

WiLD Series

WIRELESS PRO AUDIO
Transmitter & Receivers



USER MANUAL



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1. PRECAUTIONS

1.1 Important Notice



WARNING: SHOCK HAZARD - DO NOT OPEN


AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR



The flashing light with an arrowhead symbol inside an equilateral triangle on it is intended to alert the user of the presence of non-insulated “dangerous voltage” within the enclosure, which might be of sufficient magnitude to pose a risk of electric shock to users.



The exclamation mark within an equilateral triangle is intended to alert the user of the requirement for important operating and maintenance (servicing), for which instructions may be found in the literature accompanying the appliance.

WARNING (If applicable): Terminals marked with symbol “” may be of sufficient magnitude to pose a risk of electric shock. The external wiring connected to terminals requires installation by a technician, or the use of ready-made leads or cords.

WARNING: To prevent fire or shock hazard, do not expose this equipment to rain or humidity.

WARNING: A device with Class I manufacturing ought to be connected to a mains socket outlet with a protective earthing connection.



WARNING: Ecler products have a long lifetime of more than 10 years. This product must never be discarded as unsorted urban waste, but must be taken to the nearest electrical and electronic waste treatment centre.



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1.2 Key Safety Directions

1. Read the following directions.
2. Keep the following directions.
3. Observe all warnings.
4. Follow all instructions.
5. Do not use this device in proximity to water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that may release heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades, with one being wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, contact a qualified electrician for a replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at the plugs, convenience receptacles, and at the point of exit from the device.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the device during lightning storms or when unused for long periods.
13. Refer all servicing to qualified personnel. Servicing is required when the device has been damaged in any way, such as power supply cord or plug damage, liquid spillage or objects onto the device, the device has been exposed to rain or humidity, does not operate normally, or has been dropped.
14. Disconnecting from mains: When switching off the POWER switch, all the functions and light indicators of the unit will be stopped, but fully disconnecting the device from mains is done by unplugging the power cable from the mains input socket, therefore, it should always remain easily accessible
15. Equipment is connected to a socket-outlet with an earthing connection by means of a power cord.
16. The marking information is located at the top/rear of the unit.
17. The device shall not be exposed to dripping or splashing liquids, and no liquid-filled objects, such as a filled up glass, shall be placed on top of the device.

1.3 Cleaning Directions



Clean the unit with a soft, dry clean cloth or slightly wet with water and neutral liquid soap only, then dry it with a clean cloth. Be careful that water never gets into the unit through any hole. Never use alcohol, benzine, solvents or abrasive substances to clean this unit.

NEEC AUDIO BARCELONA, S.L. accepts no liability for any damage that may be caused to people, animal, or objects due to failure to comply with the warnings above.

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2. WARRANTY & ENVIRONMENT

Thank you for choosing our Ecler WiLD Series!

We greatly value your trust.

It is **VERY IMPORTANT** to carefully read this manual and to fully understand its **contents before any connecting takes place** in order to make the best use of this equipment, as well as to get the best performance from it.

To ensure optimal operation of this device, **we strongly recommend that its maintenance be carried out by our authorised Technical Services.**

All ECLER products are covered by warranty, please refer to www.ecler.com or the warranty card included with this product for the period of validity and conditions.



Ecler is truly committed with the environment and planet sustainability, energy saving and CO₂ emission reduction. Recycling materials and using non-contaminant components are also top priorities in our green crusade.

Ecler has deeply evaluated and analyzed the environmental impacts of all the processes involved in the production of this product, including packaging, and has alleviated, reduced and/or compensated for them.



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3. PACKAGE CONTENTS

- **WiLD-TX:**

- | | |
|--|----------------------------|
| ○ 1x WiLD-TX unit. | ○ 2 Mounting ears |
| ○ 1x External, universal Power Supply. | ○ 1 x Wall-mount bracket. |
| ○ 2x DECT antennas. | ○ 1 x Euroblock connector. |
| ○ 1 x Bluetooth® antenna. | ○ First Steps Guide. |
| ○ 1 x Half Rack Front Adapter | ○ Warranty card. |

- **WiLD-14:**

- | | |
|------------------------|----------------------|
| ○ 1x WiLD-14 unit. | ○ First Steps Guide. |
| ○ Lighting rail mount. | ○ Warranty card. |

- **WiLD-SB18:**

- | | |
|-------------------------------------|----------------------|
| ○ 1x WiLD-SB18 unit. | ○ 4 wall screws. |
| ○ 1x EU AC voltage cord (3x1 1,5m). | ○ 4x wall plugs. |
| ○ 1x UK AC voltage cord (3x1 1,5m). | ○ First Steps Guide. |
| ○ 2 x Wall-mount brackets. | ○ Warranty card. |
| ○ 12 screws. | |

4. DESCRIPTION & FEATURES

WiLD is the ultimate long-distance wireless audio solution! This innovative system includes the **WiLD-TX transmitter**, a sleek 4-inch **WiLD-14 receiver loudspeaker**, and a powerful **WiLD-SB18 subwoofer**. Designed for retail spaces, museums, and other markets, WiLD offers a cost-effective, robust, and user-friendly installation that blends seamlessly into any environment. Experience superior sound quality with minimal visual impact. Upgrade to WiLD today and transform your audio experience!.

4.1 Transmitter

4.1.1 WiLD-TX

WiLD-TX is the transmitter device that communicates with all the receiver devices to create a WiLD wireless network.

The device features unbalanced (2XRCA) and Bluetooth inputs with tone control. The main functions include pairing and sending audio content to all receiving devices (WiLD-14, WiLD-SB18), ensuring solid and stable communication. Additionally, it manages the global configuration of the system, including audio inputs in use, equalization, output levels, etc.



Main Features

- USB-C 5VDC Power Supply.
- 2 audio inputs available:
 - Analogue stereo unbalanced. 2 x RCA connectors.
 - Bluetooth®, class 1 (up to 25 meters range, maximum).
- 1x WiLD wireless audio signal transmitted (a mono conversion of the selected signal).
- Maximum number of receivers under control per transmitter device = 32 units.
- Front panel 3 band EQ controls and general (Master) volume control.
- Recommended maximum range from a WiLD-TX transmitter to any WiLD paired receiver: 150 metres, with direct line of sight.
- Rear panel WiLD pair button that allows pairing the receivers to the transmitter quickly and easily.
- External universal Power Supply (100-240VAC 50-60Hz).
- MUTE port, to allow the system's audio silencing when an external dry contact is closed.
- REMOTE port, to allow a simple general volume control for the end user with a WPaVOL or compatible wall panel.

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4.2 Receivers

4.2.1 WiLD-14

WiLD-14 is a self-powered 4" lamp style loudspeaker with wireless audio reception under the control of the transmitter, featuring an installation system which is compatible with ceiling light rails.



Main Features

- Lamp style self-powered WiLD receiver, including 4" woofer and 0.75" tweeter loudspeakers.
- Lighting rail mount compatible (Compatible light rails: 4 wire 3 circuit track system such as Global Trac Pro or compatibles).
- Universal internal power supply, taking mains AC from the lighting rail bracket (100-240VAC 50-60 Hz).
- 1x WiLD wireless audio signal received, from the transmitter it is paired to.
- Rear panel WiLD PAIR button that allows pairing the receivers to the transmitter quickly and easily.
- LED indicator on the rear panel.
- Recommended maximum range from a WiLD-TX transmitter to any WiLD paired receiver: 150 metres, with direct line of sight.
- Available in white (RAL 9003) and black (RAL 9005).

4.2.2 WiLD-SB18

WiLD-SB18 is a compact self-powered 8" subwoofer with wireless audio reception under the control of the transmitter.



Main Features

- Subwoofer self-powered WiLD receiver, including 8" woofer and bass reflex system.
- Universal, internal power supply (100-240VAC 50-60 Hz).
- 1x WiLD wireless audio signal received, from the transmitter it is paired to.
- 1x Line In Analogue stereo unbalanced Signal. 3 pin Euro block.
- Recommended maximum range from a WiLD-TX transmitter to any WiLD paired receiver: 150 metres, with direct line of sight.
- Rear panel controls for:
 - WiLD pair button that allows pairing the receivers to the transmitter quickly and easily.
 - LED indicator.
 - Source (input) selection.
 - Low Pass Filter selection (40, 60, 80, 100, 120, 150, 200, 250 Hz, Full Range).
 - StandBy Selection (20min, 1, 4 Hours, ON).
 - General volume control.

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5. WiLD DECT TECHNOLOGY

Ecler WiLD DECT (Digital Enhanced Cordless Telecommunications) wireless technology system transmit audio via radio frequency, using 1880 – 1930 MHz bandwidth, (EU DECT, US DECT).

WiLD is a robust and stable system. Each WiLD-TX has two DECT antennas:

1. **Working channel:** both antennas transmit audio to receivers.
2. **DECT channel handover algorithm:** DECT is not hopping periodically but continuously moves the carrier, searching for the best options to switch in case of low link quality.

 An RF system, even a robust one like WiLD, is always exposed to potential performance failures when working in hostile RF environments.

