AmpliTube for iPad User Manual
Introduction

Thank you for purchasing AmpliTube for iPad. This manual will cover all the product features in detail. Please read it carefully to get maximum results.
You can also have a quick tour by tapping the Help (?) button on the top-left of AmpliTube interface and immediately start rockin’.

AmpliTube® and iRig™ are trademarks or registered trademarks property of IK Multimedia. All other product names and trademarks are property of their respective owners, which are in no way associated or affiliated with IK Multimedia. Product names are used solely for the purpose of identifying the specific products that were studied during IK Multimedia’s sound model development and for describing certain types of tones produced with IK Multimedia’s digital modeling technology. Use of these names do not imply any cooperation or endorsement.
iRig Connections

The iRig interface adapter is the easiest way to get your guitar/bass signal into your mobile device.
You can also use the iRig with line level signal sources such as synthesizers, keyboards or mixers. Plus you can connect a microphone by adding a suitable Mic Preamp. The iRig is the ideal companion not only for the AmpliTube for iPad apps, but also works with any other recording, processing or tuning app.
Read the instructions below carefully to correctly set up and operate AmpliTube iRig.

Quick Start

1. Download AmpliTube FREE or Full app from the iTunes App Store.
2. Plug the iRig into the headphone jack of your iPad.
3. Choose how to listen to AmpliTube (Headphones or Speakers) in the message that pops up.
4. Plug your guitar or bass into the iRig’s 1/4” jack.
5. Plug your headphones or external speakers into the iRig headphone mini-jack. **DO NOT put your headphones on yet** (see below on using iRig with headphones).

Now you are ready to launch your AmpliTube app and start rocking!

Using iRig with headphones

Choose Headphones after connecting your iRig to properly set AmpliTube for usage with headphones or earbuds. Follow carefully the instructions below in order to avoid feedbacks that may damage your hearing.

**IMPORTANT: DO NOT put your headphones on before taking the following steps:**
1. Plug your iRig to your iPad.
2. Plug your headphones or earbuds into iRig.
3. Launch AmpliTube.
4. Lower the volume of your device by using the side volume buttons.
5. Put your headphones on.

NEVER turn the "NO FEEDBACK" option OFF in the AmpliTube app SETUP page when using headphones or earbuds to avoid possible feedback.

If you are listening to AmpliTube using earphones that include a microphone, please lower the volume to avoid possible feedback.

NEVER plug or unplug your headphones when AmpliTube is open and running.

**WARNING:** Permanent hearing loss may occur if earbuds or headphones are used at high volume. You can adapt over time to a higher volume of sound, which may sound normal but can be damaging to your hearing. Set your device volume to a safe level before that happens. If you experience ringing in your ears, reduce the volume or discontinue use of earbuds or headphones with your device.

### Using iRig with mixers, speakers or amplifiers

Choose Speakers from the message that pops up after connecting your iRig to set AmpliTube for listening with mixers, speakers or amplifiers.

iRig allows you to play without amps and cabinets, but if you prefer using the real ones you can do that easily as well: plug the iRig output directly into your amplifier input and bypass the AmpliTube amp+cab module. Now you can use your iPad as your effects pedalboard!

**IMPORTANT:** To avoid feedback ALWAYS use 1/8" stereo jack to 2 x RCA or 2 x 1/4" MONO jack cables to connect to amplifiers, powered speakers or mixers. NEVER use STEREO headphone 1/8" to 1/4" adapters or splitters.
OK

Connect to:
- amplifier (use L only)
- mixer
- powered speakers

MONO jacks have only 1 band in the tip

2 x RCA or 2 x 1/4" MONO jacks

AVOID

This connection will generate feedback

1/4" MONO guitar/instrument jack

[fig 2.2]
Setup

The **SETUP** section helps you to optimize AmpliTube settings in order to achieve the best sound possible. You can access the section by tapping on the SETUP button at the bottom of the interface.

![fig 3.1]

**Active Input and Level**

At the top of the Setup panel you will find the indication of the currently active input (Built-in microphone or Headset microphone). The in/out level meters and controls are immediately below. To properly set your instrument input level increase the gain up to the point where the red LED starts blinking, then lower it a little bit to avoid clipping. The lower part of this section helps to check and trim the output level. To return to the default settings just double-tap on the faders.

**Built-in MIC**

This button lets you enable or disable the built-in Mic of your device, in case you want to use it to
This button lets you enable or disable the built-in Mic of your device, in case you want to use it to record your voice on the eight-track recorder.

**Latency**

Latency is a slight delay introduced by the processing. Set this to **ULTRA-LOW** if you experience too much delay between what you play and what you hear. Switch back to **LOW** if you hear clicks or pops while playing.

