



Manuals.plus /

› Fender /

› Fender Mustang LTX50 Guitar Combo Amplifier User Manual

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Fender Mustang LTX50 Guitar Combo Amplifier User Manual

Model: Mustang LTX50

INTRODUCTION

The Fender Mustang LTX50 is a versatile 50-watt modeling combo amplifier designed for guitarists seeking a wide range of authentic Fender tones and modern features. Equipped with a 12-inch Celestion G12P-80 speaker, it delivers dynamic sound suitable for practice, rehearsal, and performance. This amplifier offers 25 amp models and 25 effects, covering various musical styles from clean to high-gain. Its intuitive color display, onboard tuner, and 100 user preset slots provide easy customization and quick access to your preferred sounds. The Mustang LTX50 also features Bluetooth audio streaming for playing along with tracks and USB-C connectivity for direct recording and monitoring.



Figure 1: Fender Mustang LTX50 Guitar Combo Amplifier with included accessories.

SETUP

1. Unboxing and Initial Inspection

- Carefully remove the amplifier and all accessories from the packaging.
- Inspect the amplifier for any signs of damage that may have occurred during shipping.
- Confirm all included items are present: Mustang LTX50 amplifier, power cord, instrument cable, 12-pack guitar picks, and instructional DVD.

2. Connecting Power

- Ensure the amplifier's power switch is in the OFF position.
- Connect the included power cord to the AC input on the rear panel of the amplifier.
- Plug the other end of the power cord into a grounded electrical outlet.

3. Connecting Your Guitar

- Use the included instrument cable to connect your guitar to the **INPUT** jack on the front panel of the amplifier.

4. Basic Controls Overview

Familiarize yourself with the front panel controls before powering on the amplifier.



Figure 2: Front Panel Controls of the Mustang LTX50.

OPERATING INSTRUCTIONS

1. Powering On/Off

- To power on, ensure all volume controls are set to minimum, then flip the **POWER** switch to the ON position.
- To power off, flip the **POWER** switch to the OFF position.

2. Navigating Presets

- Use the **ENCODER** knob (large rotary knob) to scroll through the 100 available presets (70 factory, 30 user).
- Press the **ENCODER** knob to select a preset.
- The color LCD displays the current preset number and name.

3. Adjusting Amp Models and Effects

- Press the **MENU** button to access the amplifier's settings.
- Navigate through options like AMP, STOMP, MOD, DELAY, REVERB using the **ENCODER**.
- Select an option and use the **ENCODER** to choose different amp models or effects.
- Adjust parameters for each effect using the smaller control knobs (GAIN, VOLUME, TREBLE, MIDDLE, BASS, MASTER) or by selecting parameters on the display.
- Press **SAVE** to store your customized preset.

4. Using the Built-in Tuner

- Press and hold the **TAP** button to activate the chromatic tuner.
- Play a single note on your guitar; the display will show the note and indicate if it is sharp, flat, or in

tune.

- Press any button or play for a few seconds to exit tuner mode.

5. Fender Tone 3.0 App Control

- Download the Fender Tone 3.0 app from your device's app store (iOS/Android).
- Enable Bluetooth on your mobile device.
- On the amplifier, press the **MENU** button, navigate to "Bluetooth," and select "Pair."
- Select "Mustang LTX50" from your device's Bluetooth settings to connect.
- Use the app to wirelessly create, edit, save, and share presets, and to manage your amplifier settings.

6. Playing Along with Audio (Bluetooth)

- Once paired via Bluetooth, you can stream audio from your mobile device directly to the amplifier.
- Adjust the volume of the streamed audio from your mobile device.
- Alternatively, connect an external audio source to the **AUX IN** jack on the front panel using a 3.5mm stereo cable.

7. Recording via USB-C

- Connect a USB-C cable from the amplifier's USB-C port to your computer (Mac or PC).
- The amplifier functions as a bidirectional audio interface, allowing direct recording and monitoring.
- Refer to your Digital Audio Workstation (DAW) software's manual for specific setup instructions.

MAINTENANCE

1. Cleaning

- Disconnect the amplifier from power before cleaning.
- Use a soft, dry cloth to wipe down the exterior surfaces.
- For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth.
- Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.

2. Storage

- Store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid storing in areas with high humidity.
- If storing for extended periods, cover the amplifier to protect it from dust.

3. Safety Warnings (Proposition 65)

This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

TROUBLESHOOTING

No Sound

- Ensure the amplifier is powered on and the power cord is securely connected.
- Check that your guitar is properly connected to the **INPUT** jack.
- Verify that the **MASTER** volume and individual preset volume controls are not set to zero.

- Test with a different instrument cable and guitar to rule out faulty equipment.
- If using headphones, ensure they are fully plugged into the headphone jack and that the main speaker is not muted.

Distorted or Unwanted Noise

- Check your guitar's volume and tone controls.
- Reduce the **GAIN** setting on the amplifier.
- Ensure your instrument cable is not damaged or poorly shielded.
- Try a different power outlet to rule out electrical interference.
- If using high-gain amp models, some distortion is inherent. Adjust settings accordingly.

Bluetooth Connectivity Issues

- Ensure Bluetooth is enabled on both your mobile device and the amplifier.
- Make sure the amplifier is in pairing mode (refer to "Fender Tone 3.0 App Control" section).
- Move your mobile device closer to the amplifier.
- Try unpairing and re-pairing the devices.
- Restart both the amplifier and your mobile device.

Amplifier Not Responding

- Power cycle the amplifier by turning it off, waiting 10 seconds, and turning it back on.
- If the issue persists, a factory reset may be necessary. Consult the Fender support website for instructions on performing a factory reset for the Mustang LTX50.

SPECIFICATIONS

Model Name	MUSTANG LTX50
Model Number	2311700000
Brand	Fender
Amplifier Type	Digital Modeling
Power Output	50 Watts
Speaker	1 x 12" Celestion G12P-80
Amp Models	25
Effects	25 (distortion, overdrive, compression, modulation, reverb, delay, octave, etc.)
Presets	70 factory + 100 user slots
Display	Color LCD with onboard chromatic tuner
Connectivity	Bluetooth audio, USB-C bidirectional audio
Outputs	XLR line out, Headphone out
App Support	Fender Tone 3.0 app (iOS/Android)
Enclosure Material	Metal
Item Dimensions (D x W x H)	22.3"D x 19.9"W x 12.3"H
Item Weight	26.4 Pounds
UPC	840262259088



Figure 3: Rear Panel Connections of the Mustang LTX50.

WARRANTY INFORMATION

The Fender Mustang LTX50 Guitar Combo Amplifier is covered by a **2-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. For full terms and conditions, please refer to the warranty documentation included with your product or visit the official Fender website.

SUPPORT

For further assistance, technical support, or service inquiries regarding your Fender Mustang LTX50 amplifier, please visit the official Fender support website:

<https://support.fender.com>

You may also find additional resources, FAQs, and software updates on the Fender website.