

# StimmKlar

Lavalier Microphone



## DESCRIPTION

The StimmKlar Lavalier Microphone is a compact, high-performance dual-channel wireless microphone system designed to deliver crystal-clear audio in any environment. Perfect for vloggers, educators, interviewers, and content creators, it enables seamless and secure audio capture without the need for complicated setups or tangled cables.

Its intuitive plug-and-play design, built-in omnidirectional condenser mics, and advanced features like noise reduction and reverb effects make StimmKlar ideal for both casual and professional use. Simply connect it to your smartphone, camera, or PC via USB-C or 3.5mm jack, and you're ready to record or stream in seconds—no app downloads, no technical knowledge required.

All components come pre-paired and securely stored in an all-in-one charging case, providing convenience, portability, and extended battery life for all-day use.

### FEATURES

#### StimmKlar -Lavalier Microphone

- **Dual Channel System**

Comes with two transmitters and one receiver, supporting simultaneous dual-microphone input for interviews, dialogues, or multi-speaker recordings.

- **Built-in and External Mic Support**

Each transmitter includes a high-quality built-in mic and 3.5mm TRS port to connect lavaliers or other compatible microphones.

- **2.4GHz Secure Transmission**

Utilizes 2.4GHz digital transmission with 128-bit encryption to ensure secure and interference-free communication.

- **Long-Distance Operation**

Delivers clear signal up to 50 meters in open spaces, making it perfect for indoor or outdoor use.

- **Low Latency Performance**

Enjoy near-instant audio transmission with  $\leq 20\text{ms}$  delay, ideal for live broadcasting and real-time syncing.

- **Noise Reduction Functionality**

Switchable noise reduction filters out unwanted background noise to enhance voice clarity.

- **Reverb & Audio Effects**

Integrated reverb and DSP processing enable a professional-grade audio experience.

- **3-Stage Gain Control**

Adjust microphone sensitivity in three steps for optimal input levels in different recording scenarios.

- **Real-Time Monitoring**

Receiver includes 3.5mm output for in-ear monitoring and audio feed to cameras.

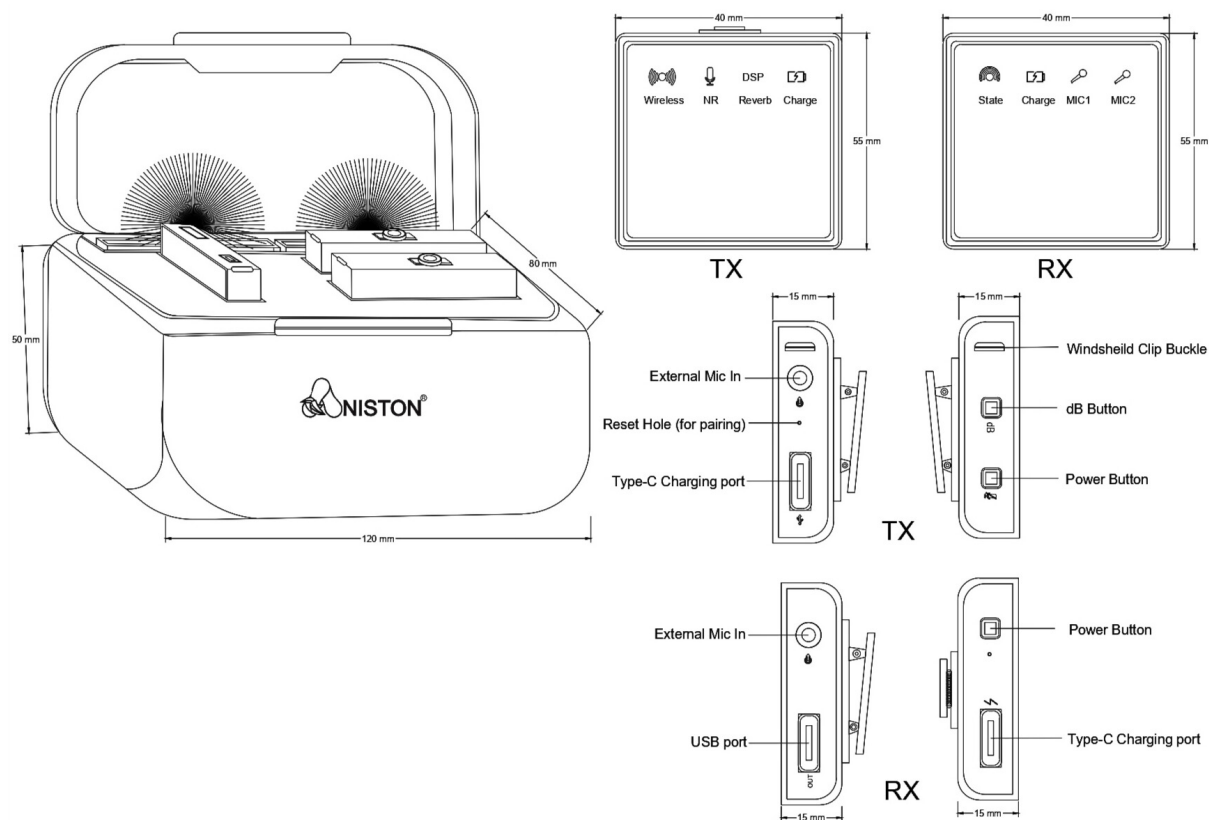
- **All-in-One Charging Case**

Pre-paired components are stored and charged in a single compact case, offering convenience and portability.

## TECHNICAL SPECIFICATIONS

Model	StimmKlar -Lavalier Microphone
Transmission Type	2.4GHz digital, 128-bit encrypted
Max Transmission Distance	≥50 meters (line of sight)
Sound Latency	≤20 milliseconds
Microphone Type	Omnidirectional condenser
External Mic Input	3.5mm TRS (dual external mic support)
Reverb Mode	Supported with toggle control
Noise Reduction (NR)	Supported (manual toggle)
Mute Function	Yes, soft mute/demute with LED feedback
Gain Control	3-stage pad cycling
Sampling Rate	48kHz°
Frequency Response	20Hz-20kHz
Sensitivity	-38dB ±3dB
Signal-to-Noise Ratio (SNR)	≥75dB
Working Current (TX)	≤25mA
Power-off Current (TX)	≤50µA
Transmitter Battery Capacity	250mAh (per unit)
Receiver Power Source	USB-C powered, supports passthrough charge
Charging Case Battery	Optional 2200mAh lithium battery
Charging Case Interface	USB-C (5V/1A input)
Operating Time	Up to 10 hours per charge
Charging Time	~1.5 hours (via case or USB-C)
Connection Status Indicators	Multi-color LED indicators
Receiver Output	3.5mm AUX & USB-C audio out
Monitoring Support	Ports: USB-C, USB-A 3.0, three USB-A 2.0
Firmware Upgrade Support	Yes, via USB-C
Mounting Option	360° rotatable magnetic clips
Wind Protection	Clip-on furry windshields included
Storage Solution	All-in-one case for charge, pair, and carry
Compatibility	IOS, Android, DSLR, PC
Working Temperature	-10°C to 45°C
Dimensions (L×W×H) Charging Case	120 mm × 80 mm × 50 mm
Dimensions (L×W×H) Rx and Tx	40 mm x 15 mm x 55 mm
Weight (Full Set)	Approx. 200 grams
Material	ABS + PC Plastic
Certification	CE, FCC, RoHS, BIS Certified.
Limited Warranty	3 years (optional extension to 5 years).

## PRODUCT DIMENSION



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