**No Feedback**

Enable "No Feedback" to avoid "Larsen" effects (high pitched constant notes) when you're using headphones with high gain amplifiers or FX.

Set this option to **ON** or **OFF** to permanently enable or disable it (consider that turning "No Feedback" ON when listening from the device built-in speaker will mute the sound).

Choosing **AUTO** the No Feedback option will be automatically turned ON when you connect headphones or the iRig, and turned OFF when listening from the device built-in speaker.

**Important Notice:** "No Feedback" is the default setting when using headphones. It is strongly recommended keeping it on when using headphones or earbuds; turning it off may result in a loud feedback sound.

**Retain Settings**

Enable this option to maintain last custom setting on each module. In case "Retain Settings" is OFF switching to another model within the same slot will reset the parameters of the previously selected model to the default values.

**Auto Sleep**

Enable "Auto Sleep" to reduce battery consumption during long playing sessions. The device display will turn off after the "Auto-Lock" time has passed (set the "Auto-Lock" time in the General settings of your iPad).

Disable "Auto Sleep" if you hear clicks and pops while playing.

**Background Audio**

Enable this option if you want to hear AmpliTube's sound also when the app is running in background.

**MIDI Receive Channel**

Set the channel for AmpliTube to respond to incoming MIDI data via a hardware MIDI interface such as iRig MIDI.

**Preset Up/Down and Tuner**
Set the MIDI Continuous Controllers to globally control Preset switching and Tuner on/off.

FTP Upload Settings

Tap the SETTINGS button to enter your FTP login data.

SoundCloud Settings

Tap the SETTINGS button to enter your SoundCloud login data.
Tools

Tuner

The Tuner is at the top of the Tools section. It has a **Tune display** that shows the note name detected and a **Tuning Bar** to tune your instrument accurately.

To start tuning your guitar/bass, activate the Tuner by tapping on **ON**. Play one string at a time. The LED indicator shows the correct tuning in the center position.

Tap **Mute** to silence the guitar signal while tuning (a very useful feature for live performance).

AmpliTube has also a mini **Tuner Display** in the bottom bar of its interface, which continues to be visible even after exiting the Tools section, allowing you to quick check your tuning. Tapping directly on the mini Tuner display will turn ON/OFF your tuner.

![fig 4.1]

Metronome

In the Tools section you will also find a Metronome. Tap the **ON** button to enable/disable the Metronome. The current BPM (Beats per minute) is displayed in the field on the top-right of the
Metronome section. The **Metronome LED bar** allows you to change the metronome’s tempo. Touch and drag to change the BPM value. Dragging the LED bar to the right will increase the value and vice versa. You can also set your tempo by TAPPING. To do that, touch the **TAP** button at least 4 times in sync with the material you try to match the tempo with. If you need to **fine adjust** the tempo tap on the BPM value and a Scroll Wheel will appear, allowing you to increase/decrease the BPM by tenth.

**Audio Demo**

The Audio Demo panel allows you to experiment with AmpliTube sounds when there is no guitar connected by playing pre-recorded audio demo files included in the app. Choose one of the 8 audio demo files by tapping on the **Demo** button on the right, and play it by tapping **Play**. When the **Demo** button is set on **Auto**, all the 8 audio demos will be played in sequence.
**FX**

You can add up to four stompboxes in front of your amp. Just tap on the FX buttons on the top of the interface to display the FX menus and select the one you need. When you insert an effect for the first time, it will be disabled. To activate it simply tap the stompbox bypass switch.

Now you are ready for tweaking! By tapping on each knob its current value will be displayed in the mini Tuner display that is located between the PRESET and TOOLS buttons on the bottom of the interface.

To change any of the effect parameter touch the parameter knob and drag up/down. To return to the default settings just double-tap on the knobs.

Let's see all the available effects!

**Delay**

A model of a modern digital delay stomp box that allows up to one second of delay. Use this effect to add space and repetitions to your parts.

![Delay Effect](fig_5.1)

**DELAY**: changes the length of the delay between each echo, from 1 ms to 1000 ms.

**FEEDBACK**: changes the amount of time that the echo repeats, from 0 to 10.

**LEVEL**: sets the level of the effected (or wet) sound, from 0 to 10.

**BPM SYNC**: allows the effect to synchronize to the BPM tempo set in the Tools section.

**Reverb**
A reverb pedal that adds space and shine to your parts with adjustable color and time.

![fig 5.2]

**SWELL**: sets the length of the reverb, from 0 to 10.

**TONE**: sets the reverb coloration from dark to light, from 0 to 10.

**LEVEL**: adjusts the amount of wet sound with the dry sound, from 0 to 10.

**Fuzz**

A model of a classic Fuzz box from the 60s, typically used on lead guitar, this effect has remained a popular distortion effect throughout the years.

