



# ÜBER FX2

## User Guide



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Thank you for purchasing the UBER FX2. At Alto Professional, performance and reliability mean as much to us as they do to you. We design our equipment with only one thing in mind—to make your performance the best it can be.

**Note:** Before you first use the product, please fully charge the battery. Your unit was purposely shipped with a reduced battery charge to ensure safe transit.

Use the included power cable to connect the unit to a power outlet and let it charge for up to 10 hours. This helps ensure the longest life for your battery.

## (1.1) Box Contents

UBER FX2

App Download Card

Power Cable

Quickstart Guide

Safety & Warranty Manual

## (1.2) Support

For the latest information about this product (system requirements, compatibility information, etc.) and product registration, visit [altoprofessional.com](http://altoprofessional.com).

For additional product support, visit [altoprofessional.com/support](http://altoprofessional.com/support).

### (1.3) Rechargeable Batteries

Here are some other recommendations for getting the longest life from the internal battery.

For the quickest charging time, power off UBER FX2 and use the included IEC power cable connected to a power outlet. A full charge can take up to 10 hours.

The **battery icon** will fill to display the battery life percentage. When charging is complete, the lightning bolt icon will disappear, and the battery icon will be completely filled.



Rechargeable lead-acid batteries are the same type used in automobiles. As with your car battery, how you use this battery has a significant impact on its lifespan. With proper use and treatment, a lead-acid battery can last for years. Here are some recommendations for getting the longest life from the internal battery.

After 60 minutes without use, Uber FX2 will fully power off and enter energy saver mode. To resume using it, press any button or play audio through the system to turn the speaker back on.

**General** Fully charge the battery before using it.

**Usage** Charge the battery completely after each use.

**Storage** For best product longevity, do not store at exceedingly hot (greater than 90°F/32°C) or exceedingly cold (less than 32°F/0°C) temperatures.

It is acceptable to leave your sound system plugged in. This will not overcharge the battery.

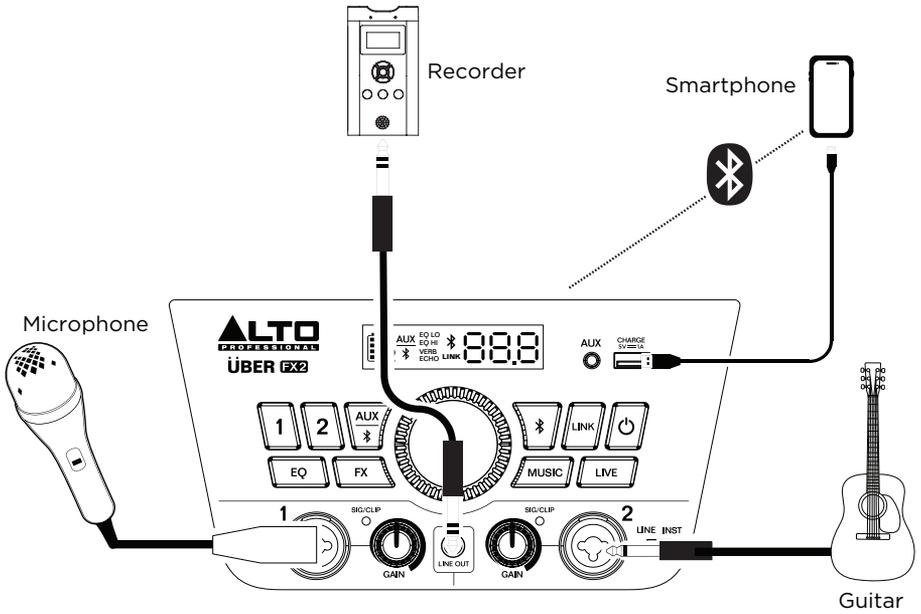
If you leave the battery level low and do not charge it for 3 months, it may permanently lose capacity.

**Repair** If the battery fails to charge, check your fuse near the power cable input. If your fuse is intact and it still will not charge, contact Alto Professional at [altoprofessional.com](http://altoprofessional.com).

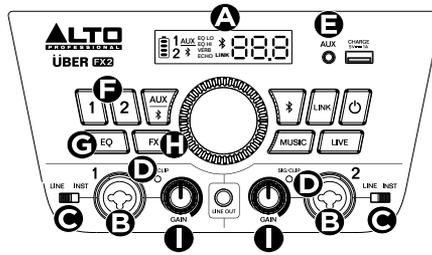
**Disposal** Bring the unit to a recycling center or dispose of in accordance with local ordinances.

