

# WiLD-TX

## WIRELESS PRO AUDIO

### WiLD Series Audio Transmitter Master unit



## PRODUCT OVERVIEW

**WiLD-TX** is a transmitter device that communicates with all the receiver devices to create a WiLD wireless network. WiLD is the ultimate long-distance wireless audio solution. 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!

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.

## KEY 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.

## APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate
- Sport & Wellness

## ACCESSORIES AND COMPATIBLE DEVICES

- WiLD-14



- WiLD-SB18



- WPaVOL



## TECHNICAL SPECIFICATIONS

## WiLD-TX

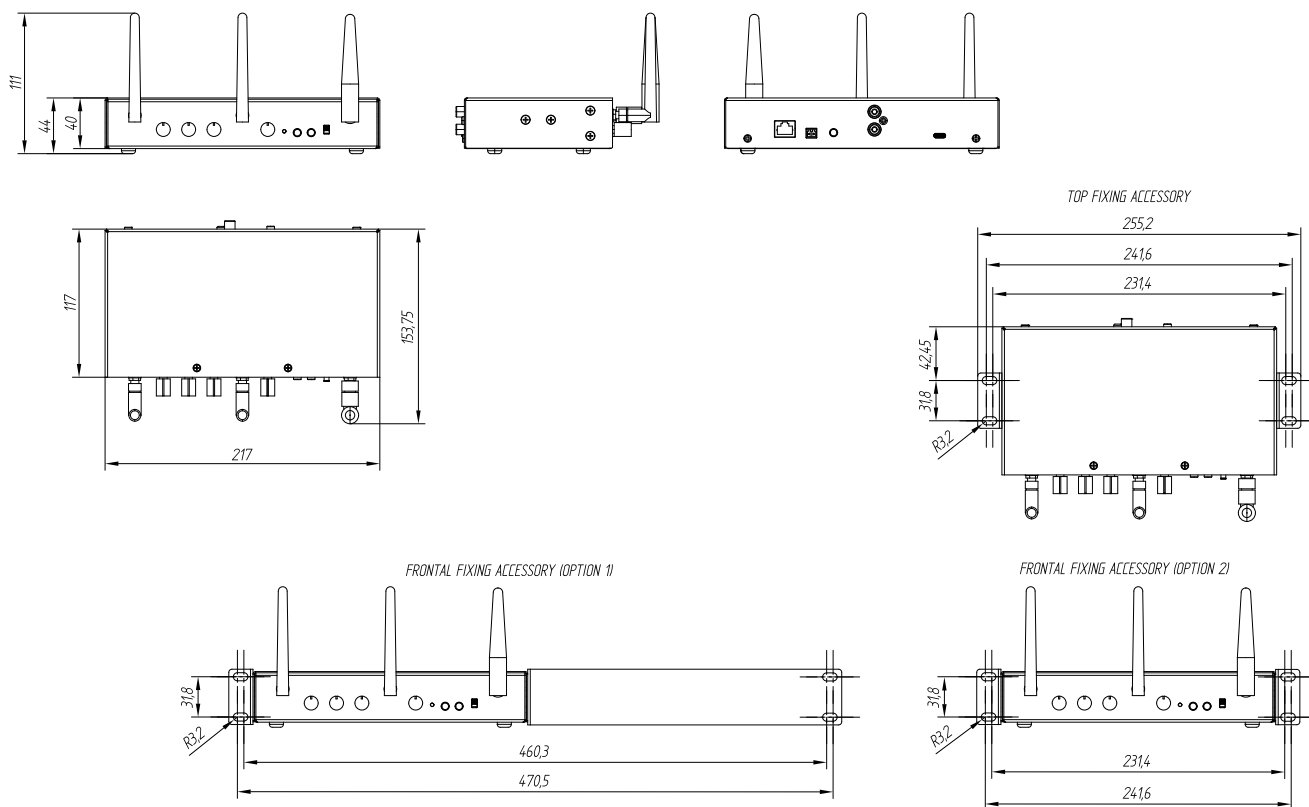
|                                  |  |  |
|----------------------------------|--|--|
| WiS (RF Wireless Digital Audio)  |  |  |
| Frequency band                   | 1880 - 1930MHz,EU DECT, US DECT                                  |  |
| Coverage range                   | Up to 150m from a TX to any 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<br>Dynamic range<br>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  |  |
| 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<br>Max: 40°C ; 104°F   |
| Operating humidity          | <85% HR  |
| Storage temperature         | Min: -10°C ; 14°F<br>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.<br>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   |

## MECHANICAL DIAGRAM



Ecler WILD-TX Mechanical Diagram



6I-1173-0100

www.ecler.com



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.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

Motors, 166-168 - 08038 Barcelona - Spain | Tel. (+34) 932238403 | [information@ecler.com](mailto:information@ecler.com) | [www.ecler.com](http://www.ecler.com)