![fig 5.3]
**VOLUME:** sets the output volume of the stomp effect, from 0 to 10.

**DRIVE:** sets the fuzz sound by increasing or decreasing the amount of distortion, from 0 to 10.

### Distortion

A model of a classic distortion stomp box from the 80s, with "Character" control added to make it more versatile. Use this stomp box with a Clean or Crunch amplifier to create lead sounds for solos or powerful rhythm parts.

![Distortion Stomp Box](image)

**TONE:** controls the timbre of the distortion pedal  
**CHARACTER:** sets the type of distortion.  
**GAIN:** sets the amount of signal sent to the effect, therefore the distortion. Useful when creating heavily distorted sounds, from 0 to 10.  
**LEVEL:** sets the output level of the pedal, from 0 to 10.

### Overdrive

A model of a classic overdrive Stomp box. Especially useful to add more drive and sustain to your solos or rhythms parts when using a clean or moderate gain lead amplifier.
LEVEL: controls the Overdrive pedal output level. It does not alter the timbre of the distortion, unless another distorting device follows, like another distortion pedal or an amplifier at high gain or volume.

DRIVE: controls the amount of overdrive the pedal gives.

TONE: controls the timbre of the overdrive pedal.

Compressor

A model of a classic analog compressor that can beautifully sustain your sound making it bigger and punchy.
**OUTPUT**: sets the output level for the effect, from 0 to 10.

**SENSITIVITY**: sets the sensitivity of the compression, from 0 to 10.

**Limiter**

A digital limiter that will make your tone louder keeping it as clean as possible.

![Limiter](image)

**LIMIT**: adjusts the pre-level of the limiting stage. This is the level of the signal injected into the limiter (from -15dB to 15dB) and will determine the quantity of saturation applied to the audio.

**OUT**: sets the output level of the limiter, from -15dB to 0dB.

**Parametric EQ**

A model of an analog one-band parametric EQ that you can use to adjust your tone with great precision.
**GAIN**: adjusts the boost or cut of the parametric EQ, from -15 dB to +15 dB.

**FREQ**: changes the center frequency of the bass parametric EQ, from 20 Hz to 20 kHz.

**Q**: sets the bandwidth of the bass parametric EQ, from 0.1 (very wide) to 8.0 (very narrow).

**OUT LEVEL**: sets the output level of the effect, from -15 dB to +15 dB.

---

**Six Band Graphic Equalizer**

A model of a six band graphic equalizer useful to shape your tone with nice visual feedback.

---

**100, 300, 800, 1.6k, 3.2k, 6.4kHz**: Each band has +/- 15 dB boost. Double tap on the stomp to reset all the sliders. Create the EQ curve drawing it with your finger on the sliders.
**GAIN**: sets the output level of the pedal, from -15 to +15.

**Wah**

Based on a classic Wah unit from the 60s. Move its pedal to create a funky and catchy sweep effect used on countless hits since 40 years. Very useful on rock solos to add expression to the notes and bends.

![Wah pedal](image)

**OFF/ON/AUTO**: sets the mode of the Wah effect, Off, On, or Auto. The auto function allows it to be used easily without an external controller.

**TILT**: choose Tilt to control the Wah with the accelerometer! When your device is positioned horizontally the Wah will reach its maximum value.

**WAH**: this directly controls the Wah effect, from 0 to 10.

**Envelope Filter**

This is the signature funk sound. Effective on both guitar and bass it applies a timbre filtering on your parts that automatically follows what you're playing. The filter moves higher when you play hard, to emphasize your rhythm parts.
**CUTOFF:** sets the cutoff frequency of the filter, from 100 Hz to 3,500 Hz.

**RES:** sets the resonance of the filter, from 0 to 10.

**DEPTH:** changes the amount of effect that the envelope has on the filter, from 0 to 10.

**Chorus**

Based on a typical digital chorus with great control and flexibility. Use this stomp box with clean amplifiers to add shimmer and moving modulation to arpeggios or chords. Use it on crunch amplifiers to add color to a distorted rhythm part.

**RATE:** sets the rate of the chorus effect, from 0 to 10.
DEPTH: sets the intensity of the chorus effect, from 0 to 10.
LEVEL: sets the input level of the stomp effect, ranges from 0 to 10.

Flanger

Based on a digital flanger stomp box. This effect generates jet-like modulation effects. Use with clean amps to reproduce a slow modulation to move your parts, increase the feedback control to get more jet-like effect. Use with lead amplifiers to get that 80s hard rock tone!

[fig 5.13]

RATE: sets the rate of the Flanger effect, from 0 to 10.
DEPTH: sets the intensity of the Flanger, from 0 to 10.
FEEDBACK: sets a delay for the Flanger to take effect, from 0 to 10.
LEVEL: sets the input level of the stomp box, ranges from 0 to 10.
BPM SYNC: allows the effect to synchronize to the BPM tempo set in the Tools section.