## (2.1) Connection Diagram

Items not listed under the (1.1) *Box Contents* are sold separately.



## (3.1) Front Panel



### A. Display

This screen shows information relevant to the current operation.

### B. Channel Inputs 1/2 (1/4" TRS, 6.35 mm / XLR)

Connect your audio sources to this combo input. Only connect microphones using an XLR cable. Use a TRS cable with line-level sources and instruments after adjusting the **Line/Inst** switch.

### C. Line/Inst

Adjust the switch to the **LINE** position for line-level sources and to the **INST** position for instrument-level sources. This switch only affects the 1/4" / 6.35 mm input.

### D. Sig/Clip

This LED lights up green when an audio signal is sent to the loudspeaker. The LED lights up red when output limit/protection is active—if the LED is lit red continuously, reduce the volume of your audio source.

### E. Aux Input

Connect an auxiliary device to this 1/8" (3.5 mm) input.

### F. Channel Select

Press to select Channel 1 or 2. Use the **CONTROL KNOB** to adjust their volume.

### G. Channel EQ

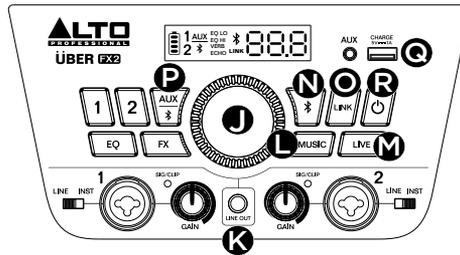
Press Channel 1 or 2 to select the channel. Then press **CHANNEL EQ** to adjust lo and hi EQ for the selected channel.

### H. FX

Press Channel 1 or 2 to select the channel. Then press **FX** to adjust reverb and echo for the selected channel.

### I. Channel Gain

Adjusts the volume of **CHANNELS 1** or **2**. If the **SIG/CLIP LED** is lit continuously, reduce the volume.



## J. Control Knob

Turn this encoder to adjust functions such as the main volume, channel EQ, and channel FX.

## K. Line Out

Connect to an external recording device, mixer, speakers, etc.

## L. Music

Press to boost the bass and add high frequencies.

## M. Live

Press to add a high pass filter and a slight boost to speech range frequencies.

## N. Bluetooth® Pair

Press to switch between Aux and paired Bluetooth modes. Double-press to disconnect a paired Bluetooth device. See the section [\(4.1\) Operation > Pairing a Bluetooth® Device](#) for more details.

## O. Link

Press to stereo-link two speakers together. See the section [\(4.2\) Operation > Stereo-Link™: Connecting Two Speakers](#) for more details.

## P. Aux/Bluetooth

Press to select Aux or Bluetooth. Use the **CONTROL KNOB** to adjust the input volume.

## Q. USB-A Charge Port

Connect a smartphone, tablet, etc. here to charge it. USB charging only functions when the unit's power is turned on.

**Note:** To charge smartphones and tablets faster, put their screens to sleep.

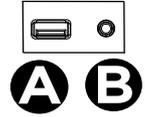
## R. Power

Press to power the speaker on and off.

### (3.2) Top Panel

#### A. Fast Charging USB Port

Slide open the top compartment to access the USB port. Connect your device's charge cable here for a faster charge rate (5V, 2.2A). USB charging only functions when the unit's power is turned on.



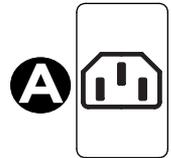
#### B. 2<sup>nd</sup> Aux Input

Slide open the top compartment to access this Aux input. This stereo 3.5 mm (1/8") input can be used to connect a CD player, MP3 player, or other audio source.

### (3.3) Rear Panel

#### A. Power

Insert the included power cable here to charge the unit.



## (4.1) Pairing a Bluetooth® Device

1. Turn on your Bluetooth device.
2. Turn on UBER FX2 using the **power button**.
3. Press and hold the **Bluetooth Pair button** then release it. The **Bluetooth icon** will flash on the **Display**.
4. Navigate to your Bluetooth device's setup screen, find **UBER FX2**, and connect. The **Bluetooth icon** will light up solid when paired.

**Note:** If your device requires a passcode or PIN, enter **0000**.

5. Start playback from your Bluetooth device.

To **disconnect a connected Bluetooth device**, double-press the **Bluetooth Pair button**.

