

ELURA

COMMERCIAL

BLACK SERIES
OWNER'S MANUAL &
INSTALLATION GUIDE



ELURA WIRELESS-SUB-KIT
5.8G WIRELESS SUBWOOFER KIT

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	ATTENTION RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR	
WARNING:			
To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.			
AVIS:			
Pour réduire le risque d'incendie ou de choc électrique, ne pas exposer cet appareil sous la pluie et l'humidité.			
The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.			
<i>L'appareil ne doit pas être exposé aux écoulements ou aux éclaboussures et aucun objet ne contenant de liquide, tel qu'un vase, ne doit être placé sur l'objet.</i>			



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Le symbole de l'éclair fléché dans un triangle équilatéral, est destiné à alerter l'utilisateur de la présence d'une "tension dangereuse" dans le boîtier du produit qui peuvent être de ampleur suffisante pour constituer un risque d'électrocution aux personnes.



This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

Ce symbole est destiné à alerter l'utilisateur de la présence d'opération et de maintenance (entretien) dans la documentation accompagnant l'appareil.

Important Safety Instructions

- Read these Instructions.
Lisez ces instructions.
- Keep these Instructions.
Conservez ces instructions.
- Heed all Warnings.
Respectez tous les avertissements.
- Follow all instructions.
Suivez toutes les instructions.
- Do not use this apparatus near water.
Ne pas utiliser cet appareil près de l'eau.
- Clean only with a dry cloth.
Nettoyer uniquement avec un chiffon sec.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Ne pas bloquer les ouvertures de ventilation. Installer conformément aux instructions du fabricant.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
Ne pas installer près de sources de chaleur telles que radiateurs, registres de chaleur, poêles ou autres appareils (y compris les amplificateurs) produisant de la chaleur.
- Do not defeat the safety purpose of the polarized or grounding - type plug. polarized plug has two blades with one

wider than the other. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Ne détruisez pas la sécurité de la terre ou polarisées - fiche. Une fiche polarisée possède deux lames dont une est plus large que l'autre. Si la fiche fournie ne rentre pas dans votre prise, consultez un électricien pour remplacer la prise obsolète.

- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
Protégez le cordon d'alimentation d'être piétiné ou pincé, particulièrement au niveau des fiches, des prises, et le point où ils sortent de l'appareil.
- Only use attachments/accessories specified by the manufacturer.
N'utilisez que des accessoires spécifiés par le fabricant.
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus, combination to avoid injury from tip-over.



Utilisez uniquement un chariot, stand, trépied, support ou table spécifiés par le fabricant ou vendu avec l'appareil. Quand un panier ou rack est utilisé, faites attention lorsque vous déplacez l'ensemble chariot / appareil, pour éviter d'éventuelles blessures en cas de chute.

- Unplug this apparatus during lightning storms or when unused for long periods of time.
Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant de longues périodes de temps.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
Confiez toute réparation à un personnel qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon que ce cordon d'alimentation ou la fiche est endommagé, liquide a été renversé ou des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement, ou s'il est tombé.
- WARNING:** The appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.
AVERTISSEMENT: La fiche d'alimentation (appareil coupleur) est utilisé comme dispositif de déconnexion, le dispositif de déconnexion doit rester facilement accessible.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
Aucune source de flamme nue, telle que des bougies allumées, ne doit être placée sur l'appareil
- Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection. 
Borne de terre de protection. L'appareil doit être connecté à une prise secteur avec une prise de terre.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- 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 minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Statement



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.

NOTE: 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.

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.

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

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 minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Overview

Thank you for purchasing Elura products. Like all Elura products, great care has been taken in their design. Each Elura product is manufactured to the highest quality standard using state-of-the-art components and built for years of enjoyment.