5.1 RF Interference Level by Type of Materials

Type of barrier	Interference level
Wood	Low
Plaster	Low
Synthetic Material	Low
Glass	Low
Water	Medium
Bricks	Medium
Marble	Medium
Concrete	High
Metal	High
Mirror	Very High



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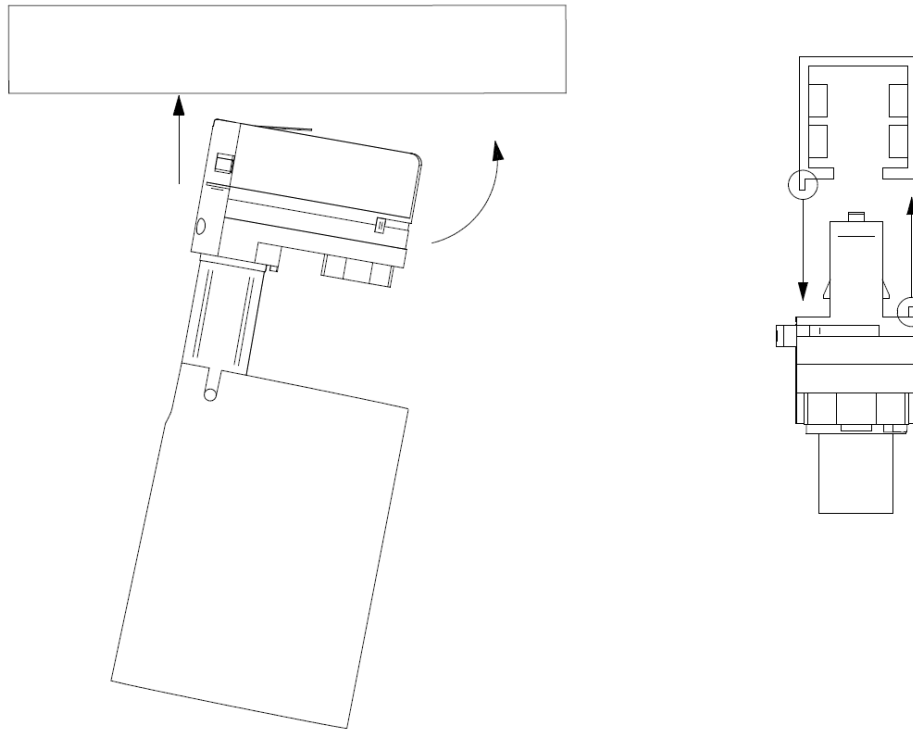
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6.1 WiLD-14 Receivers

The WiLD-14 receivers come with the lighting rail bracket already mounted.

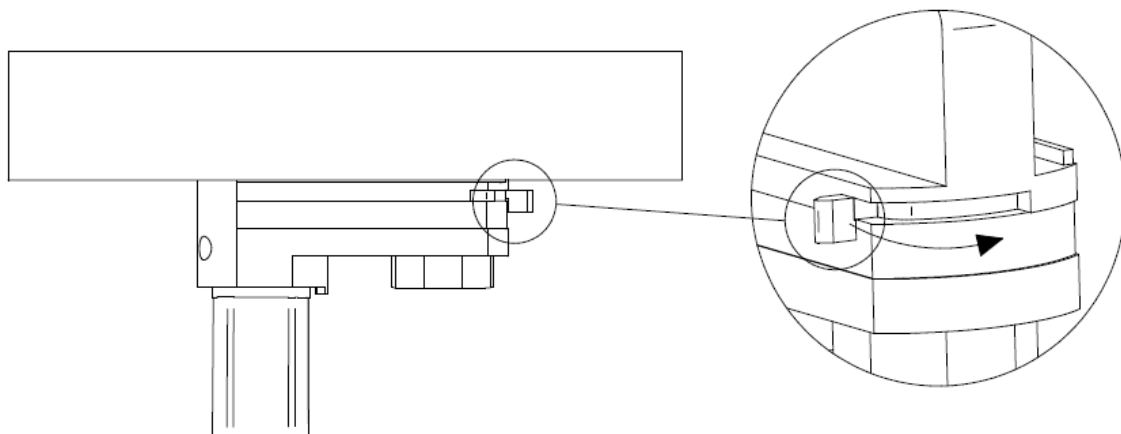
Follow these steps to install a WiLD-14 unit in a lighting rail:

1. Ensure that the 4-position (OFF-1-2-3) circuit selector wheel in the WiLD-14 unit is in the OFF position.
2. Insert the loudspeaker in the lighting rail, as shown in the image



Connection to a GLOBAL Trac Pro / Eutrac lighting rail (three-circuit lighting track system)

3. Rotate the safety lug to secure the loudspeaker on the lighting rail. Rotate the circuit selector wheel to a position other than OFF, the one matching with a circuit in the rail that will deliver mains AC to the unit. Then, the safety lug will be locked




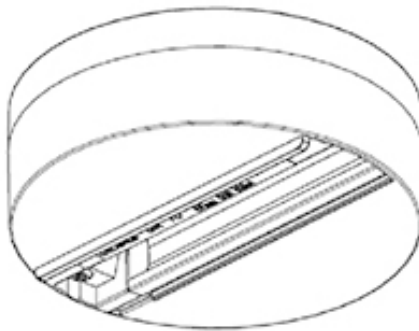
4. Check whether the unit is really powered ON or not by watching the LED indicator at its back panel: depending on the status of the receiver unit (at factory defaults, already paired, etc) blinking or fixed lit LEDs will appear.

Status LED OFF permanently will mean that the unit is not powered, probably not getting mains AC from the lighting rail. In this case, please check:

- The lighting rail is really powered with mains AC.
- The WiLD-14 receiver circuit selector wheel is in the right position. Check the rest of positions to try to get a valid one, with some LED activity, thus getting mains AC from the rail tracks.

5. Orient the loudspeaker to obtain the required position on the vertical and horizontal axes.

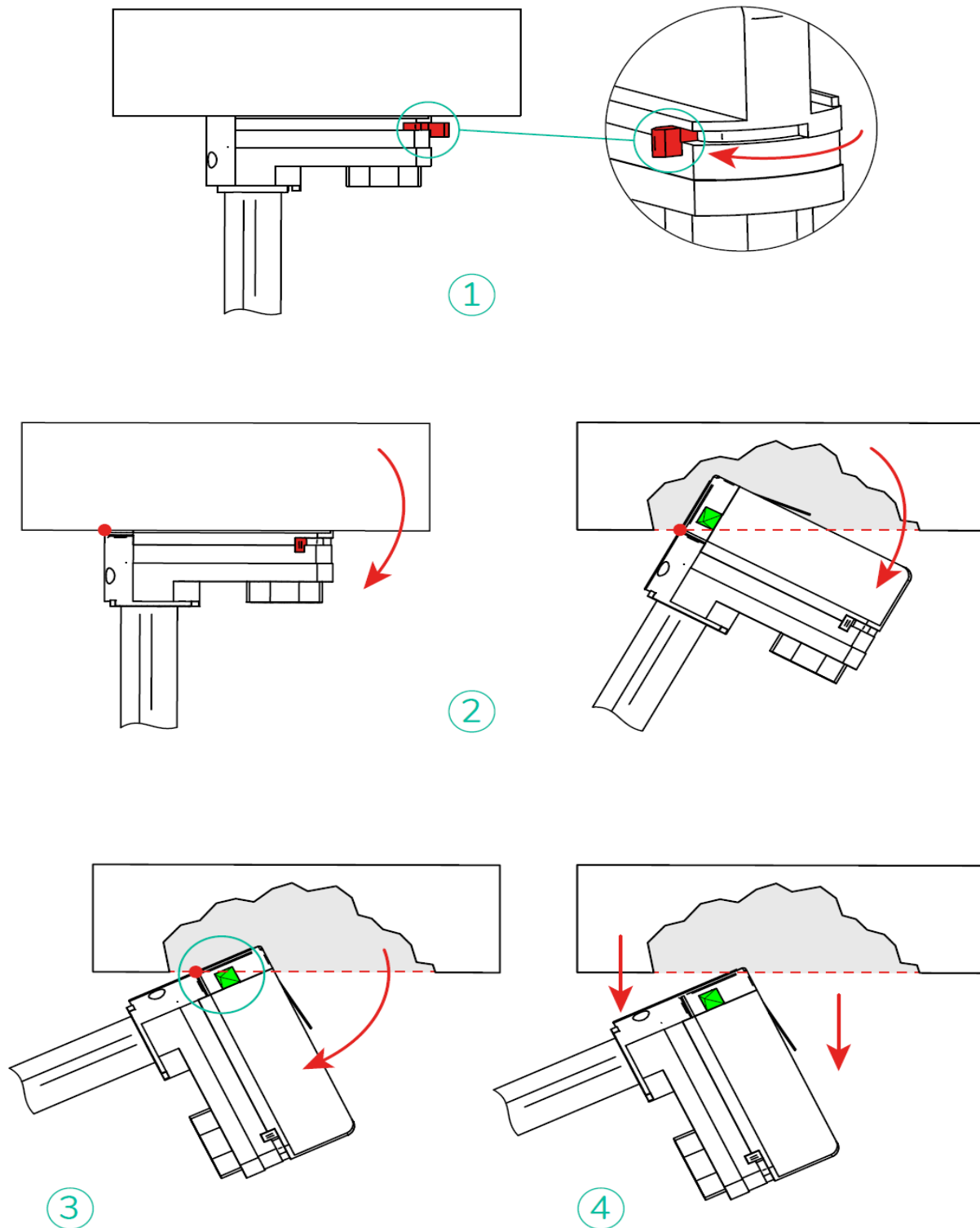
 **If a WiLD-14 receiver needs to be installed on a surface without an available lighting rail, the optional surface mount accessory, ref. TUBE SMA, can be used:**



In first place, mount and power the accessory with mains AC. Then, follow the previous steps to insert and fix the WiLD-14 unit in it.