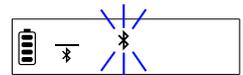
To **disable/enable voice prompts**, press and hold the **Bluetooth Pair button** for 3 seconds.



Press



Press and hold



## (4.2) Stereo-Link™: Connecting Two Speakers

1. Power on both UBER FX2 speakers by using the **power buttons**.
2. Follow the steps in the section [\(4.1\) Operation > Pairing a Bluetooth® Device](#).
3. After you've paired one speaker to a Bluetooth device, press and hold the **Link button** on both speakers. Wait a few moments until the units link, shown by both Link LEDs being lit solid.

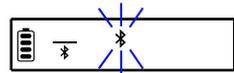
**Note:** Linking may take up to 1 minute. Repeat this process on the other Uber FX2 speaker.

After linking, to switch the speakers' right and left channels, press and release the **Bluetooth button**.

To disconnect, double-press the **Link button** on one of the two Uber FX2 speakers.



Press and hold



### (4.3) App Control

**IMPORTANT:** To ensure the best possible experience with the app, use the most current Android OS or iOS on your device.

**Follow these steps to download the free app on your device:**

1. Open the Apple App Store or Google Play on your device. Then, search for the **ALTO Pro** App.
2. Follow the on-screen instructions to download and install the app. Once downloaded, the **ALTO Pro** App will appear on your device's home screen.
3. Connect your device to UBER FX2 via Bluetooth. See the [\(4.1\) Pairing a Bluetooth® Device](#) to learn how to do this.
4. Open the **ALTO Pro** App. If prompted, allow the app to access your device's Bluetooth and Location Services.
5. Follow directions in the app to connect UBER FX2 and begin using the app.
6. Select the **UBER FX2** icon to go to the next screen, where you can use the app to control various functions of the speaker such as:
  - **Main Volume:** Adjust the speaker's overall volume.
  - **Main EQ:** Adjust the speaker's overall equalization.
  - **Channel Volume:** Adjust the incoming volume for the 1/4" (6.35 mm), XLR, Bluetooth, and Aux sources.
  - **Channel EQ:** Adjust the low, mid, and high EQ for each channel.
  - **Channel FX:** Adjust the FX amount sent to Channels 1 and 2.

**If the unit is not charging:** Make sure the power cable is properly connected to the power input and the power outlet.

**If the sound is distorted:** Try lowering the volume control of your sound source, musical instrument, or microphone.

**I hear a hum when cables are connected:**

- Disconnect cables from the input jacks to see if it's a faulty cable.
- Use balanced cabling connections whenever possible.
- Make sure the signal cables are not placed near power cables.
- Connect all audio equipment power cables to outlets which share a common ground.

**If there is too much bass:** Try adjusting the tone or EQ control on your sound source to lower the bass level. This will allow you to play the music louder before clipping (distortion) occurs.

**If there is a high-pitched whistling noise when using microphones:** This is probably feedback. Point the microphone away from the speaker.

**If you can't hear the microphone over the music volume:** Turn down the music volume from your source.

**If you can't hear your instrument:** Check that the **LINE/INST switch** is set to **INST**.

**If you can't play music from a flash drive:** The USB port is only for charging USB devices.

### If you cannot connect your audio device to UBER FX2 via Bluetooth:

- Have your audio device (e.g., smartphone or tablet) and UBER FX2 as close together as possible while trying to connect. Make sure both the audio device and UBER FX2 are unobstructed by walls, furniture, etc.
- Reset the Bluetooth connection on UBER FX2 to disconnect UBER FX2 from any other audio device and restart the search process. If this does not work right away, power off UBER FX2 and then power it back on.
- Reset the Bluetooth connection on your audio device by turning Bluetooth off and back on. You can find this under the Bluetooth menu in the Settings for your phone or other audio device.

If this does not work, and you have connected to UBER FX2 before, find UBER FX2 in the list of available or previously connected devices in your audio device's Bluetooth menu, tap the "gear" or "i" icon located next to it and then select **Unpair** or **Forget**. Turn UBER FX2 off and back on and try pairing again once it reappears in your available devices list.

**Note:** If UBER FX2 has been paired to another audio device recently that is still within range, you may need to repeat this process with that audio device to fully disconnect.