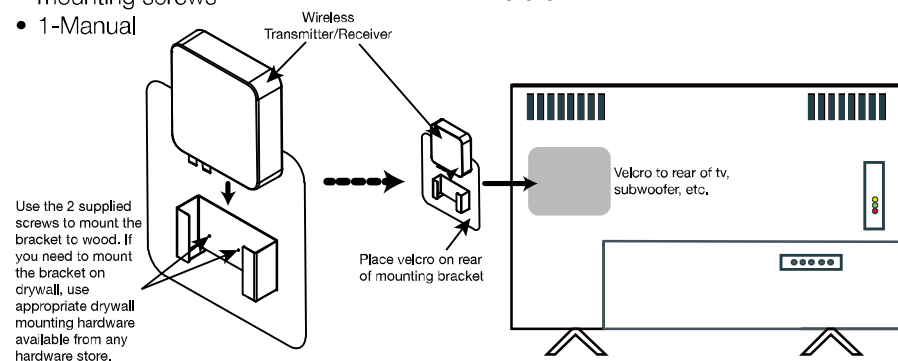
The Elura Wireless-Sub-Kit eliminates the need to run cables around doors or under carpet to connect your subwoofer or rear surround speakers to your receiver/amplifier. Subwoofer location in your room can affect low frequency performance so finding the desired placement for the best performance will not be limited by wire connections. Using the Elura Wireless-Sub-Kit simplifies subwoofer or powered surround speaker's placement that would otherwise be unusable due to cable length or location. The Elura Wireless-Sub-Kit provides excellent interference-free operation for all audio applications since it operates in the 5.8GHz frequency band. Simply connect the wireless transmitter module to your receiver/amplifier and the wireless receiver to your powered subwoofer or powered speakers, pair the units and enjoy problem-free listening.

Features

- Wirelessly connect your subwoofer or any audio component to your system
- Easy one-time set up
- 5.8G frequency band for excellent sound and interference-free RF connection
- Automatic frequency hopping will find a clear channel if any RF interference is detected
- Up to 50 feet working distance
- Full-Range Stereo Left & Right audio with RCA connectors on both the Transmitter & Receiver
- Unique receiver LFE sub-out with RCA connector feature

Contents

- Wireless Transmitter
- Wireless Receiver
- 2-AC Power Supplies
- 2-Power Supply Cables
- 1-Wireless Transmitter/Receiver Mounting Bracket
- 2-Pieces of Velcro
- 2-3x12mm Phillips-Head bracket mounting screws
- 1-Manual



Locating the ELURA Wireless-Sub-Kit Transmitter and Receiver

- Choose the desired location for your receiver/amplifier & subwoofer or powered speakers. Consult your subwoofer's owner's manual for guidance on choosing the location for the best audio performance.
- For best results, try to maintain line-of-sight (no walls or other barriers) between the wireless transmitter and receiver
- Keep the distance between the wireless transmitter and receiver less than 50 feet if possible
- Avoid placing the wireless transmitter near any other wireless equipment like a wireless security system, baby monitor, WiFi router etc. (More on this later in troubleshooting)

NOTES for Wireless Transmitter/Receiver Bracket Mounting

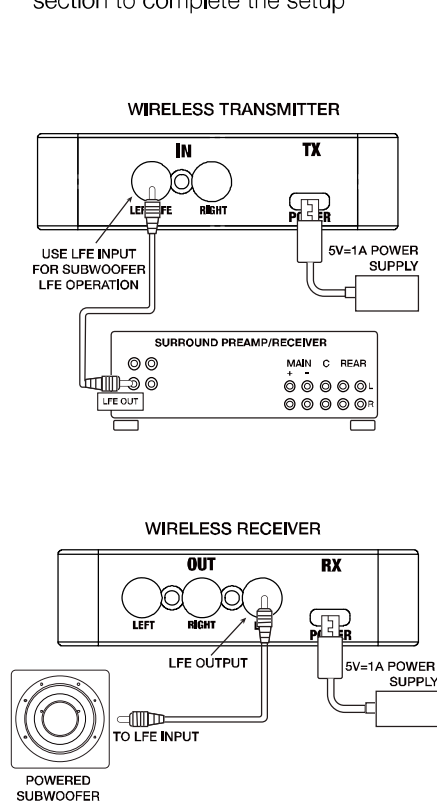
- If you are locating the wireless transmitter behind a TV, you can use the supplied Velcro to attach the transmitter bracket to the rear of the TV chassis
- If you are locating the receiver on the rear of a subwoofer or powered speakers and want to use the mounting bracket, you can use the supplied Velcro to attach the bracket to your speaker.
- If you are locating the wireless transmitter/receiver inside a wood cabinet, you can use the two supplied Phillips Head screws to attach the transmitter bracket to the surface.
- If you are locating the wireless transmitter or receiver on drywall, you will need to use appropriate after-market dry wall mounting hardware available from any hardware store.