6.1.1 Disassembling WiLD-14 Receivers from Lighting Rails Installations

! Before detaching the WiLD-14 receiver, ensure that the 4-position (OFF-1-2-3) circuit selector wheel is set in the OFF position.



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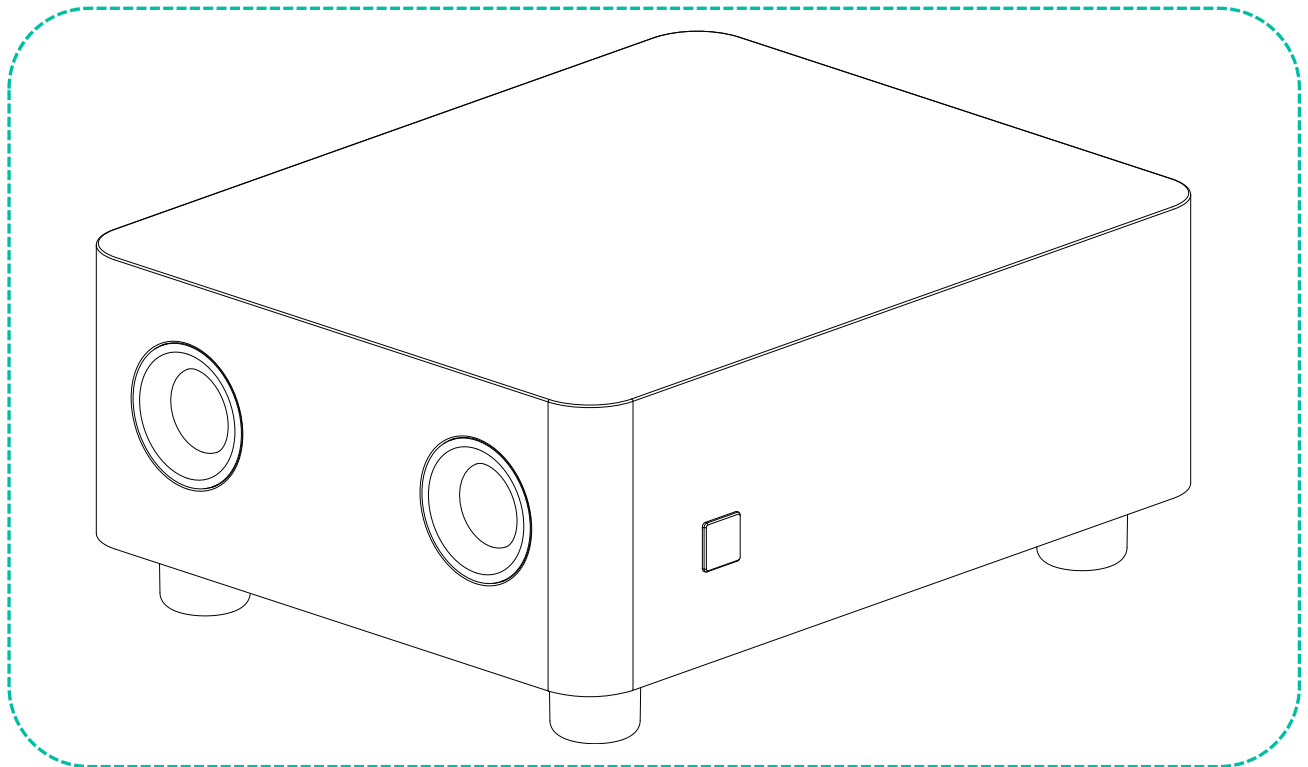
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6.2 WiLD-SB18 Receivers

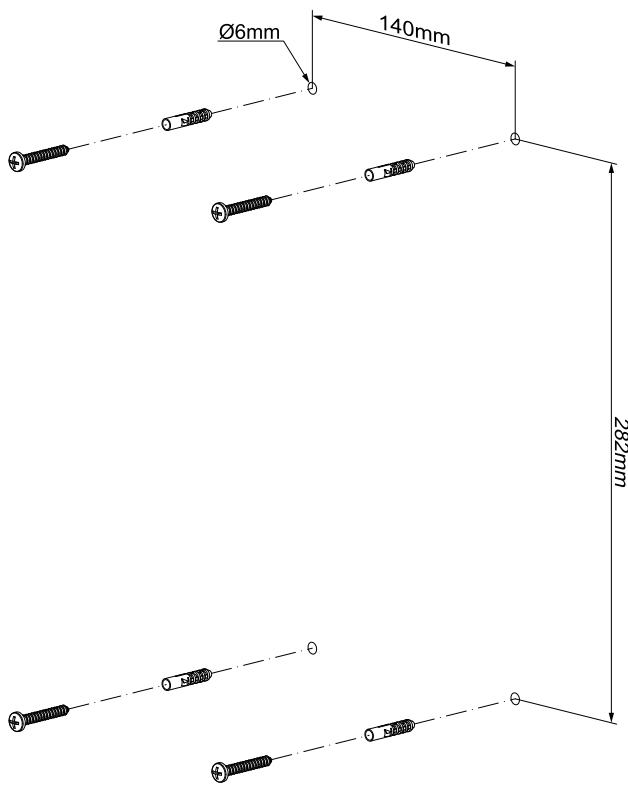
The WiLD-SB18 receivers come with pre-assembled plastic and rubber feet, ready for floor mounting. However, a wall/surface mount bracket is included in case that wall mounting is preferred.

6.2.1 Horizontal Floor Mounting

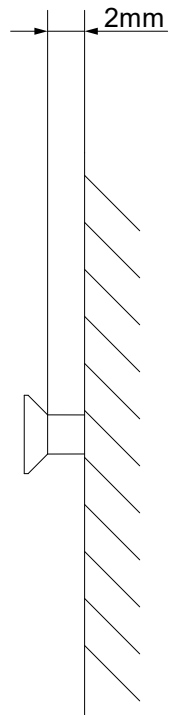


6.2.2 Wall Mounting

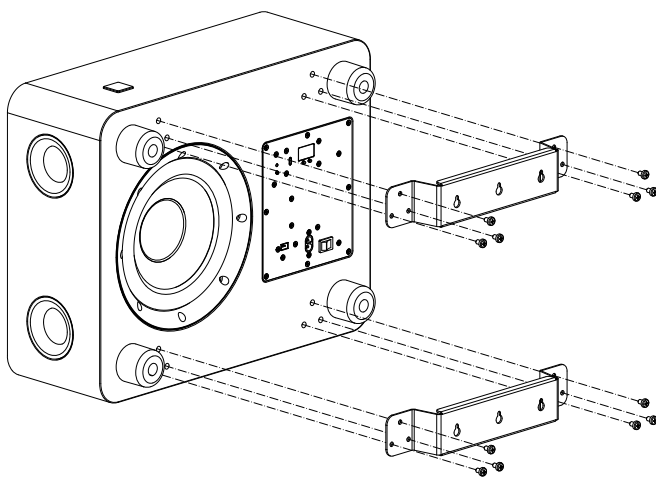
1



Fix the 4 wall plugs and screws provided to the wall, following the distances specified in the diagram.