**(6.1) Technical Specifications**

<b>Output Power</b>	200 W
<b>Charge Port</b>	5V, 1A
<b>Mic Inputs 1-2</b>	<b>Connector:</b> XLR / 1/4" TRS Combo Input Connector <b>Dynamic Range:</b> 108 dB (A-weighted) <b>THD+N:</b> <0.01% <b>Noise EIN:</b> >-110 dB (A-weighted) <b>Maximum Input Level:</b> +1.5 dBu <b>Gain Range:</b> 50 dB <b>Frequency Response:</b> 20 Hz – 20 kHz (+/- 0.1 dB) <b>Input Impedance:</b> 600 $\Omega$
<b>Line Inputs 1-2</b>	<b>Connector:</b> XLR / 1/4" TRS Combo Input Connector <b>Dynamic Range:</b> 108 dB (A-weighted) <b>THD+N:</b> <0.01% <b>Maximum Input Level:</b> +16 dBu <b>Gain Range:</b> 24 dB <b>Frequency Response:</b> 20 Hz – 20 kHz (+/- 0.1 dB) <b>Input Impedance:</b> 20 k $\Omega$
<b>Instrument Inputs 1-2</b>	<b>Connector:</b> XLR / 1/4" TRS Combo Input Connector <b>Dynamic Range:</b> 108 dB (A-weighted) <b>THD+N:</b> <0.02% <b>Gain Range:</b> 24 dB <b>Frequency Response:</b> 20 Hz – 20 kHz (+/- 0.1 dB) <b>Maximum Input Level:</b> +6 dBu <b>Input Impedance:</b> 1 m $\Omega$
<b>Channel EQ</b>	<b>EQ Configuration:</b> Channels 1 and 2 have independent 2-band shelving EQs <b>High EQ Filter Type:</b> 12 dB/octave shelving filter <b>High EQ Cutoff Frequency:</b> 12 kHz <b>High EQ Gain/Attenuation:</b> +/-15 dB <b>Low EQ Filter Type:</b> 12 dB/octave shelving filter <b>Low EQ Cutoff Frequency:</b> 80 Hz <b>Low EQ Gain/Attenuation:</b> +/-15 dB
<b>Aux Inputs</b>	<b>Connector:</b> 1/8" (3.5 mm) TRS Input Connector <b>Frequency Response:</b> 20 Hz – 20 kHz (+/- 0.1 dB) <b>Maximum Input Level:</b> +12 dBu <b>Input Impedance:</b> 20 k $\Omega$

<b>Line Output</b>	<b>Connector:</b> 1/4" (6.35 mm) TRS Output Connector <b>Frequency Response:</b> 20 Hz – 20 kHz (+/- 0.1 dB) <b>Output Level:</b> Fixed +10 dBu <b>Input Impedance (unbalanced):</b> 100 $\Omega$
<b>Amp/Drivers</b>	<b>Frequency Response:</b> 60 Hz – 20 kHz <b>Max SPL:</b> 110 dB <b>Power Amp:</b> 100 W RMS mono-bridged <b>LF Driver:</b> 8.0" 203 mm woofer <b>HF Drivers:</b> (2) 1.0" / 25 mm tweeters <b>Side Drivers:</b> (2) 3.0" / 76 mm drivers
<b>Bluetooth Specifications</b>	<b>Profile:</b> A2DP, AVRCP <b>Version:</b> 5.0 <b>Frequency Bands:</b> 2400 – 2483.5 MHz <b>Maximum Radio-Frequency Power:</b> $\leq$ 20 dBm (EIRP) <b>Range:</b> Up to 100 feet / 30.5 meters*
<b>Battery</b>	<b>Type:</b> lead-acid battery <b>Capacity:</b> 12V, 7A, 84 Wh <b>Life:</b> Up to 100 hours <b>Charging Time:</b> 10 hours
<b>USB-A Charging</b>	<b>Front USB Port:</b> 5V, 1A <b>Top USB Port:</b> 5V, 2.2A
<b>Power</b>	<b>Connection:</b> IEC <b>Voltage:</b> 100–240 VAC, 50/60 Hz, 120 W
<b>Dimensions</b> (height x width x depth)	21.5" x 17.5" x 13.6" / 493 x 383.6 x 266.6 mm
<b>Weight</b>	22.9 lbs. / 10.4 kg

Specifications are subject to change without notice.

\* Bluetooth and wireless reception and range are affected by walls, obstructions, and movement. For optimal performance, place the product in the center of the room so it is unobstructed by walls, furniture, etc. Battery life may vary based on temperature, age, and volume usage of product.

## (6.2) Trademarks & Licenses

Alto Professional is a trademark of inMusic Brands, Inc., registered in the U.S. and other countries.

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