Phazer

A model of a classic Phaser stomp box. This unit adds a shimmer to your solos and generate a smooth, watery modulation effect while playing chords and muted strumming. Use it with lead amplifiers to instantly get vintage hard rock!
SPEED: controls the phase LFO rate.

BPM SYNC: allows the effect to synchronize to the BPM tempo set in the Tools section.

Octave

Especially useful on bass, this stomp synthesizes an additional note that is one octave lower with respect to what you're playing. Add it to your bass parts to make them sound more synth-like.

OCTAVE: sets the output level of the octave effect, from 0 to 10.

DIRECT: sets the output level of the direct signal, from 0 to 10.
Noise Filter

This Stomp allows you to reduce any unwanted background noise that is coming from the input or from the instrument. Extremely useful on high gain rock and metal sounds where the input noise can become too high in certain cases. Use it by inserting it in the first position of your stompboxes chain. Avoid positioning it after distortion effects.

[fig 5.16]

**DEPTH**: sets the amount of noise that is removed. Increase it to cut more noise, decrease it to have a gentler intervention.
Amp

To change your amp tap on the AMP button on the bottom-left of the interface and choose the one you need in the menu that appears. Choose your cabinet by tapping on the CAB button, right next to the AMP button.
You can insert the Cabinets also by tapping on the cab picture icon. Tapping on the microphone picture will change the mic model.
Tap on the amp ON/OFF switch to turn off the whole amp section (amp+cab+mic). To change any of the amp parameter touch the parameter knob and drag up/down. To return to the default settings just double-tap on the knobs.

And know let's have a quick tour of all the models in the AMP section.

Clean

Amp: Clean
Based on Fender® blackface Deluxe Reverb®
This classic American amp has been used on countless recordings due to its pure tone, great Reverb and Tremolo, and amazing versatility.

[fig 6.1]

Volume: adjusts the output level of the power amp, from 0 to 10.
Bass: adjusts the bass frequencies of the amp's EQ stage, from 0 to 10.
MID: adjusts the mid frequencies of the amp's EQ stage, from 0 to 10.
TREBLE: adjusts the high frequencies of the amp's EQ stage, from 0 to 10.
PRESENCE: boosts the high frequencies of the EQ stage, from 0 to 10.
REVERB: controls the amount of Reverb, from 0 to 10.
RATE: controls the speed of the Tremolo effect, from 0 to 10.
DEPTH: adjusts the depth of the Tremolo effect, from 0 to 10.

Cab: 1x12"
Based on Fender® blackface Deluxe Reverb® Cabinet
Crunch

Amp: Crunch
*Based on Vox® AC30™*
This legendary British amp from the 60's can go from clean to crunchy, and has been at the foundation of modern rock.

![fig 6.2]

**VOLUME**: adjusts the output level of the power amp stage, from 0 to 10.
**BASS**: boosts and cuts the bass frequencies of the amp's EQ stage, from 0 to 10.
**TREBLE**: boosts and cuts the high frequencies of the amp's EQ stage, from 0 to 10.
**TONE**: sets the overall brightness of the amp. When set to Max the amp is bright, when set to Min the amp is mellower.
**REVERB**: sets the level of reverb added to the guitar amp sound, from 0 to 10.

**Cab: 2x12''**
*Based on Vox® AC30™ Cabinet*

Lead

Amp: Lead
*Based on Marshall® JCM800*
This classic British guitar amp is the go to amp for a variety of rock and heavy rock guitar sounds.
GAIN: adjusts the input gain of the preamp stage. Use this setting to drive the preamp stage, from 1 to 10.

BASS: boosts and cuts the bass frequencies of the amp's EQ stage, from 0 to 10.

MID: boosts and cuts the mid frequencies of the amp's EQ stage, from 0 to 10.

TREBLE: boosts and cuts the high frequencies of the amp's EQ stage, from 0 to 10.

PRESENCE: boosts the high frequencies of the EQ stage, from 0 to 10.

REVERB: sets the level of reverb added to the guitar amp sound, from 0 to 10.

VOLUME: adjusts the output level of the power amp stage, from 0 to 10.

Cab: 4x12"A

*Based on Marshall® 4x12" Cabinet with "Greenback" speakers*

Metal

Amp: Metal

*Based on Mesa/Boogie® Triple Rectifier® (Lead Channel)*

An amp that can deliver from hard, driven rock tones to high-gain thrash, and aggressive metal styles. This is the signature tone for modern nu metal and crossover styles.

