

TC Electronic P0CQF

TC Electronic SUB 'N' UP MINI OCTAVER User Manual

Model: P0CQF

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1. INTRODUCTION

The TC Electronic SUB 'N' UP MINI OCTAVER is a compact octaver pedal designed for guitarists and bassists seeking versatile octave effects in a small footprint. This pedal inherits the advanced polyphonic tracking engine and high-quality sound of its larger predecessor, the Sub 'N' Up Octaver. It offers both classic monophonic octaver tones and modern polyphonic octave effects, capable of accurately tracking individual notes within complex chords and harmonies.

Key features include:

- Next-generation octave processing engine for perfect polyphonic tracking.
- State-of-the-art polyphonic algorithm accurately detects complex chords and aggressive riffs.
- Ability to reproduce classic monophonic octaver effects.
- TonePrint app compatibility for loading and editing custom sounds.
- True bypass design ensures no impact on instrument tone when the effect is off.

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Official product demonstration video for the TC Electronic SUB 'N' UP MINI OCTAVER. This video showcases the pedal's sound capabilities and features in a performance setting.

2. SETUP

2.1 Unpacking

Carefully remove the SUB 'N' UP MINI OCTAVER from its packaging. Ensure all components, including the pedal and user manual, are present.

2.2 Power Connection

The pedal requires a 9V DC power supply (not included). Connect a compatible power adapter to the 9V DC input jack on the side of the pedal. Ensure the power supply meets the specified voltage and current requirements (9V DC, 100mA minimum, center negative).



Side view of the SUB 'N' UP MINI OCTAVER, highlighting the 9V DC power input and the mini USB port.

2.3 Audio Connections

Connect your instrument (guitar or bass) to the **INPUT** jack on the right side of the pedal using a standard 1/4-inch instrument cable. Connect the **OUTPUT** jack on the left side of the pedal to your amplifier or the next pedal in your signal chain using another 1/4-inch instrument cable.



Top-down angled view of the SUB 'N' UP MINI OCTAVER, showing the input and output jacks on the sides.

2.4 TonePrint App Connection

The SUB 'N' UP MINI OCTAVER is TonePrint enabled. You can connect the pedal to your smartphone via the TonePrint app (available for iOS and Android) to beam custom TonePrints or use the TonePrint Editor via USB connection to a computer for in-depth sound customization. For beaming, hold your smartphone's speaker close to your instrument's pickup while the app transmits the TonePrint data.

3. OPERATION

3.1 Controls Overview

The SUB 'N' UP MINI OCTAVER features three primary control knobs and a footswitch:



Top view of the SUB 'N' UP MINI OCTAVER, clearly showing the DRY, SUB, and UP control knobs, and the footswitch.

- **DRY Knob:** Controls the volume of your original, unaffected instrument signal. Turn clockwise to increase the dry

signal level.

- **SUB Knob:** Controls the volume of the octave-down effect. Turn clockwise to increase the sub-octave level.
- **UP Knob:** Controls the volume of the octave-up effect. Turn clockwise to increase the octave-up level.
- **Footswitch:** Toggles the effect on/off. When the effect is on, the LED indicator will illuminate.

3.2 Engaging the Effect

Press the footswitch to activate the octaver effect. The LED will light up, indicating the effect is active. Press the footswitch again to bypass the effect. Due to its true bypass design, the pedal will not color your tone when bypassed.

3.3 Adjusting Octave Tones

Experiment with the DRY, SUB, and UP knobs to blend your desired octave sounds. For a subtle thickening, keep the DRY knob high and add a small amount of SUB. For synth-like leads, increase the UP knob and reduce the DRY signal. Bass players can utilize the SUB knob to add depth to their tone.

3.4 TonePrint Customization

Utilize the TC Electronic TonePrint app or editor to access a vast library of custom octaver sounds created by professional artists, or to design your own unique TonePrints. This allows for extensive sound shaping beyond the physical knobs, including adjusting tracking, filtering, and other parameters.

4. MAINTENANCE

4.1 Cleaning

To clean the pedal, use a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the finish and internal components.

4.2 Storage

When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. Disconnect the power supply and all cables.

5. TROUBLESHOOTING

5.1 No Sound

- Check all cable connections (instrument, amplifier, power).
- Ensure the power supply is correctly connected and providing the correct voltage (9V DC, center negative).
- Verify that your instrument and amplifier are working correctly by bypassing the pedal.
- Confirm the footswitch LED is illuminated when the effect is intended to be active.

5.2 Unexpected Sound / Poor Tracking

- Adjust the DRY, SUB, and UP knobs to find a balanced mix.
- Ensure your instrument's output is strong and clear. Weak signals can affect tracking performance.
- If using a custom TonePrint, try reverting to a factory preset or a different TonePrint to see if the issue persists.
- Check for any other pedals in your signal chain that might be interfering with the octaver's tracking.

5.3 Pedal Not Responding to TonePrint App

- Ensure your smartphone's volume is at maximum when beaming TonePrints.
- Hold the phone's speaker directly over your instrument's pickup for optimal signal transfer.
- If using a USB connection, ensure the correct drivers are installed and the TonePrint Editor software is up to date.

6. SPECIFICATIONS

Brand	TC Electronic
Model	SUB 'N' UP MINI OCTAVER (P0CQF)
Style	Compact Effect Pedal
Color	Red
Item Weight	0.19 kg
Product Dimensions	9.4 x 4.8 x 5 cm
Power Input	9V DC, 100mA (center negative)
Control Type	Knobs (DRY, SUB, UP), Footswitch
Hardware Interface	1/4 inch Audio Input/Output, Mini USB
GTIN	04033653015394, 05706622019714

7. WARRANTY & SUPPORT

7.1 Limited Warranty

This product is covered by a 1-year limited warranty from the date of delivery. A delivery note or proof of purchase is required for all warranty claims. The warranty is limited to use within Japan.

7.2 Extended Warranty

Customers can extend the warranty period to 3 years by registering the product online within 90 days of purchase. Please visit the official TC Electronic website for registration details and terms and conditions.

7.3 Technical Support

For technical assistance, troubleshooting, or service inquiries, please contact TC Electronic customer support through their official website or authorized service centers. Before contacting support, please refer to the troubleshooting section of this manual.