Connections

Using the ELURA WIRELESS-SUB-KIT to connect to a remote powered subwoofer

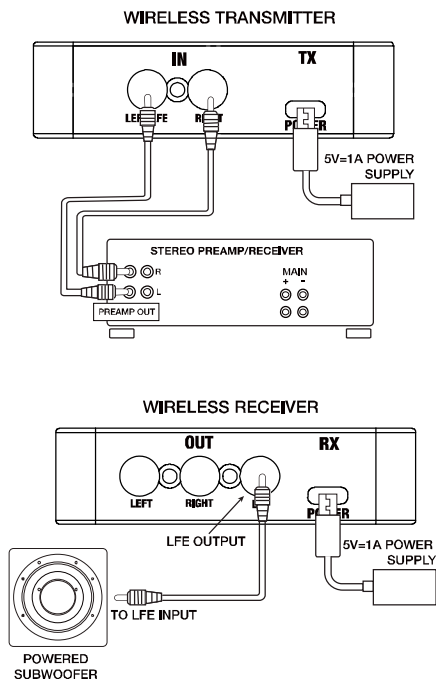
Option 1: If you have an AV Receiver/Surround Processor or Preamp with an LFE, Sub-Out or Subwoofer Pre-Out connector

- Step 1 – Use a high-quality shielded RCA cable to connect your receiver or preamp with a Subwoofer Pre-Out or LFE output to the Elura Wireless-Sub-Kit wireless Transmitter LEFT channel audio input. (NOTE: You can leave right RCA plug unconnected if you are connecting to a subwoofer as mono signal)
- Step 2 – Use a high-quality shielded RCA cable to connect the LFE output of the ELURA Wireless-Sub-Kit wireless receiver to your powered subwoofer LFE input.
- Step 3 – Connect one of the supplied power supplies to the transmitter using the supplied cable and connect the other power supply/cable to the receiver. Plug them both into an active 120V AC outlet. Skip to the pairing section to complete the setup



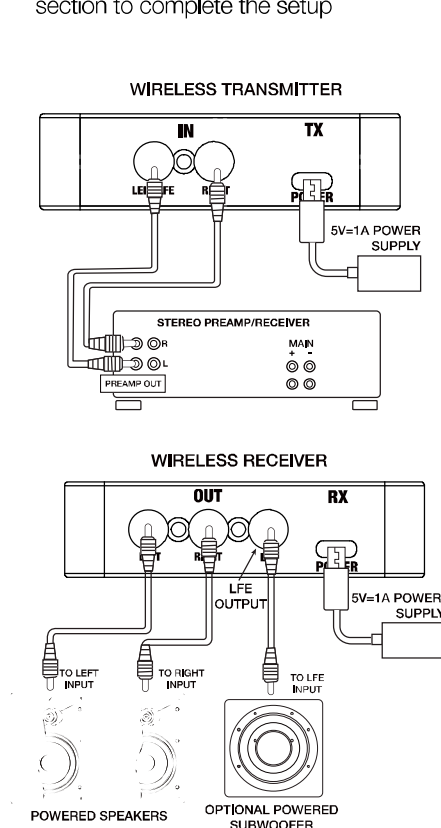
Option 2: If you have a 2-channel stereo pre-amplifier, AV amplifier, TV with analog audio outputs or AV processor with 2-channel Left/Right outputs