GAIN: adjusts the input gain of the preamp stage. Use this setting to drive the preamp stage, from 1 to 10.
**BASS**: boosts and cuts the bass frequencies of the amp's EQ stage, from 0 to 10.

**MID**: boosts and cuts the mid frequencies of the amp's EQ stage, from 0 to 10.

**TREBLE**: boosts and cuts the high frequencies of the amp's EQ stage, from 0 to 10.

**PRESENCE**: boosts the high frequencies of the EQ stage, from 0 to 10.

**REVERB**: sets the level of reverb added to the guitar amp sound, from 0 to 10.

**VOLUME**: adjusts the output level of the power amp stage, from 0 to 10.

**Cab: 4x12”B**  
*Based on Mesa/Boogie® 4x12” Rectifier® Cabinet*

**Bass**

**Amp: Bass**  
*Based on Ampeg® SVT classic bass head*

This is the bass head that is a trademark for the rock bass sound.

![Image](fig 6.5)

**GAIN**: controls the gain of the head preamp, from 0 to 10.

**BASS**: boosts and cuts the low frequencies of the amp's EQ stage, from 0 to 10.

**MID**: boosts and cuts middle frequencies of the amp's EQ stage, from 0 to 10.

**FREQUENCY**: selects the center frequency for the Midrange control.

**TREBLE**: boosts and cuts high frequencies of the amp's EQ stage, from 0 to 10.

**VOLUME**: controls the volume of the power amp stage, from 0 to 10.

**Cab: 1x15”**  
*Based on Ampeg B15R™ 1x15” Cabinet*

**Dynamic Mic**

*Based on Shure® SM57™ dynamic microphone*
Condenser Mic

Based on Neumann® U-87™ condenser microphone
Recording and Mastering

The 8-track recorder gives you the chance to lay down your musical ideas into 8-track recordings. Recording sessions can be organized and saved into Projects that can be recalled at will. You can record instruments through the iRig interface or vocals through the built-in mic or combined headset, then mix it all and master the final result. The punch-in recording function will let you make corrections to part of your recordings. With bouncing you will be able to free tracks and record more parts. But let’s see every feature in detail.

Note: AmpliTube by default allows you to record on one track and does not include the mastering section. Most of the features included in this chapter will be available after purchasing the Recorder from the ADD GEAR section.

Creating a new project

Tap on the NEW PROJECT button to create a new project. A window will appear to let you choose a name for your project.
The chosen project name will be shown on the paper tape that is stuck on the recorder. If you want to change the name of the project just tap on the paper tape and the rename window will appear.

Recording a track in AmpliTube is very easy.
1. Arm the track by clicking on the arm button near the track number (a red light will start blinking)
2. Click on the record button at the bottom of the interface. You will notice that the recording process has begun as the recorder will start running and the Arm button will turn its light status from blinking to static.
3. Stop the recorder by clicking on the green play button.
Repeat the process for every track that you want to record. Just tap and hold for at least 3 seconds the arm button to clear a single track.
All new audio material added to the project will be automatically saved by AmpliTube, in order to avoid accidental loss of recording material.

Tap on the Play button to listen to your recorded material. You can also scroll within your recording by sliding on the Recording Position progress bar. The Recording Position display shows the current position within your recording.
Tap the Back button once to move the cassette back to the last point where you started playing
from, tap it twice to start from the beginning of the recording. This function is very useful anytime you want to relisten to a specific section of your recording or replace a part using punch-in.

**Punch-in Recording**

Make small corrections to your tracks with punch-in recording. Slide on the progress bar to choose where you will begin to listen to your recorded material. Tap on play to listen to your recording and when you reach the point that you want to record again tap the rec button; from now on the recorder will write everything coming from the input; by tapping on the rec button again the recording process will stop and you will hear the previously recorded material.

**BPM and Metronome**

The metronome lets you set the tempo (BPM, or “Beats Per Minute”) for your song and record while monitoring the metronome click.
To set the tempo, tap the BPM button at the preferred speed or press and hold to enter the value. The metronome can be set to work only visually (no audio click) by pressing and holding the metronome button.

[fig 7.3]

The metronome lets you set the tempo (BPM, or “Beats Per Minute”) for your song and record while monitoring the metronome click.
To set the tempo, tap the BPM button at the preferred speed or press and hold to enter the value. The metronome can be set to work only visually (no audio click) by pressing and holding the metronome button.

**Loop**
To repeat part of your song, set Start and End points for the loop. Tap the LOOP button to open the loop window, then tap the IN button to set the start position and OUT to set the end point of your loop. Tap stylized loop button to enable or disable the loop. Note that when looping is enabled, all recording functions are disabled.

Copy / Paste
To copy a single AmpliTube Recorder track to another track - or to another iOS audio application - select your source track by tapping the track arm button, then tap the EDIT button on the transport bar, and then tap the COPY button.

