Summitwave TX

Multi-Channel Auracast™ Transmitter

The **Summitwave TX** is a professional multi-channel Auracast transmitter designed for permanent installations and live events. It delivers up to six simultaneous Auracast streams, combining robust analog audio inputs with seamless network-audio integration and an intuitive web-based interface.



Summitwave TX · I/O panel

Key Features

- Up to **6 simultaneous** Auracast streams per device
- 2× balanced XLR line inputs
- Web GUI for easy setup and real-time monitoring
- Audio over IP via Dante®
- Powered via PoE or USB-C
- Engineered and supported in Austria

Typical Applications

- Theatres, cinemas and multipurpose halls
- Houses of worship
- Universities, lecture halls and seminar rooms

BLE / AURACAST

Radio Standard	Bluetooth LE Audio (Core 6.0)
Auracast Mode	Broadcast Transmitter
Number of Auracast Streams	Up to 6 parallel streams
Frequency Range	2400–2482 MHz
Codec	LC3
Sample Rate	16 / 24 / 48 kHz
Bit Depth	16 bit
Transmit Power	+10 dBm
Encryption	AES-CCM · access code per stream
Typical Range	100 m
Latency	typ. 40 ms (end-to-end)

ANALOGUE AUDIO INPUTS

Analog Inputs	2 × balanced XLR · Line
Audio Mode	2× Mono · Mono sum · 1× Stereo (L/R)
Nominal Line Level	+4 dBu
SNR (Line Signal Path)	≥ 105 dB
THD+N (Line at 0 dBu)	≤ 0.05 %
Sample Rate	48 kHz (24 bit internal)
Frequency Response (48 kHz)	20 Hz – 20 kHz (±1 dB)

DANTE / NETWORK AUDIO

AoIP Format	Dante
Channels	6
Port Speed	100 Mbit/s
Additional Latency (AoIP Path)	≤ 4 ms (Dante)

NETWORK & MANAGEMENT

Ethernet Ports	2 × RJ45
Ethernet Port 1	LAN configuration & monitoring
Ethernet Port 2	LAN configuration + Dante · PoE (IEEE 802.3af)
IP Addressing	DHCP · static IP · link-local
Management Interface	Web interface (HTTP/HTTPS)
Security (Control)	Password-protected web interface

POWER SUPPLY

PoE	IEEE 802.3af (PoE)
Alternative Supply	USB-C 5 V · also for backup power
Recommended Power Supply	USB-C 15 W (5 V / 3 A)
Power Consumption	7 W max · 3 W nominal

MECHANICS & ENVIRONMENT

Dimensions (W×H×D)	134 × 134 × 50 mm
Weight	300 g
Housing Material	PETG
Colour	White or Black
Mounting	Wall / ceiling · 1/4″ female thread (e.g. Manfrotto Super Clamp) · mounting plate · cable ties
Operating Temperature	−10 °C to +40 °C
Storage Temperature	−40 °C to +70 °C

STANDARDS & COMPLIANCE

Radio Approvals	CE (RED)
Safety	EN 62368-1
EMC	EN 55032 · EN 55035
Environmental	RoHS · REACH · WEEE

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