- Step 1 – Use a high-quality shielded dual-RCA cable to connect your 2-channel receiver or preamp outputs to the Elura Wireless-Sub-Kit wireless Transmitter Left & Right channel audio inputs.
- Step 2 – Use a high-quality shielded RCA cable to connect the LFE output of the ELURA Wireless-Sub-Kit wireless receiver to your powered subwoofer LFE input.
- (NOTE: The ELURA Wireless-Sub-Kit receiver automatically sends low-frequency audio from the Left & Right signals to the LFE output)
- Step 3 – Connect one of the supplied power supplies to the transmitter using the supplied cable and connect the other power supply/cable to the receiver. Plug them both into an active 120V AC outlet. Skip to the pairing section to complete the setup



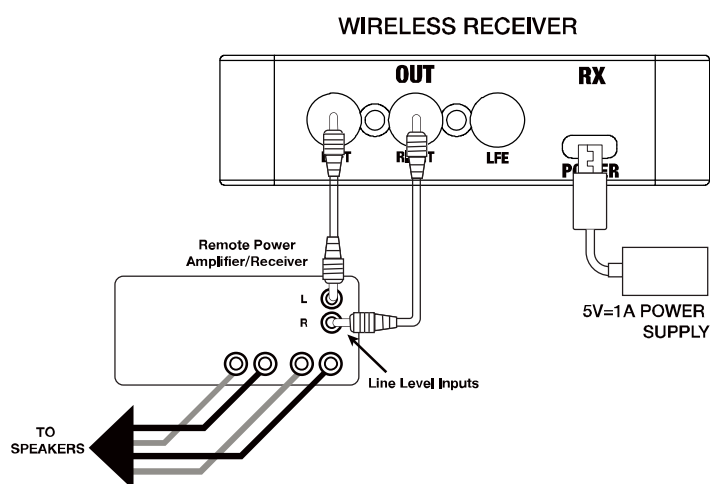
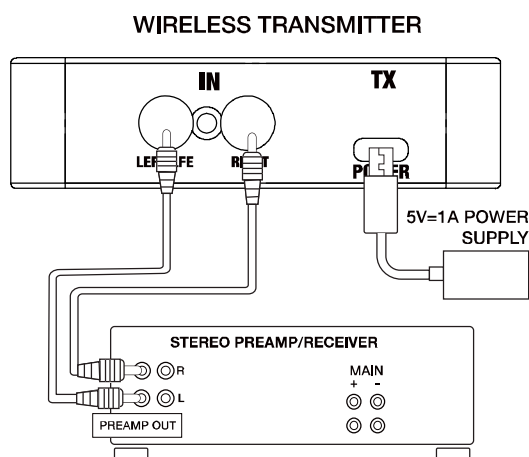
Using the ELURA WIRELESS-SUB-KIT to connect to remote powered/active speakers & a remote powered subwoofer

- Step 1 – Use a high-quality shielded dual-RCA cable to connect your 2-channel receiver or preamp outputs to the Elura Wireless-Sub-Kit wireless Transmitter Left & Right channel audio inputs.
- Step 2 – Use a high-quality shielded dual-RCA cable to connect the Left & Right outputs of the ELURA Wireless-Sub-Kit wireless receiver to your powered speakers. If you are also using a power subwoofer with your powered speakers you can connect the ELURA Wireless-Sub-Kit LFE output to your subwoofer's LFE input.
- (NOTE: The ELURA Wireless-Sub-Kit receiver automatically sends low-frequency audio from the Left & Right signals to the LFE output)
- Step 3 – Connect one of the supplied power supplies to the transmitter using the supplied cable and connect the other power supply/cable to the receiver. Plug them both into an active 120V AC outlet. Skip to the pairing section to complete the setup



Using the ELURA WIRELESS-SUB-KIT to connect to a remote amplifier and passive speakers

- Step 1 – Use a high-quality shielded dual-RCA cable to connect your 2-channel receiver or preamp outputs to the Elura Wireless-Sub-Kit wireless Transmitter Left & Right channel audio inputs.
- Step 2 – Use a high-quality shielded dual-RCA cable to connect the Left & Right outputs of the ELURA Wireless-Sub-Kit wireless receiver to your remote amplifier's Left and Right channel audio inputs.
- Step 3 – Connect one of the supplied power supplies to the transmitter using the supplied cable and connect the other power supply/cable to the receiver. Plug them both into an active 120V AC outlet.