To paste audio content copied from an AmpliTube Recorder track - or from another iOS audio application - to another one of your Recorder tracks, select the destination track by tapping the track arm button, then tap EDIT button on the transport bar, and then tap the PASTE button.

**Bouncing**

When all the tracks are full and you need to record more instruments, you can free some space by using the Bounce function to combine several tracks together onto a single track. Tap the EDIT button on the transport bar, then tap the Bounce button, and then all 8 tracks will be merged and put on the first track. You now have seven more empty tracks to record instruments in.

**Important**: remember that the bounce will apply all the effects and mixer settings to the merged track, but not the EQ and Compressor settings in the MASTER section.
Mixing

Since we just mentioned the mixer settings, let's see how the mixer controls work.

The lower part of the interface is dedicated to the mixer controls. On the top of the mixer, you have the Track Arm, Mute and Solo buttons. The Mute button mutes the track, while the Solo button lets you listen just to that single track. Tap the Track Arm button to activate the track input monitoring, and the button will start blinking. While recording, the red light of the Track Arm button will change its status from blinking to solid. Hold the track arm button for more than 3 seconds to delete the audio content of the track.

The mixer has different sections that can be accessed by sliding through the different pages:

**Page 1 - MAIN (VOLUME/PAN/FX)**

The MAIN page shows the Volume and Pan knob controls of the tracks to set the volume of each track and change its position in the stereo field. There is also an FX button to enable or disable the entire real-time effects chain (FXs, AMP, CAB) or apply them permanently to the track by tapping and hold the FX button.
Be careful, as you can’t undo this operation: Once the effects are applied to the track, you won’t be able to return to the unprocessed version anymore. Above each track is a VU-Meter showing the tracks’ volume level. Double-tapping the knobs will restore the knobs to their default position.

Page 2 - SEND 1/2

Tap the SEND 1/2 button to open the Sends page with the levels of the two multi-effect sends. The knobs let you dial in the amount of the track signal that will be processed by the multi-effects in the Master section.

Page 3 - MASTER FX

Tap the MAST FX button to open the Master section of AmpliTube, the final stage where all your recordings will be processed before exporting. Here you can make the final adjustments to your multitrack recording by adding effects and making small adjustments of the global tone and the dynamic range.

In the iPad version, we added more effects and controls to the Master section. You now have two
multi-effect processors where you can choose among three different types of reverbs, two choruses and three delays. In the multi-effect section you have:

- an INPUT control to set the amount of signal received by the effect
- a MIX control to balance between the dry and wet sound
- an OUTPUT control to set the output level after the effect processing
- an EFFECT SELECTOR to choose the effect you prefer
- an ADJUST knob to change the settings of each single effect

The EQ and COMP sections have also been enhanced to give you have more control over the shape of the final master sound.

Tapping the big rectangular buttons lets you enable and disable any of the four processors.

**The Project List**

Tap the Projects List button on the lower-left part of the interface to show the complete list of your recording sessions.

![Projects List](fig 7.10)

Tap on the LOAD button to recall a project and reload all its tracks.

The Play button will allow you to pre-listen to the content of the project.

Copy the entire mix audio to a single track or to another iOS audio application.
You can also export your recording via File Sharing, E-mail, add it to the AmpliTube SONG section, upload via FTP or share and upload using SoundCloud.

The DELETE and CLONE buttons let you erase or duplicate your projects.

**Exporting your Recordings**

Once your project is ready, you can export your recording in 5 different ways:

a) Using File Sharing as a WAV file.

b) Via E-mail as m4a file.

c) Add it to the Song section of AmpliTube.

d) Upload to your FTP repository.

e) Upload to your SoundCloud account.

**a) File Sharing**

File Sharing allows you to transfer your recording directly to iTunes in your computer. After tapping on File Sharing your recording will be put in a file sharing folder on your mobile device and you will be asked to connect to iTunes.
Connect your device to your computer using the 30-pin to USB Apple cable and open iTunes. Wait until your device is detected, then click on its icon. Now go to the top of iTunes window and click on Apps; you will see two main tables: Sync Apps and File Sharing. Choose the AmpliTube App under File Sharing; the exported recording will appear in the right window called 'AmpliTube Documents' (see below).
File Sharing
The applications listed below can transfer documents between your iPad and this computer.

Apps

AmpiTube Documents

![Project 3 mix.wav](#)  
Today 11:24 AM  864 KB

[fig 7.13]

From there you can select your recording and click 'Save to...' to put it anywhere on your computer, or drag it wherever you prefer.

b) E-mail

You can also send your recording via e-mail. Just tap on E-mail in the export method selection pop-up menu and a new e-mail message will be created, like the one below.