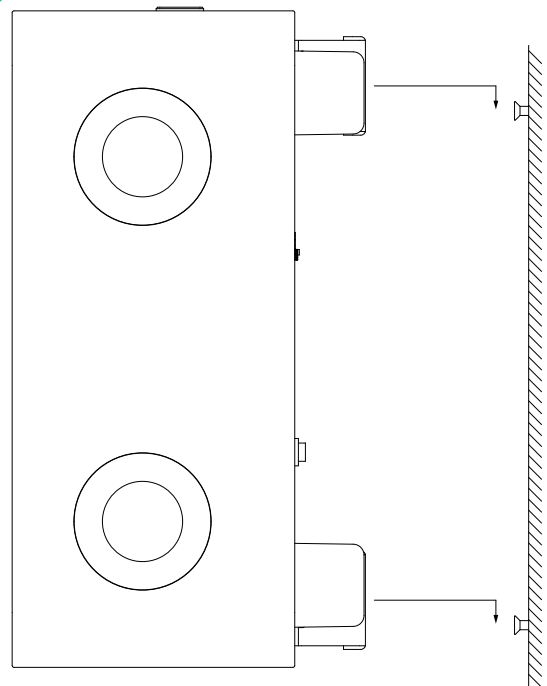


2



Attach the 2 wall brackets to the device using the 12 screws provided

3



Hang the device on the wall by inserting the brackets mounted to the device into the screws attached to the wall



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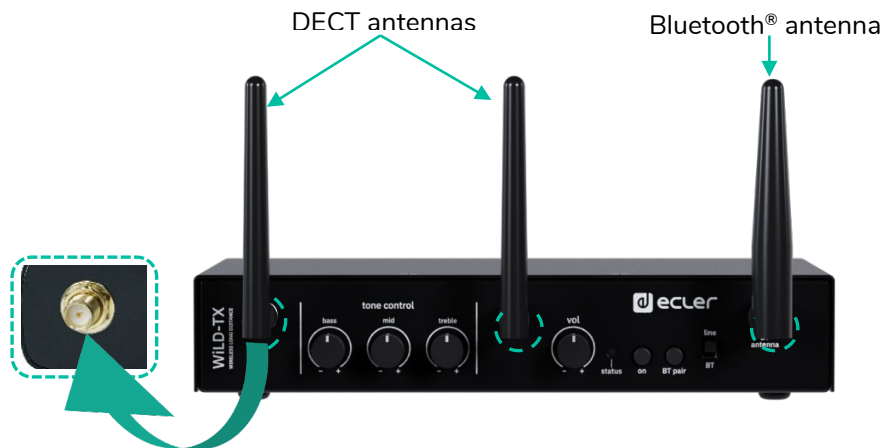
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6.3 WiLD-TX Transmitter

A WiLD-TX transmitter unit is necessary to control and feed with wireless audio a WiLD network of WiLD-14, and WiLD-SB18 receivers, up to a maximum of 32 units.

6.3.1 Antennas Assembly

Mount the 3 supplied antennas:



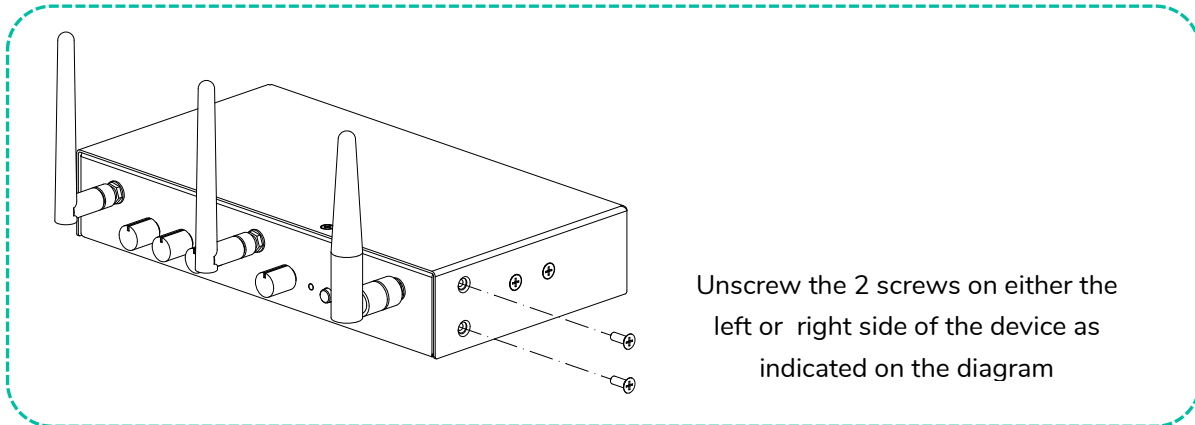
The WiLD-TX unit is suitable for installation on a wall or under a surface (table, shelf, cupboard, etc.), thanks to its design and layout of its connectors, controls and LED indicator lights. As it is a wireless transmitter device, it is very important to carefully study and decide the physical location of the transmitter and the receiver units in the venue.

! Since the device features a heat generator, it should not be enclosed or exposed to extreme temperatures.

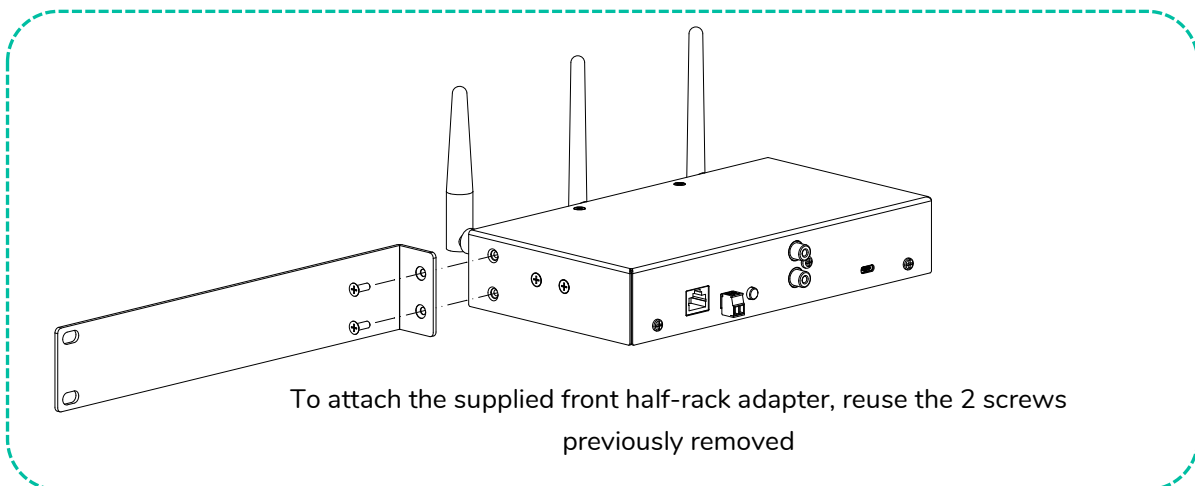
6.3.2 Half Rack Adapter Assembly

WiLD-TX includes a half rack front adapter which allows half-rack width media devices, such as WiLD-TX, to be installed in a standard 19" rack, taking up 1U width and 1U height.

1



2



! If multiple units are installed in the same rack or in a cabinet with closed doors, it is highly recommended to install fans in their upper and lower ends for a forced air flow from the bottom up. This upward air flow will favour the dissipation of heat generated inside.



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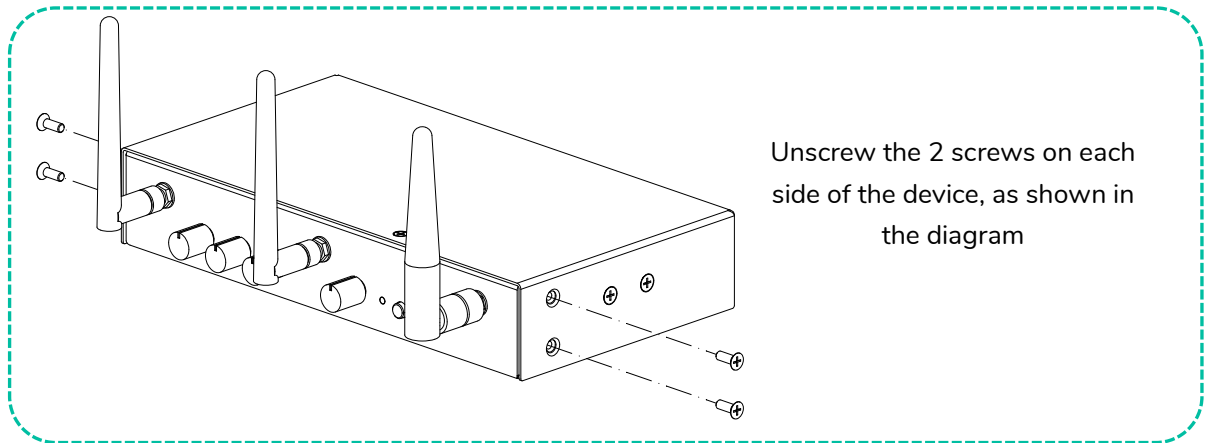
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6.3.3 Ears Mounting

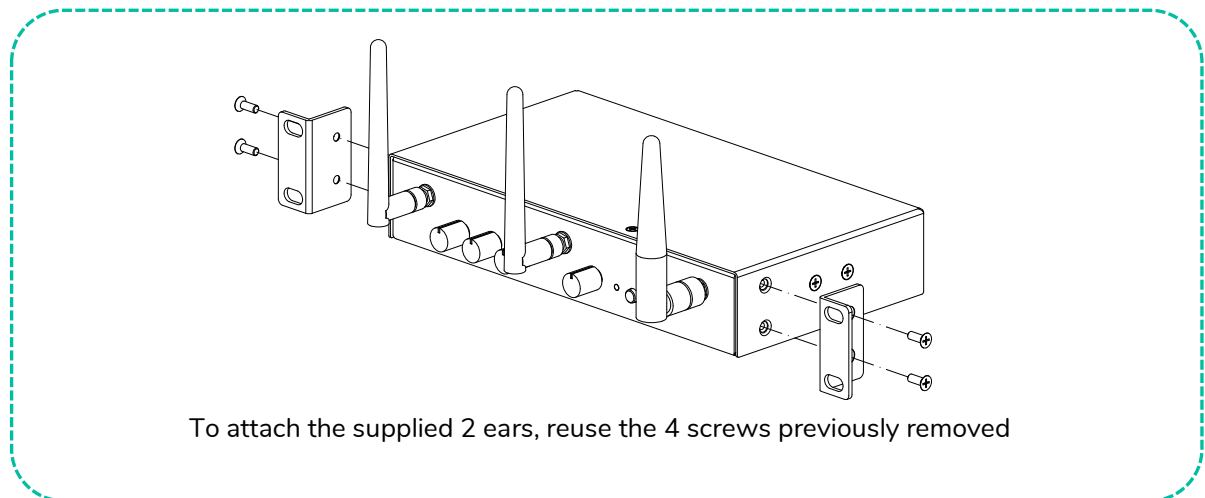
WiLD-TX includes 2 ears.

