Summitwave TX

Quick Start Guide

Multi-Channel Auracast™ Transmitter



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Contents

1 Contents of the box 3
2 Five steps to the first stream 4
3 Quick troubleshooting 5
4 Key specifications 6
5 Safe operation 7
6 Compliance and disposal 8
7 Contact 9

1 Contents of the box

Summitwave TX – transmitter

6-channel Auracast™ transmitter with Dante® and two analogue XLR inputs.

Power supply

Matching USB-C power supply, 15 W (5 V / 3 A).

2 Five steps to the first stream

1. **Connect the transmitter**

   Plug a network cable into the **PoE + AoIP + Config** port – this also powers the TX via PoE (IEEE 802.3af). Alternatively, connect the supplied 15 W power supply to USB-C. After switching on, wait about one minute.

2. **Open the web interface**

   The device's own address is on the label on the back, for example `swtx1xxx.local`. Open this address in Chrome, Firefox or Edge – the computer must be on the same network. Confirm the certificate warning under "Advanced". The default password in factory condition is `beacon`.

3. **Select the "Demo" audio mode**

   Under **Audio Mode**, select **Demo**. The TX then sends internal programme material or a 1 kHz test tone without any audio source connected. This is the quickest way to check that everything works.

4. **Start the broadcast**

   Enter a short name under **Channel Name**, such as "Main Hall", then click **Start Demo**. The status display shows "Streaming" and the blue LED on the TX lights up; **Audio level monitor** lets you check the level.

5. **Check reception**

   Select the stream name on a compatible Auracast™ receiver, for example the *Summitwave RX*, and start at a low volume.

From test tone to a real signal
To use your own audio, switch **Audio Mode** to **Analog** and connect a line source to one of the balanced XLR inputs. In a Dante® network, select **Network - Dante** and assign the channel under **Input Device**.

Change the password
Change the default password under **System Configuration** after your first sign-in.

3 Quick troubleshooting

SYMPTOM	
Web interface not reachable	Network cable, power supply, same network and the device's own `.local` address.
Stream not visible	Broadcast started, radio enabled, stream name and transmit power.
Stream without audio	Audio mode, Input Device, source and Audio level monitor.
Audio unstable	Distance, obstacles, clear antenna surface (front) and transmit power.
No Dante signal	Dante routing, selected input and network status.

Support
Email: support@summitwave.eu · Phone: +43 670 6020 690

4 Key specifications

FEATURE	
Radio standard	Bluetooth LE Audio (Core 6.0)
Auracast™	Broadcast transmitter · up to 6 simultaneous streams
Frequency range	2400–2482 MHz
Transmit power	max. +10 dBm
Codec	LC3 · 16/24/48 kHz · 16 bit
Encryption	AES-CCM · password per stream
Range	typically 100 m
Latency	typically 40 ms end-to-end
Analogue inputs	2 × balanced XLR · line
Dante®	6 channels · additional latency ≤ 4 ms
Power	PoE (IEEE 802.3af) or USB-C 5 V (power supply ≥ 15 W)
Dimensions	134 × 134 × 50 mm · 300 g

The full specifications are in the *datasheet*.

5 Safe operation

- Operate only between **−10 °C and +40 °C**. Do not open the housing.
- Set up on a stable surface with sufficient air circulation, and use only undamaged network and audio cables.
- Immediately take the device or cables out of service if they show visible damage, deformation or unusual heating.

6 Compliance and disposal

Manufacturer: Summitwave FlexCo, Hinterwaldner Strasse 16a, AT-6020 Innsbruck, Austria.

SW TX6DT – radio equipment. Operating frequency 2400–2482 MHz, maximum transmit power +10 dBm. Compliance: CE (RED), EN 62368-1, EN 55032, EN 55035, RoHS, REACH, WEEE.

Disposal: Waste electrical and electronic equipment must not be disposed of with household waste.

7 Contact

Write to support@summitwave.eu or call +43 670 6020 690. Detailed instructions are in the *User Manual*.

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