My AmpliTube Mix

To:

Cc/Bcc:

Subject: My AmpliTube Mix

This is my AmpliTube mix. Enjoy!

Sent from my AmpliTube

![Project 3 mix.m4a](#)

Sent from my iPad
Insert the recipient in the 'To:' field and tap the 'Send' button to complete the e-mail recording transfer.

**c) Song**

Tap on Song to transfer your recording to the SONG section of AmpliTube (see chapter 'Songs' in this manual), and use it as backing track with the SPEEDTRAINER. Your recording will be processed and the message below will appear, informing that your mix is now included in your SONG section.

If you now tap on SONG in the bottom stripe of the AmpliTube interface, you will see your mix added to your current songs list.
d) FTP Upload
Choose the FTP Upload option to export your currently selected Project mix via FTP (File Transfer Protocol).
To upload, you need to set your FTP login information in the Setup Menu.
To upload your Project mix to SoundCloud, tap FTP Upload, and then wait for the upload to complete.

e) SoundCloud
SoundCloud is an online audio distribution platform which allows musicians to collaborate and distribute their music. Visit www.soundcloud.com for more information.

To upload, you need to set your SoundCloud login information in the Setup Menu. To upload your Project mix to SoundCloud, tap SoundCloud, and then wait for the upload to complete.
Songs

Songs importing is now available via File Transfer, Wi-Fi or from your iPod music library. You can hear the sound of your guitar or bass processed with FXs and amps together with the songs, allowing you to practice, learn or just have fun! You can play and pause your song, change the song speed and also loop the entire song or just a section of it.

[fig 8.1]

How to import your song

Check first that the audio file that you are importing is in one of the following formats: wav, aiff, m4a, mp3 (44.1 kHz, 16 bit). Then import your song tapping on the ADD SONG button and choosing one of the available options.
Below the three different methods at your disposal:

**Wi-Fi import**

1. After tapping on Wi-Fi follow the instructions on the screen (fig 8.2) to create a connection between your iPad and your computer. You’ll see on your browser the *Song Transfer* page (fig. 8.4)
2. Browse your computer to choose the song to add, then tap on START TRANSFER. A progress bar will appear in the 'Ready to add SONGS' window to show you the state of the song transfer process (fig. 8.5)
3. Tap on **DONE**, back in the **Songs List** page (fig. 8.3). **Important!**: Tap on "Done" only after the transfer process has been completed.

**File Sharing import**

1. Tap on **File Sharing** in the import method selection pop-up menu.
2. The instructions included in the panel will help you connecting your device to iTunes. Tap on Done when the device is connected and you have finished reading all the instructions.
3. Now go to the App section of iTunes (the same we described in the Recorder chapter) and
drag the file you want to import in the AmpliTube Documents window. After some seconds your
device will start syncing and your song will appear in the songs list.
Connect your device directly to iTunes and drag your audio files in the AmpliTube Documents window to avoid tapping on ADD SONG.

**iPod library import**

(iOS 4.2.1 or later is required)

1. Tap on **iPod Library** to access your song collection within your iPad. 2. A window like the one below will appear. Browse the library using the buttons on the bottom and tap on '+' to add the songs to AmpliTube's song list.

3. Tap on Done when you have finished selecting all the songs you want to import. The extracting process will start.

![Fig 8.8](image_url)
All the songs you have selected will appear in the AmpliTube songs list.

**Playing your songs**

Tap on **PLAY** to **play/pause** your song (note that AmpliTube will need to expand your songs the first time you play them; see fig. 8.10).
You can also loop the entire song by tapping on LOOP or just a section of it by choosing the start and end of the loop with the A and B buttons. The slider under the PLAY button allows you to choose the starting point, while the VOLUME one is the volume control of your imported songs. A display on the right of the play button will always show you your position in the song. There is no limit on the number of songs that you can import. If you want to erase a song, just select it on the list and tap on the DELETE button at the bottom of the interface.

AmpliTube includes also a SPEEDTRAINER and NO VOICE features. Move the SPEEDTRAINER slider to change the speed of a song without affecting its pitch. Slow down or speed up your songs for learning purposes or just for fun. NO VOICE allows you to remove the existing vocal and sing along with the track yourself instead! Just tap the NO VOICE button to activate the Voice Cancel function.

The TO REC button at the bottom of the panel lets you copy the currently selected song to one track of the recorder, so you can record new parts on it. The figure below shows the track selection menu that lets you choose where to put your song. A message will appear to inform you that AmpliTube has finished copying the song to the recorder.
Creating a direct wireless connection between your iPad and your computer

If you experience problems creating the network between your iPad and your computer, this can be due to a firewall that is stopping the connection request to your iPad from the computer. If your computer has a net adapter you can overcome this problem by establishing a direct connection.