6.3.3.1 Mounting the ears on the front square

1



2



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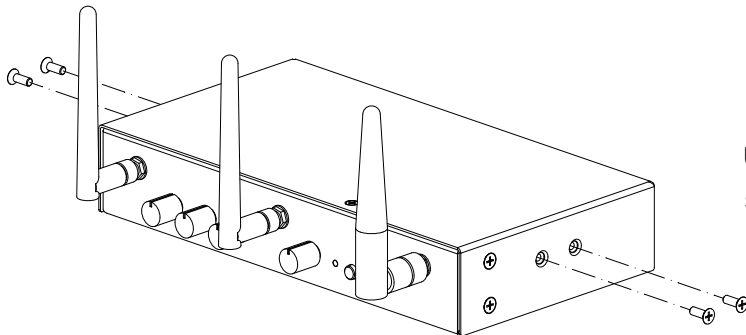
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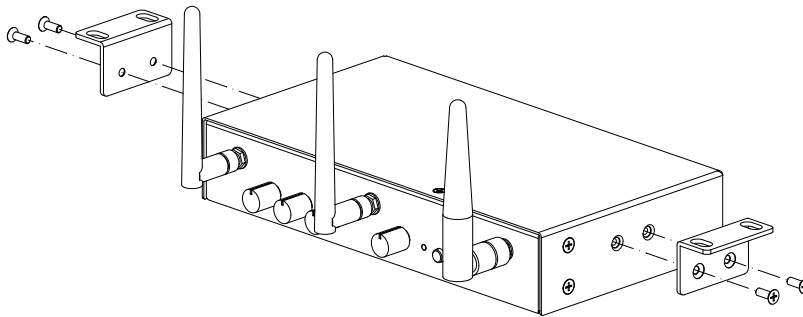
6.3.3.2 Mounting the ears on the top square

1



Unscrew the 2 screws on each side of the device, as shown in the diagram

2



To attach the supplied 2 ears, reuse the 4 screws previously removed



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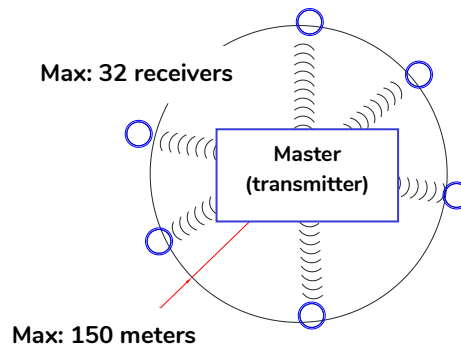
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6.3.4 Location

Please, follow the following guidelines to decide a location for the WiLD-TX unit that can get the best of a WiLD system in any venue:

- Maximum recommended installation height is 2 m.
- Take into consideration that the maximum RF operating scope from the WiLD-TX unit to any receiver unit (WiLD-14, WiLD-SB18) is 150 meters, with direct line of sight. This distance or shorter, with no obstacles in between both units, is required to try to ensure the maximum connection quality and stability possible.
- To get the maximum coverage area in a certain space, the location of the transmitter unit (or Master unit) should be, ideally, as much centred as possible in respect to the receivers' network.

Example: the transmitter is at the centre of a perimeter disposition of receivers.



Once decided its location, the WiLD-TX transmitter must be fed with up to 2 audio inputs:

1. **INPUT 1:** stereo unbalanced, 2xRCA connectors (rear panel)
2. **INPUT 2:** stereo, received via Bluetooth®, class 1 / up to 25 metre range (front panel antenna).



Once all the connections are made, connect the external power supply included to the DC IN terminal on the rear panel to power up the unit and start the WiLD setup process.



7. PAIRING & STARTING UP

When a WiLD-TX transmitter is powered up for the very first time (or after a Factory Defaults reset has been applied to it), it will show the status LED blinking slowly.

This LED code means that the WiLD-TX unit is not paired to any WiLD-14 or WiLD-SB18 receiver unit, and it will be ready to be paired to a network of receivers.

Press the WiLD PAIR button on the rear panel to pair the transmitter with WiLD-14, and/or WiLD-SB18 receivers; up to a maximum of 32 units.

The pairing process is as follows:

1. Briefly press the WiLD PAIR button located on the rear panel of the transmitter unit (WiLD-TX).



2. The discovery process, or scan for available receivers, will begin. The status LED indicator will blink slowly during this time, which may take several seconds to complete. Once the receivers have been paired with the WiLD-TX, press the WiLD PAIR button on the rear panel again to stop the pairing mode.
3. Briefly press the WiLD PAIR button located on the rear panel of the receiver units (WiLD-14 and/or WiLD-SB18).




4. The discovery process, or scan for available transmitters, will begin. The status LED indicator will blink slowly during this time, which may take several seconds to complete.

5. Once the process is complete and the network connections have stabilized, the status LED will remain permanently lit without blinking. This indicates that a valid pairing process has been successfully performed, establishing a solid WiLD network between the transmitter and up to 32 receivers.

Once the pairing process is complete and successful, the system is ready for use:

- Move the input switch to select which audio source, from the 2 inputs available, will be the selected one to be sent and played by the receivers' network.
- Gesture the VOLUME knob to adjust the Master (general) volume of the installation.
- Gesture the TONE CONTROL knobs to adjust the equalization of the installation.

 **The Bluetooth® audio input needs a standard Bluetooth® pairing process from the audio player (smartphone, tablet, computer, etc.) to the WiLD-TX transmitter. [For further details, see Bluetooth® Pairing Procedure section.](#)**

7.1 Extended Information about the WiLD Pairing Procedure


The WiLD pairing procedure must be necessarily performed at least once to setup a WiLD system, after the transmitter and all the receivers have been physically installed and powered, and it is time to set up and run the installation.

It is always possible to pair them again later as many times as necessary for different reasons, such as following cases:

- One or more WiLD-14 / WiLD-SB18 receivers have been added to the initial batch.
- One or more receivers have been removed.
- One or more receivers have been replaced by other units.

The pairing procedure is accumulative. It means that:

- When the pairing procedure is done for the first time, it starts a discovery process, or scan for available receivers. Status LED indicator in WiLD-TX will blink during the time it takes to finish it, until WiLD PAIR button is pressed again to stop the discovery process.
- It ends up with an internal list in the transmitter containing the successfully paired receivers.
- When performed over again (for the second, third time, or further) it scans to find additional available (new, unpaired) receivers with WiLD PAIR mode activated. The internal list is then updated to include the newly paired receivers.

 **It is recommended to make the pairing with receivers close to the transmitter. Once the receiver has been pair to the transmitter it can be taken to the place it must be installed.**

7.2 Bluetooth® Pairing Procedure

The Bluetooth® pairing procedure must be necessarily performed at least once to setup a WiLD system. This should be done after the transmitter and all the receivers have been physically installed and powered, and it is time to set up and run the installation

To pair the Bluetooth® device, follow these steps:

1. Short Press the button “BT pair” in the front panel of the WiLD-TX.
2. In the Bluetooth configuration of your smart telephone or PC look for the device with name as “Wild-Tx XXXX” where “XXXX” will be a combination of letters and numbers.
3. Select the WiLD-TX device in your Bluetooth configuration and accept the request.
4. Now the WiLD-TX device is paired to your Bluetooth device and ready to transmit audio.



Once there is one device paired to the WiLD-TX Bluetooth, no other devices will be able to be paired until “BT pair” button is pressed.



To reset the Bluetooth connection, hold the “BT pair” pairing button for more than 5 seconds.

8. LED INDICATORS

8.1 WiLD-TX



The front panel LED provides information about the working status of the unit and the currently selected source, as indicated below:

Status LED		Transmitter Status
Green colour	Slow Blinking	The unit is not paired with any WiLD-14 or WiLD-SB18 receiver, it is not connected to any WLID system.
	Fast Blinking	The unit is in WiLD pair mode, and it is available to be paired to a WiLD-14 or WiLD-SB18 receivers, up to a maximum of 32 of them.
	Fixed	The unit is connected to a WiLD-14 and/or WiLD-SB18 receivers.
Red colour	Slow Blinking	The unit is booting.
	Slow Blinking	The unit is currently undergoing a firmware upgrade.



