

B-11 PRO

2.4 GHZ WIRELESS SYSTEM FOR VIOLIN AND VIOLA

The NUX B-11 PRO Wireless System is a perfect fusion of advanced technology and refined elegance, designed specifically for violin and viola.

It frees you completely from the limitations of traditional wired pickups. Powered by NUX's advanced wireless technology, it delivers professional-grade 24-bit / 48 kHz high-quality audio transmission.

With an ultra-low latency of just 3.6 ms and a transmission range of up to 165 feet, you gain complete freedom of movement on stage—letting the music flow effortlessly.

B-11 PRO

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HIGHLIGHTS



AUTOMATIC PAIRING + INTELLIGENT FREQUENCY HOPPING

Simply power on the transmitter and receiver, and they will **automatically pair** within seconds.

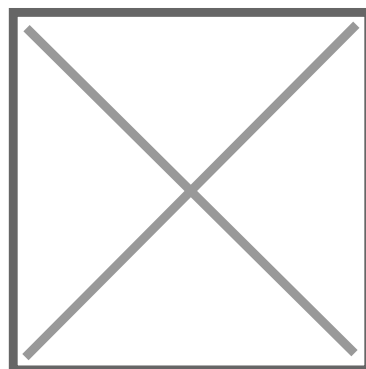
During operation, the system continuously scans the surrounding wireless environment. When interference is detected, it instantly switches to a cleaner channel, ensuring a **stable connection and clear, uninterrupted audio**.

LONGER RANGE, LOWER LATENCY

Powered by NUX's advanced 2.4 GHz wireless technology, the system delivers outstanding transmission performance and sound quality.

During use, the transmission mode can be adjusted between Low Latency and Stable according to the surrounding environment.

Latency can be as low as **3.6 ms**, with a transmission range of up to **50 meters**.



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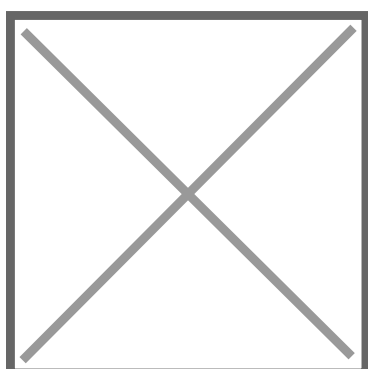
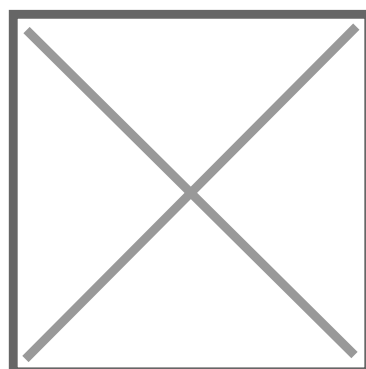
UPGRADED MICROPHONE ASSEMBLY

Equipped with a **cardioid condenser instrument microphone**, capturing a natural, full-bodied tone rich in detail.

A newly designed shock-absorbing structure significantly reduces vibration while further minimizing the size and weight of the microphone assembly—greatly enhancing the overall playing experience.

QUICK INSTALLATION, STABLE AND RELIABLE

Designed specifically for violin and viola, the transmitter features a magnetic design that allows quick attachment to the **transmitter mount** during performance breaks, or easy removal for charging. (The **transmitter mount** is fixed to the edge of the instrument body.)



HIGH-CAPACITY LITHIUM BATTERY + MAGNETIC CHARGING

Both the transmitter and receiver are equipped with high-capacity lithium batteries. A fully charged transmitter provides up to **6.5 hours** of operation. During breaks, the transmitter can be conveniently placed on top of the receiver for charging.