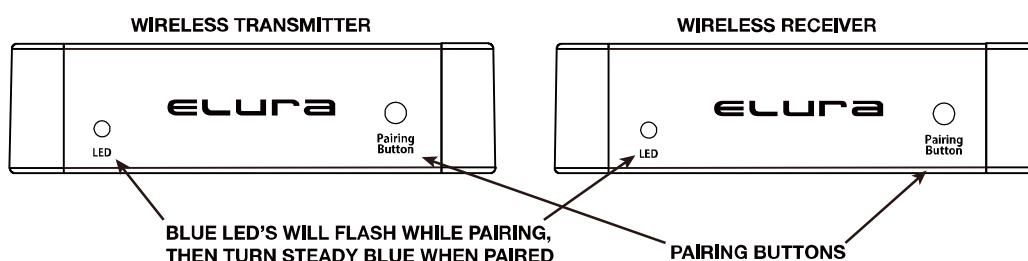


Pairing the Wireless Transmitter to the Receiver

For the best audio signal quality results, please ensure that there are no obstacles to install within 50 feet operation distance between the transmitter and receiver/speakers with line-of-sight (no walls or solid barriers)

Pairing Steps:

- First push the pairing button on the transmitter
- Second push the pairing button on the receiver
- The blue LED's will flash while the units go through an open channel search and pairing function
- Once both LED's stop flashing and turn steady blue, the unit's are paired
- NOTE: If the power is disconnected, the unit's will automatically pair when the power is restored, no need to go through the pairing function again.



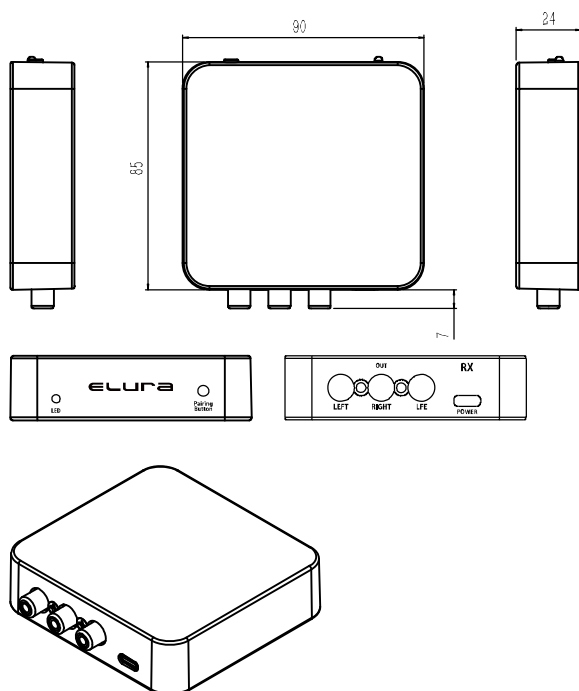
Specifications

Radio-Frequency (RF) Operating Frequency	5.8GHz
Modulation	GFSK with Frequency Hoping
Transmitter RF Output Power	10dB +/-2dB
Receiver RF Sensitivity	-90dBm
Left/Right Audio Frequency Response	20 Hz - 20 kHz
LFE Audio Output Frequency Response	20 Hz - 500 Hz
Audio Sampling Rate	48 kHz
Max Transmitter Audio Input Voltage	2V
Max Receiver Audio Output Voltage	2V
Typical Range	50' (15M)
Total Harmonic Distortion (THD)	< 0.1%
Channel Separation	≥ 75 dB
Signal-To-Noise Ratio	> 75dB
Delay Time	< 1ms
Safety Certification	FCC
Power Requirement (TX & RX)	5VDC, 60mA
Power Connector (TX & RX)	USB-C
Case Dimensions (W x D x H) (TX & RX)	3.54" (90 mm) x 3.35" (85 mm) x .945" (24 mm) 3.62" (92 mm) Deep with RCA connectors
Transmitter Mounting Bracket Dimensions (W x D x H)	3.66" (93 mm) x 1.97" (50 mm) x 1.05" (26.6 mm)
Net Weight	TX: 92.7g (0.204 lb) RX: 97.8g (0.216 lb)