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8.2 WiLD-14



The WiLD-14 receiver has one LED indicator on the rear panel which provides information about the working status, as indicated below:

Status LED		Receiver Status
Green colour	OFF	The unit is power off
	Slow Blinking	The unit is not paired with a WiLD-TX transmitter, it is not connected to any WiLD system.
	Fast Blinking	The unit is in WiLD pair mode, and it is available to be paired to a WiLD-TX transmitter.
		The unit is currently undergoing a firmware upgrade.
	Fixed	The unit is connected to a WiLD-TX transmitter.

8.3 WiLD-SB18



1. The WiLD-SB18 receiver has one LED indicator on the rear panel which provides information about the working status, as indicated below:

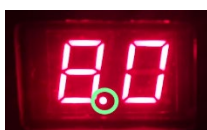
Status LED		Receiver Status
Green colour	OFF	The unit is power off
	Slow Blinking	The unit is not paired with a WiLD-TX transmitter, it is not connected to any WiLD system.
	Fast Blinking	The unit is in WiLD pair mode, and it is available to be paired to a WiLD-TX transmitter
		The unit is currently undergoing a firmware upgrade.
	Fixed	The unit is connected to a WiLD-TX transmitter.

2. In addition, the WiLD-SB18 receiver features a LED Display on the rear panel that provides detailed information about its operational status, as indicated below:

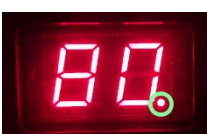
LED Display		Receiver Status
00-99		Volume level. Adjustable from 00 to 99 with +/- buttons
LP		Low Pass Filter Selection Menu. To enter this menu, press and hold the '+/-' buttons for 3 seconds. To exit, press “WiLD pair” buttons once the selection has been made.
	-4	40 Hz
	-6	60 Hz
	-8	80 Hz
	10	100 Hz
	12	120 Hz
	15	150 Hz
	20	200 Hz
	25	250 Hz
	FL	Full Range
SB		Auto StandBy Selection Menu. To enter this menu, press and hold the '+/-' buttons for 10 seconds. To exit, press “WiLD pair” buttons once the selection has been made.
	20	The unit is turned off after 20 minutes of no signal.
	1H	The unit is turned off after 1 hour of no signal.
	4H	The unit is turned off after 4 hours of no signal.
	On	The unit will always remain turn on.



To change between WiLD pair wireless audio transmission and Line In, press and hold the “+” button for 4 seconds. The dot between the 2 numbers of the volume level indicates WiLD audio transmission input is selected. The Dot in the right indicates Line In audio input is selected.



WiLD audio transmission Input



Line In audio Input



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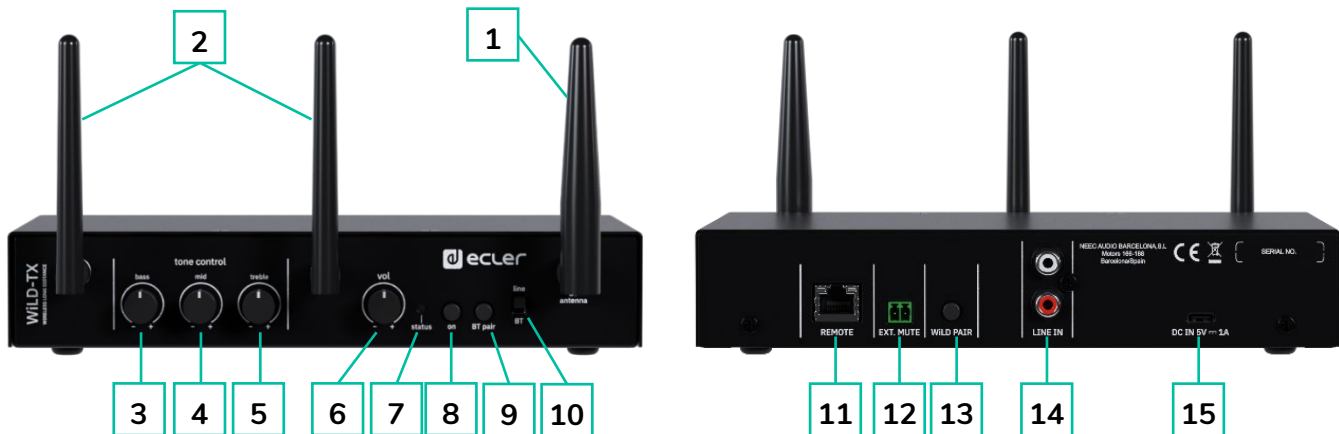
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9. PANEL FUNCTIONS

9.1 WiLD-TX



- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Bluetooth® RX antenna. 2. DECT (Digital Enhanced Cordless Telecommunications) antennas. 3. BASS, Bass control. 4. MID, Midrange control. 5. TREBLE, Treble control. 6. VOL, Output main volume control 7. Status LED indicator, ON/PAIRING/STBY. 8. ON, Mains switch power. | <ol style="list-style-type: none"> 9. BT PAIR, Bluetooth® Pair button. Short press to enter pairing mode 10. Input switch LINE/BT (Bluetooth®) 11. REMOTE, Remote vol port (only for WPaVOL). 12. EXT. MUTE, Screwable terminal for remote mute. 13. WiLD PAIR button. 14. Line Input. 15. USB-C port (Power supply & Firmware update - by qualified technical staff only-). |
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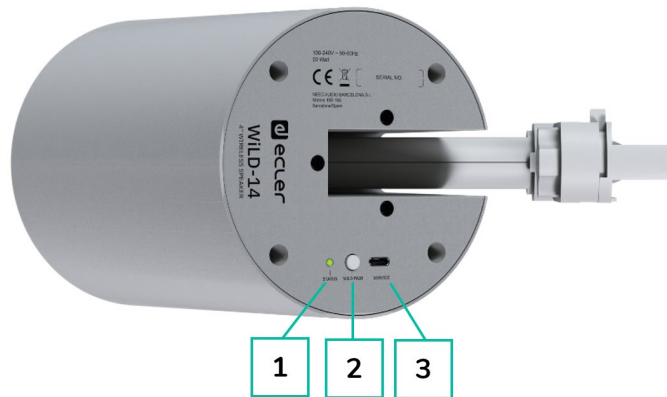
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9.2 WiLD-14



1. **STATUS LED indicator**, ON/PAIRING.
2. **WiLD PAIR button**.
3. **SERVICE**, USB-C port (Only Firmware update - by qualified technical staff only-)

9.3 WiLD-SB18



- | | |
|---|--|
| <ol style="list-style-type: none"> 1. POWER, Mains switch. 2. Mains socket. 3. Line input. 4. WiLD Pair button. 5. Status LED indicator, ON/PAIRING/STBY. | <ol style="list-style-type: none"> 6. SERVICE, USB-C port (Only Firmware update - by qualified technical staff only-). 7. LED Display (Volume, Low Pass Filter, Auto Standby). |
|---|--|

10. TECHNICAL DATA

10.1 Technical Specifications

10.1.1 WiLD-TX

WiLD-TX

WiS (RF Wireless Digital Audio)		
Frequency band	1880 - 1930MHz,EU DECT, US DECT	
Coverage range	Up to 150m from a TX to any paired RX, direct line of sight	
Audio channels	1 stereo audio ch received from the WiLD-TX network	
Audio transmission	16 bit uncompressed, 48kHz SR	
Digital Audio Sample size	16bit	
Digital Audio Sampling rate	48kHz	
Digital Audio Frequency Response	10Hz – 15kHz (-1dB)	
Digital Audio converters	ADC Resolution: 24 bits Dynamic range ADC: 96 dB	
Latency	From TX Analog Audio IN to RX Speaker <26ms	
Analogue Audio Inputs		
Number of inputs	1	
Connection type	2 xRCA unbalanced	
Input sensitivity	-10dBV to 0dBV	
Input impedance	>20kΩ	
Max input level	+6.021dBV	
THD + Noise	<1% (1kHz)	
Bluetooth Audio Input		
Class	Compliant 5.3, Class 2&3	
Range	25m (ideal conditions)	
Profiles	A2DP1.3.2/AVRCP1.6.2	
Supported codecs	SBC	
Control Connectivity		
USB	Power supply and Service & firmware updates	
Analogue remote control	Compatible with WPa series analogue volume control panels	
External MUTE	Normally Open	
Electrical		
Power supply	External, universal Power Supply	
AC mains requirement	100-240 VAC @ 50-60Hz, using supplied DC adapter	
AC mains connector	5VDC IN mains USB-C	
Power consumption	1A at 5V	
Monitoring and Control		
Paring control	Back panel button	
Source selection	Front panel switch	
Volume control	Front panel knob	
Tone control	Front panel knob	
MUTE control	GPI	
LED Indicators	Status	
Auto standby time	1200 seg	
Auto standby threshold	20 dB	



