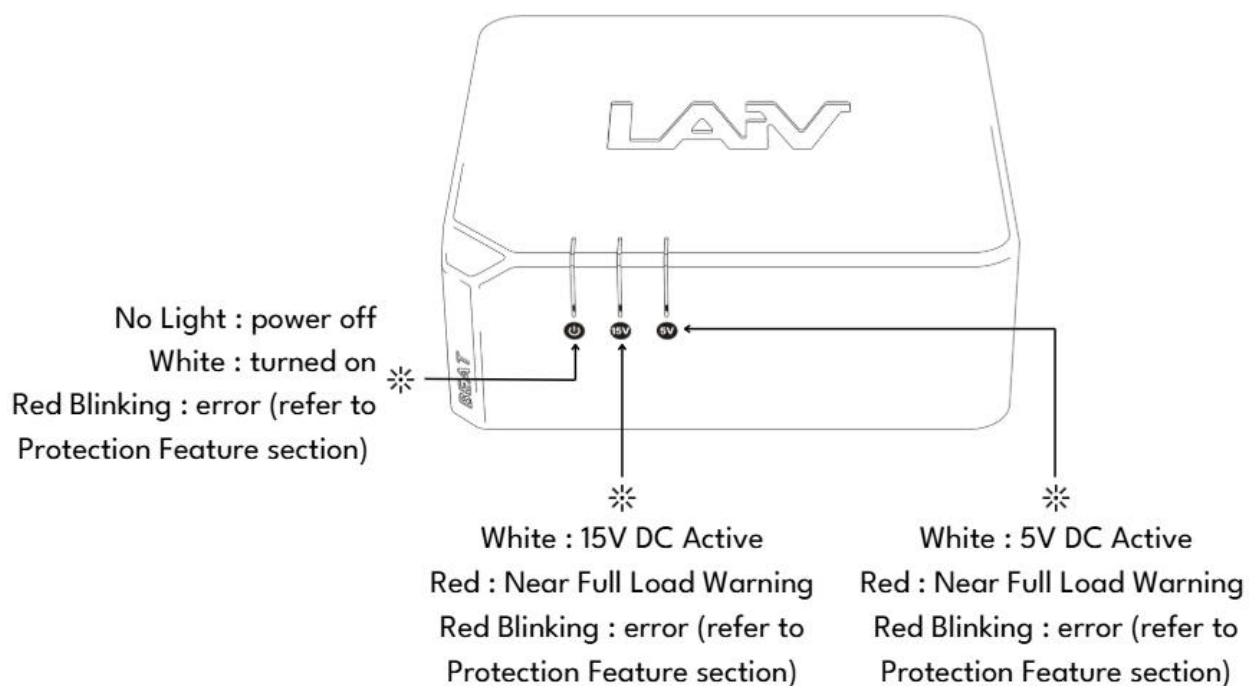
Connect all the cables, turn it on, and you're ready to rock and roll!



2. Basics About the Beat

2.1. The Front Panel

All information is easily accessible via the front panel of the Beat. Designed for convenience, the front panel displays all key information clearly through its indicators. For the error indicator, refer to Protection Feature section for more detailed information.



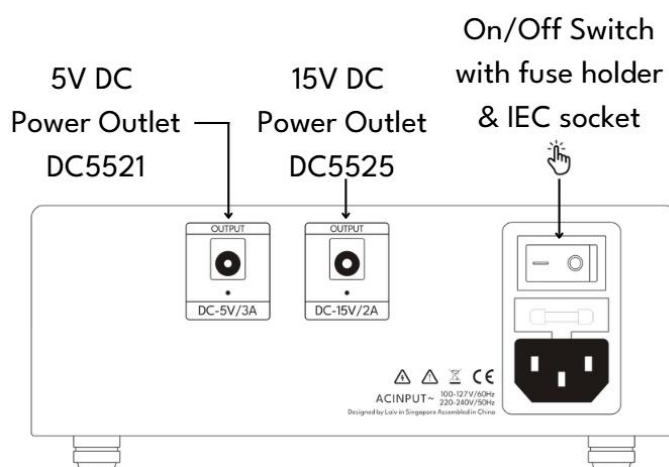
2.2. The Rear Panel

The rear panel of the Crescendo BEAT is designed with a clean and intuitive layout for easy operation.