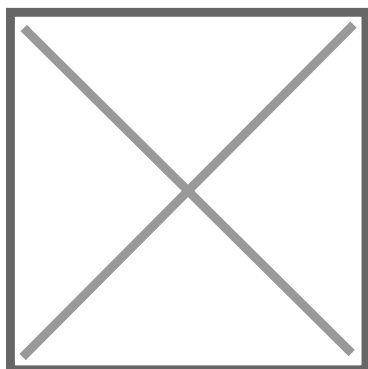
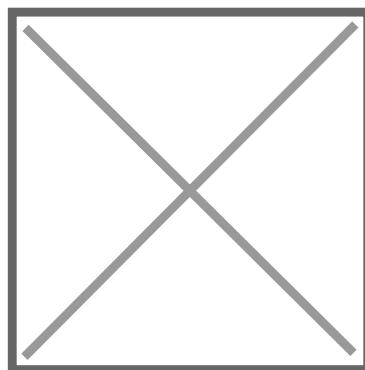
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BUILT-IN REVERB EFFECT

Features a professional-grade **built-in reverb** effect, activated with a single press of the button on the right side of the transmitter.

Detailed reverb parameters can be adjusted through the receiver's UI menu.



PROFESSIONALLY TUNED TONE PRESETS

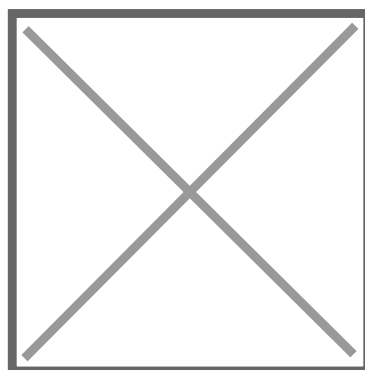
Includes multiple professionally **calibrated tone curves** optimized for violin and viola.

Presets cover **Classical, Modern, Warm, and Custom** styles, allowing instant switching with a single button.

MULTIPLE FOOTSWITCH FUNCTIONS

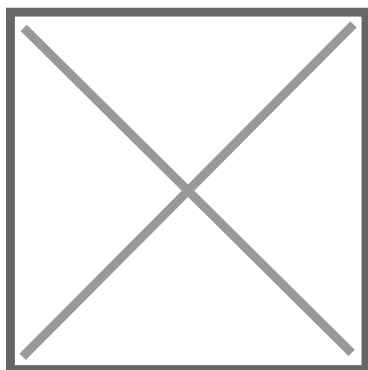
After configuration in the receiver's menu, different functions can be triggered via **short press or long press** of the footswitch.

Footswitch functions include: **Boost, Mute, Tuner, S/R Bypass, and Reverb, Instrument** unlocking endless production possibilities.



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USB AUDIO

You can connect the B-11 PRO to a mobile phone via the **USB-C** port for **digital audio recording**.

**Tip: Some mobile devices may require an OTG adapter to connect with the B-11 PRO.*

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PRODUCT DETAILS

KEY FEATURES

Professional-grade 24-bit / 48 kHz high-quality audio transmission with Low latency

Up to 50 meters of freedom

Long lasting battery life (TX up to 6.5 hrs / RX up to 11 hrs)

Wireless Frequency-hopping

Reverb and Boost effects

Send/Return circuit expands your possibilities

Mulpliple EQ

Built in tuner for violin and viola

Condenser instrument Microphone

SPECIFICATIONS

Microphone Type	Condenser
Polar Patterns	Cardioid
Microphone Sensitivity	-46 dB
Operating Frequency Band	2.4 GHz ISM (2.4 GHz–2.4835 GHz)
Transmission Power	< 10 mW EIRP
Operation Range	Up to 50 m
Latency	3.6 ms (Low Latency), 6.1 ms (Default), 9.9 ms (Stable)
Sampling Depth / Sampling Rate	24 bit/48 kHz

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Frequency Response	20 Hz–20 kHz
Maximum Audio Signal Output	6.4 dBV (SEND/OUTPUT)
THD+N	< 0.01% (Typical)
OUTPUT Dynamic Range	112 dBA (SEND/OUTPUT)
Battery Capacity	Transmitter (3.7 V/450 mAh), Receiver (3.7 V/3000 mAh)
Battery Life Time	Transmitter (Up to 6.5 hours), Receiver (Up to 11 hours)
Power Supply	DC 9 V, 1 A (not less than), positive outside, negative inside (receiver)
Transmitter Dimensions (without microphone)	44.6 mm (L) × 55.5 mm (W) × 18.1 mm (H)
Transmitter Weight (without microphone)	33 g
Receiver Dimensions	90.4 mm (L) × 115.3 mm (W) × 54.8 mm (H)
Receiver Weight	468 g