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Physical	
Installation options	1 Rack U, Wall or under a surface (table, shelf, cupboard, etc.)
Enclosure material	Metal
Mounting system	Surface & Rack ears
Operating temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
Operating humidity	<85% HR
Storage temperature	Min: -10°C ; 14°F Max: 50°C ; 122°F
Storage humidity	<90% HR
Included accessories	1x External universal Power Supply, 2x DECT antennas, 1x BT Antenna, 1 x Half Rack Front Adapter, 2x Mounting ears, 1x Wall-mount. bracket, 1x Euroblock connector (mute).
Optional accessories	WPaVOL for volume control
Finished colour	Black (RAL 9005)
Dimensions (WxHxD)	217 x 44 x 117 mm / 8.54 x 1.73 x 4.61 in. 217 x 111 x 117 mm / 8.54 x 4.37 x 4.61 in. (including antennas)
Weight	0.9 kg / 1.98 lb
Pieces per box	1 unit
Shipping dimensions (WxHxD)	300 x 60 x 240 mm / 11.81 x 2.36 x 9.45 in.
Shipping weight	1.5 kg / 3.31 lb

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10.1.2 WiLD-14

WiLD-14

WiS (RF Wireless Digital Audio)		
Frequency band	1880 - 1930MHz,EU DECT, US DECT	
Coverage range	Up to 150m from a TX to any paired RX, direct line of sight	
Audio channels	1 stereo audio ch received from the WiLD-TX network	
Audio transmission	16 bit uncompressed, 48kHz SR	
Digital Audio Sample size	16bit	
Digital Audio Sampling rate	48kHz	
Digital Audio Frequency Response	10Hz – 15kHz (-1dB)	
Digital Audio converters	ADC Resolution: 24 bits Dynamic range ADC: 96 dB	
Latency	From TX Analog Audio IN to RX Speaker <26ms	
Pairing time	Up to 60s	
System		
Effective Freq. Range ¹	63Hz-20kHz (-10dB)	
Coverage angle ²	320°	
Sensitivity ³	86 dB (1W/1m)	
Maximum SPL ⁴	102 dB continuous / 108 dB peak	
Transducers		
Ways	2 ways	
Low frequency driver	4" woofer	
High frequency driver	0.75" tweeter	
Nominal impedance	4Ω	
Powered		
Power	40 W RMS / 160 W Peak	
Audio inputs	Wireless Audio: Digital, Mono	
Audio outputs	Internal Loudspeaker: Analogue, Mono, Self powered	
THD + Noise	<1% @1kHz Full power	
Signal Noise Ratio	>90.5dB @30W RMS	
Input sensitivity	0dBV / 10kΩ	
Electrical		
Power supply	Universal, internal power supply	
AC mains requirement	100-240VAC @ 50-60Hz	
AC mains connector	From lighting rail bracket	
Power consumption	50W	
Power consumption standby	<2W	
Monitoring and Control		
Other controls	PAIR / UNPAIR: via Panel button	
LED Indicators	Status	
Communication interfaces	USB-C Service & firmware updates	
Physical		
Connection type	Ceiling rail AC connection	
Installation options	Ceiling light rails, or suface using TUBE SMA	
Enclosure material	ABS	
Grille material	Metal	
Mounting system	Lighting rail mount compatible	
Pan and tilt wall-mount	Swivel (pan and tilt)	
Rail fixing system	4 wire 3 circuit track system compatible	
Compatible rail systems	Global Trac Pro or compatibles	



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Operating temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
Operating humidity	<85% HR
Storage temperature	Min: -10°C ; 14°F Max: 50°C ; 122°F
Storage humidity	<90% HR
Included accessories	Lighting rail mount
Optional accessories	Surface mount accessory (TUBE SMA)
Finished colour	White (RAL 9003) or black (RAL 9005)
Dimensions (ØxD)	128.6 x 205.3 mm / 5.06 x 8.08 in.
Weight	1.5 kg / 3.3 lb
Pieces per box	1 unit
Shipping dimensions (WxHxD)	385 x 178 x 165 mm / 15.16 x 7.01 x 6.50 in.
Shipping weight	2.2 kg / 4.85 lb

¹10dB below the sound pressure level at specified sensitivity

²6dB below the sound pressure level than that at the direction of maximum level. Max. angle between 1 kHz and 4 kHz.

³Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.

⁴Calculated from sensitivity and power handling specifications, exclusive of power compression

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10.1.3 WiLD-SB18

WiLD-SB18

WiS (RF Wireless Digital Audio)	
Frequency band	1880 - 1930MHz,EU DECT, US DECT
Coverage range	Up to 150m from a TX to any paired RX, direct line of sight
Audio channels	1 stereo audio ch received from the WiLD-TX network
Audio transmission	16 bit uncompressed, 48kHz SR
Digital Audio Sample size	16bit
Digital Audio Sampling rate	48kHz
Digital Audio Frequency Response	10Hz – 15kHz (-1dB)
Digital Audio converters	ADC Resolution: 24 bits Dynamic range ADC: 96 dB
Latency	From TX Analog Audio IN to RX Speaker <26ms
Pairing time	Up to 60s
System	
Effective Freq. Range ¹	57Hz-693Hz (-10dB)
Sensitivity ²	92 dB (1W/1m)
Maximum SPL ³	112 dB continuous / 118 dB peak
Transducers	
Ways	1-way full range
Driver	8" woofer
Nominal impedance	4Ω
Powered	
Power	100W RMS / 150W peak
Audio inputs	Wireless Audio: Digital, Mono Line in: ST unbalanced 3-pin Euroblock
Audio outputs	Internal Loudspeaker: Analog, Mono, Self powered
THD + Noise	<1% @1Hz Full power
Signal Noise Ratio	>110dB @100W RMS
Input sensitivity	-8dBV / 10kΩ (wireless Audio) -15 dBV / 10kΩ (line in)
Electrical	
Power supply	Universal, internal power supply
AC mains requirement	100-240VAC @ 50-60Hz
AC mains connector	standard 2-pin AC plug
Power consumption	150W
Power consumption standby	< 2W
Ventilation	Convection cooled
Monitoring and Control	
Volume control	Led display, +/- volume buttons
Other controls	PAIR: via WiLD button LP Filter: via volume buttons StandBy: via volume buttons
LED Indicators	Status
Auto standby time	20min, 1H, 4H, On
Auto standby threshold	>50 dB
Physical	
Installation options	Floor, Wall-mount brackets
Enclosure material	MDF
Mounting system	Metal brackets

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Operating temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
Operating humidity	<85% HR
Storage temperature	Min: -10°C ; 14°F Max: 50°C ; 122°F
Storage humidity	<90% HR
Included accessories	1x EU AC voltage cord (3x1-1,5m) , 1 UK AC voltage cord (3x1-1,5m), 4x wall screws, 4x wall plugs, 2x Wall-mount brackets, 12x screws.
Finished colour	Black (RAL 9005)
Dimensions (WxHxD)	450 x 193 x 360 mm / 17.72 x 7.60 x 14.17 in.
Weight	9.1 kg / 20.06 lb
Pieces per box	1 unit
Shipping dimensions (WxHxD)	550 x 382 x 460 mm / 21.65 x 15.04 x 18.11 in.
Shipping weight	11.5 kg / 25.35 lb

¹10dB below the sound pressure level at specified sensitivity.

² Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 1 kHz.