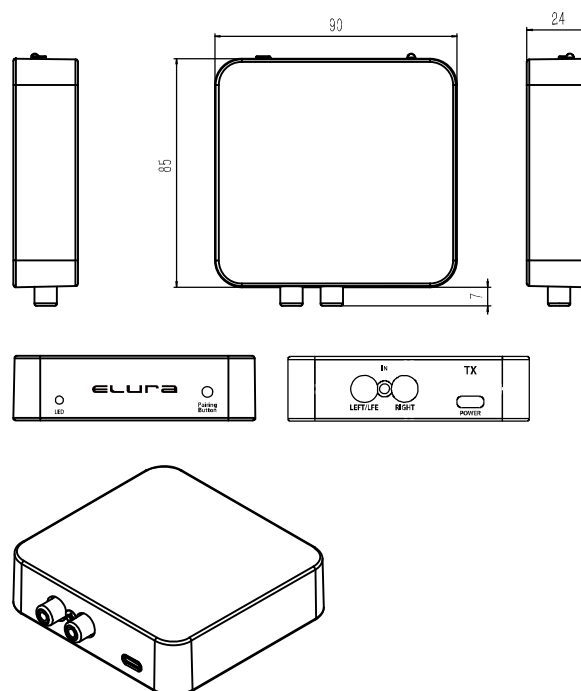
Power Supply Specifications

Input Voltage	110 – 240V ~ 50/60Hz, 0.3A
Output Voltage	5VDC, 1A
Protection	Over Voltage, Over Current & Short Circuit Protected
Energy Saving	Level VI
Safety Certifications	ETL (C & US) conforms to UL STD 62368-1, Certified to CSA STD C22.2 No. 62368-1 and FCC Part 15B
AC Input	Wall Mount, 2-Prong
DC Output	USB-A Connector
DC Cable	Removable 2-conductor, USB 2.0 type C, 39.37" (1 Meter) Long
Dimensions (L x W x D)	2.36" (60 mm) x 1.46" (37 mm) x .984" (25 mm)
Net Weight	67.2g (0.15 lb)