On the left, you'll find the 5V DC (DC5521) power output, intended for compatible low-voltage audio devices.

Next to it is the 15V DC (DC5525) power output, providing clean, regulated power for supported components that require a 15V supply.

On the right side is the power switch, which incorporates the IEC AC inlet and integrated fuse holder. Connect the supplied AC power cord here and use the switch to turn the unit on or off.



2.3. Protection Features

The Beat is equipped with several built-in protection features to ensure safe and reliable operation.

These safeguards are designed to protect both the device and your connected equipment, allowing for a worry free listening experience. In the event is there is error detected, the Beat will display the error through blinking the red light.

	Power Indicator	5V Indicator	15V Indicator
Power on self-test for NCT open circuit/damaged	Blinking 10 times per second (100ms)	-	-
5V Over Temperature	-	Blinking 2 times per second (500ms)	-
5V Over Current	-	Blinking 5 times per second (200ms)	-
15V Over Temperature	-	-	Blinking 2 times per second (500ms)
15V Over Current	-	-	Blinking 5 times per second (200ms)
DC Overvoltage	Blinking 10 times per second (100ms)	Blinking 10 times per second (100ms)	Blinking 10 times per second (100ms)
5V & 15V Over Temperature	-	Blinking 2 times per second (500ms)	Blinking 2 times per second (500ms)
5V & 15V Over Current	-	Blinking 5 times per second (200ms)	Blinking 5 times per second (200ms)

3. Technical Specifications

Finish ¹	Black Anodized Aluminium Silver Anodized Aluminium
Size and Weight ²	Width: 168 mm Depth: 167 mm Height: 70 mm (Included Spike 10mm) Weight: 2.33kg a unit
Outputs	15V at 2A and 5V at 3A, both active simultaneously

Output Noise	$\leq 10 \mu\text{Vrms}$ no load / $\leq 50 \mu\text{Vrms}$ full load
Ripple Rejection	$> 82 \text{ dB}$
Output Connectors	DC barrel 5.5/2.1mm (5V), 5.5/2.5mm (15V)
Transformer	70VA toroidal
Regulation	Two-stage linear regulation
Rectification	Schottky diodes
Filter Capacitance	17,990 μF total
Features	Unified Crescendo Series design Low Residual Ripple Noise Various protection system
Power	100 - 127V / 220-240V selectable, 50 / 60Hz, IEC C14, T2A fuse
In the Box	Welcome card with Quick Start guide Crescendo Beat Power cord DC5521 to DC5521 cable, 50cm DC5525 to DC5525 cable, 50cm

4. Warranty and Contact Information

4.1. Warranty Terms

Warranty Period: 24 months from the date of purchase.

What's Covered: Defects in materials and workmanship.

What We'll Do: Repair your product if it has any defects during the warranty period.

How to Get Service:

- Register the warranty of your product within 3 months of the date of purchase at <https://www.laiv.audio/warranty-registration>
- To obtain warranty service, the customer must contact the Company's customer service department at info@laiv.audio.
- Proof of purchase, such as the original purchase receipt and warranty card, may be required.
- The customer may be responsible for shipping the defective Product to the Company's designated service center.

What's Not Covered:

- Import duties or taxes whenever applicable.
- Damage resulting from misuse, abuse, or unauthorized modifications or repairs.
- Normal wear and tear.
- Consumable parts, such as batteries, unless otherwise stated

Limitation of Liability: Our responsibility limited to repairing or replacing the parts.

Refer to the QR or <https://www.laiv.audio/terms-and-conditions#warranty> for the complete warranty terms.



4.2. Contact Information

For any inquiries or support related to this product, please don't hesitate to contact our Customer Support Team:

Email : support@laiv.audio

Website : <https://www.laiv.audio/contact>

We're here to assist you with any questions or concerns you may have regarding the product.