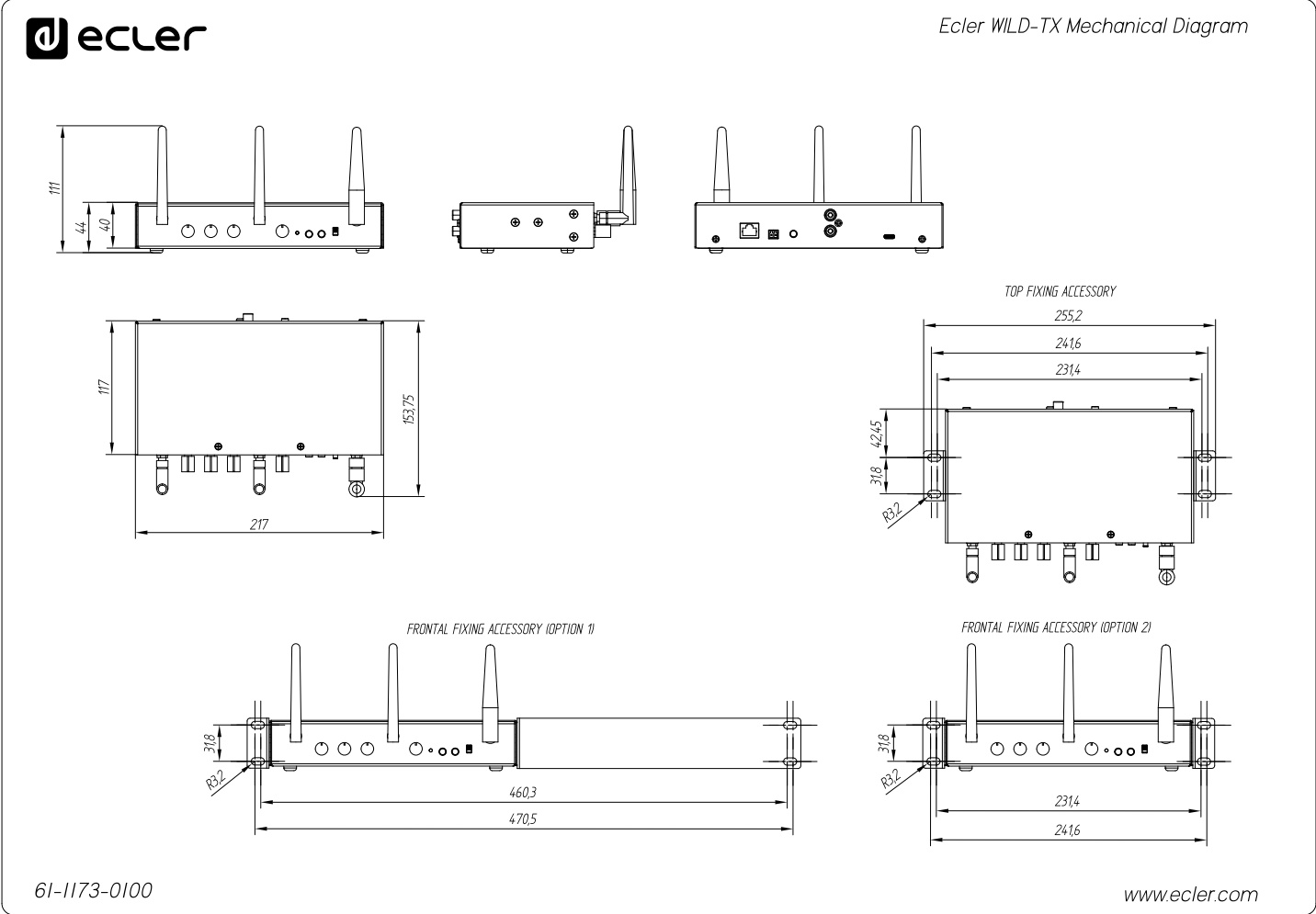
³ Calculated from sensitivity and power handling specifications, exclusive of power compression.

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10.2 Mechanical Diagram

10.2.1 WiLD-TX

All measurements are in mm.

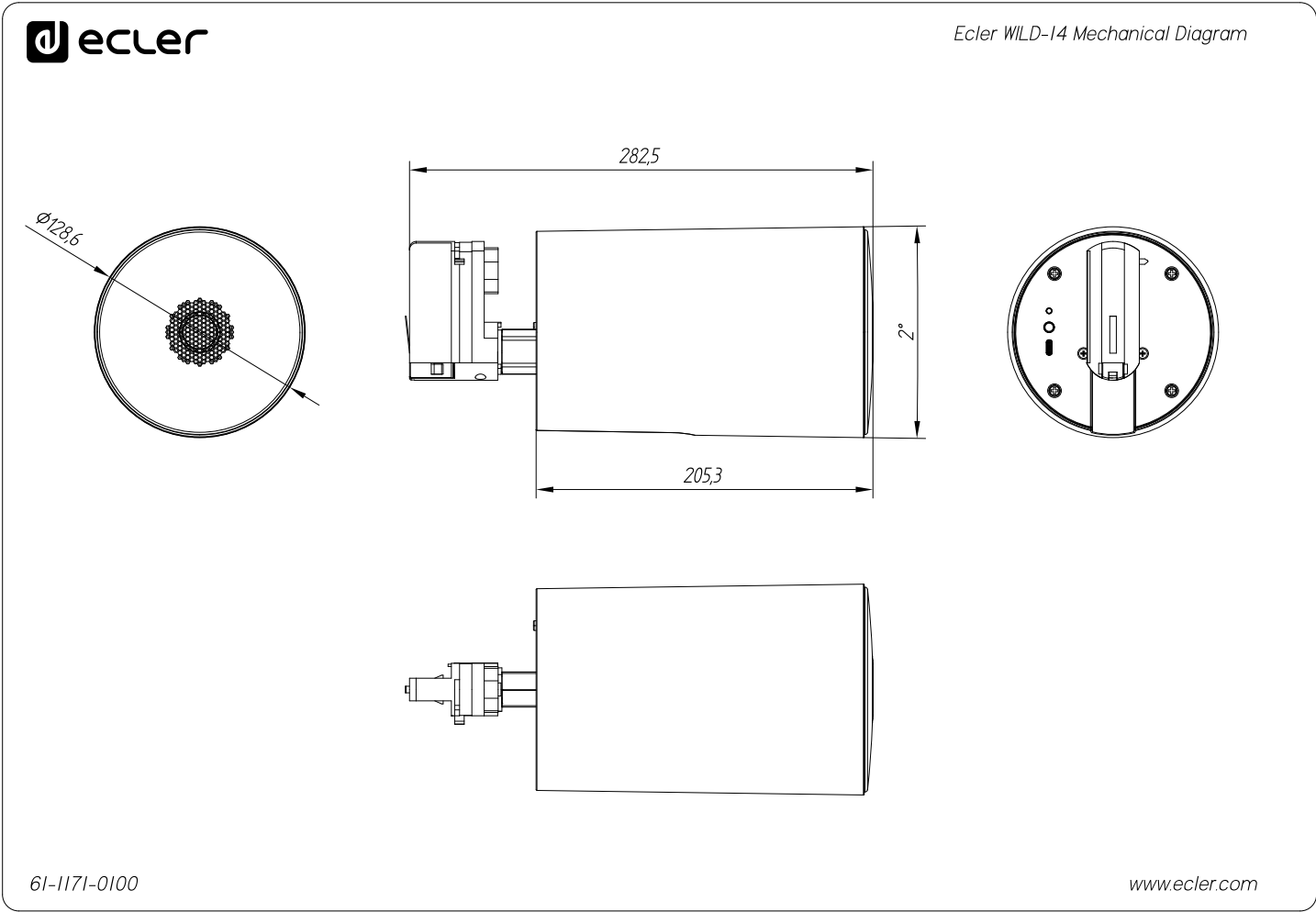


All the measurements are in mm


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10.2.2 WiLD-14

All measurements are in mm.



All the measurements are in mm

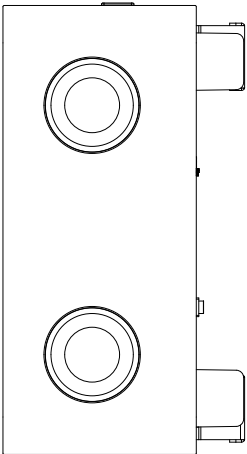
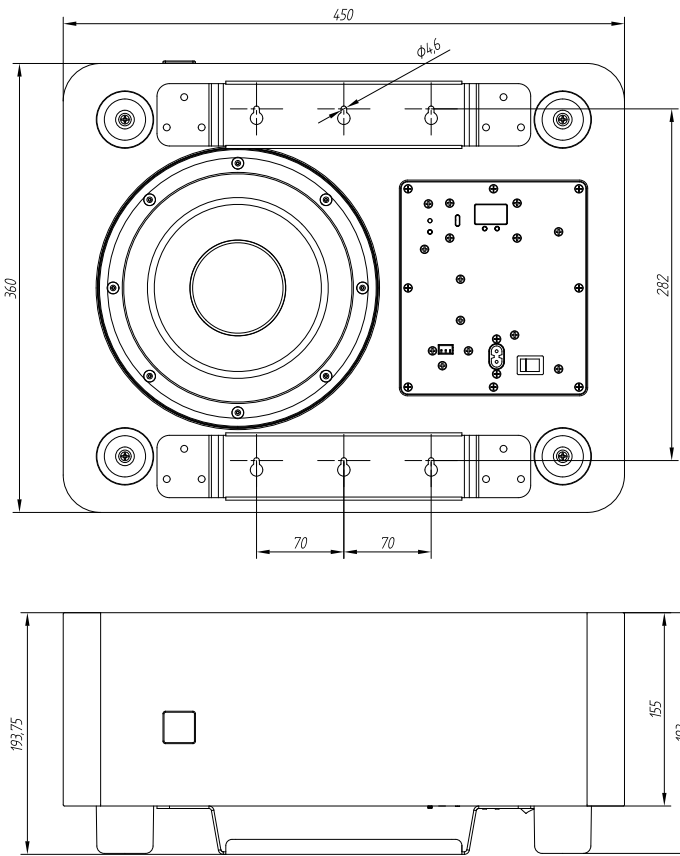
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10.2.3 WiLD-SB18

All measurements are in mm.



Ecler WILD-SB18 Mechanical Diagram



All the measurements are in mm.

6I-1172-0100

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All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

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Motors, 166-168 | 08038 Barcelona, Spain | Tel. (+34) 932238403 | information@ecler.com | www.ecler.com