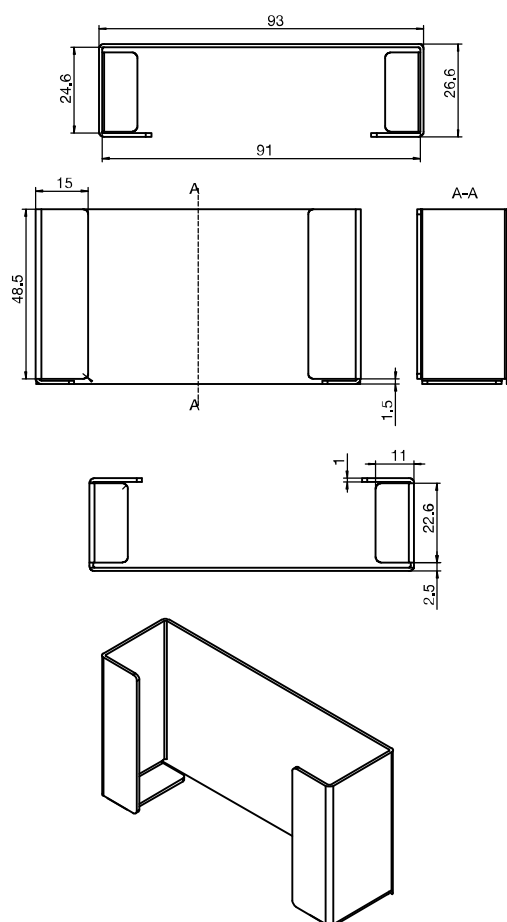
WIRELESS RECEIVER



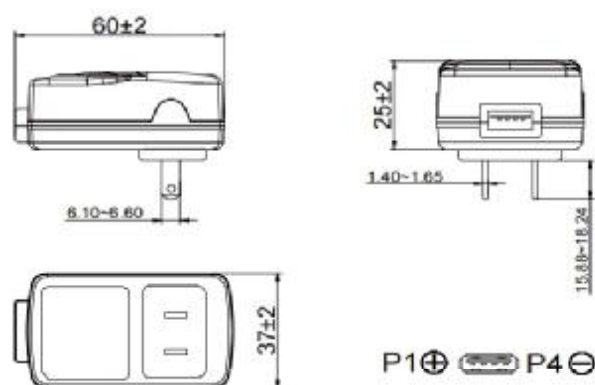
WIRELESS TRANSMITTER



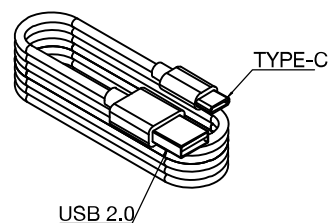
MOUNTING BRACKET



POWER ADAPTER



POWER SUPPLY CABLE



Total length 1000 mm , color black

Troubleshooting

Transmitter & Receiver won't pair

- Verify both units are connected to their power supplies and the blue LED is blinking
- If you go through the pairing steps above and are still unable to achieve pairing check the following
- Verify the distance from the transmitter to the receiver is no more than 50'
- If you have walls, metal racks or other objects in the path, they could interfere with the signal and prevent pairing.
- You may want to bring the units closer together to verify they will pair. If they do you will need to move obstacles or locate the receiver in a location closer to the transmitter location
- You might have other wireless units in the same area causing interference. Refer to the section below in this troubleshooting section.

No or low Sound from Subwoofer or remote speakers

- Transmitter & Receiver power supplies may not be plugged in or connected to their respective units. Check power cable connections and verify power at the AC outlets
- Transmitter & Receiver might not be paired. Check for steady-state blue light on both units. If either one of them is blinking, go through the pairing steps above. If you are unable to achieve pairing, refer to the steps in the troubleshooting section above.
- Power supply cable to the subwoofer, powered speakers or remote amplifier may not be fully plugged in or the power supply is plugged into an AC outlet that does not have power. Check connections and verify power at the AC outlet.
- Audio cable to the Transmitter or Receiver might not be connected properly, is connected to the incorrect input, or the cable is defective. Check connection diagrams in the Connections section of the manual for proper connections related to your setup.
- Make certain you have good audio output from your 2-channel preamp, LFE output of your receiver or audio source that is connected to the transmitter
- Audio is lacking low frequency or high frequency output
- Check the High-Pass and Low-Pass switch settings and the Low-Pass frequency adjustments on the rear panel.

Interference, Static, or intermittent loss of pairing

- Since the ELURA Wireless-Sub-Kit is an RF (radio-frequency) wireless system, you might encounter RF interference from other wireless units in the same area. You might need to relocate the ELURA Wireless-Sub-Kit receiver or transmitter or the other wireless product you have to eliminate the interference
- If you have intermittent pairing loss, refer to the steps above in this troubleshooting section.

Product Warranty

The seller warrants the WIRELESS-SUB-KIT free from defects in the material and workmanship for 2 years from the date of purchase from the seller or authorized dealer. Should this product fail to be in good working order within the warranty period, the product will be repaired or replaced provided that the unit has not been subjected to accident, disaster, abuse, or any unauthorized modification. This warranty is offered by the seller for its buyer with direct transaction only. This warranty does not apply to products that have been abused, incorrectly installed, modified, disassembled and/or repaired by anyone other than Elura or our appointed repair facility.

A unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the buyer. If the unit is delivered by mail, customers agree to ensure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number. The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty, all of which are expressly disclaimed. Proof of sale may be required in order to claim warranty. The content of this manual has been carefully checked and is believed to be accurate. However, the seller assumes no responsibility for any inaccuracies that may be contained in this manual. Also, the technical information contained herein regarding the features and specifications are subject to change without further notice.

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