To connect your iPad directly to your computer follow these steps:

**MAC:**
1) Turn your AirPort On
2) Choose 'Create Network' from the 'Network Preferences' drop down menu and give a name to the network you've just created
3) Tap the Settings button on your iPad, then on 'Wi-Fi' and choose your new Network

**PC:**
1) Check that you have a Wi-Fi adapter and that it is enabled
2) Create a new an 'ad-hoc' Network and give it a name (the 'ad hoc' connection can also be called 'computer-to-computer')
3) Tap the Settings button on your iPad, then on 'Wi-Fi' and choose your new Network
**MIDI**

MIDI control lets you assign AmpliTube parameters to MIDI controllers so you can remotely control any Stomps or Amps with any kind of hardware or software that generates MIDI Continuous Controllers.

Also, MIDI Program Changes are directly assigned to the FAVORITES presets from 1 to 128.

AmpliTube for iPad responds to MIDI Continuous Controller and Program Changes messages only. MIDI Note Numbers, Aftertouch, Pitch Bend and other types of messages are not recognized or supported.

In order to receive MIDI Continuous Controller or Program Change messages, you need a 30-Pin MIDI interface plugged to your device such as iRig MIDI.

**Assigning a parameter**

To assign a Continuous Controller to an AmpliTube parameter, tap and hold the knob or switch on an Amp or a Stomp. A message will then tell you that the application is waiting for a valid MIDI
Continuous Controller message from your attached MIDI Device.
Move the controller on your MIDI device.
The message will be dismissed, and the selected parameter will turn yellow to indicate that it is
now set to receive MIDI Continuous Controller messages.

**Midi Assign Panel**

![MIDI Assign Panel]

To view all the parameters that are assigned to a MIDI Continuous Controllers, tap the MIDI button on the bottom bar. The MIDI ASSIGN panel will appear and allow you to select a parameter, then edit the Continuous Controller assignment or delete unused or wrong assignments.

To save the current assignments, just save your current preset or assign it to a favorite.

**Favorites**
Favorites are directly connected to MIDI Program Change numbers from 1 to 128. For example, if you send MIDI Program Change 9 from your MIDI Controller, the 9th Favorite will load.

A Favorite is loaded only if it contains a preset.

**Global Assignments**
A few global commands - valid for all presets - can be assigned to MIDI Continuous Controllers in the Setup Panel:

Preset UP
Preset DOWN
Tuner

You can also set the Global MIDI Receive Channel in the Setup panel to determine on which channel AmpliTube will respond to incoming MIDI commands.
Add Gear

Tapping on the **ADD GEAR** button takes you to the AmpliTube Custom Shop.

Scroll through the list to read the name, description and price of the available models. When you find a model that you like just tap on it and a panel will appear to confirm the purchase. Insert your iTunes Store password, confirm, and the selected model will be immediately part of your rig!

After your purchase the new model will disappear from the **ADD GEAR** section and appear in the FX or Amp section.
**Preset**

AmpliTube has a powerful memory system that enables you to store your chain settings in two ways: as a **FAVORITE** or as a **PRESET**. Both the Favorites and the Presets store the entire chain.

Favorites and Presets store the identical information; The only difference is how you access them.

**FAVORITES** are accessed by the four Favorite buttons at the bottom of the app, A, B, C and D. To load a Favorite, simply press the A, B, C or D button. To save a Favorite, simply hold the Favorite location of your choice (A, B, C or D) for a few seconds until the location flashes to indicate that your Favorite has been saved. There are 128 Favorites splits in 32 scrollable banks.

You can even save your Presets as Favorites for faster access. Simply load the Preset of your choice, then hold your desired Favorite button to save it to that location.

Note that the Favorite locations (A, B, C and D) will appear in yellow if data is stored there. They will appear in white if the location is empty.

![fig 11.1]
PRESETS are accessed by tapping the PRESETS button at the bottom left of the app. Presets are organized into CATEGORIES. Think of Categories as folders that contain collections of Presets. Tap the PRESETS button to display the Categories window containing the list of Categories. If there are more than 6 Categories, you can scroll through the list by simply dragging the window up and down.

To add a new Category, tap the + button in the upper right part of the app, and a dialog box will appear where you can name your new Category. Let's say you want to create a new Category for to contain several Lead Amp Presets set to different lead tone sounds. Tap the + button, then enter the name of the Category. In this case, let's call the Category "Lead".

![fig 11.2]
Press Done once you have typed in the name, and the new Category will then appear in the Category list.

To delete a Category, tap the EDIT button in the upper right part of the app, and a red DEL button will appear to the right of each Category. Press the DEL button next to the Category you want to delete to remove the Category.
To rename a Category, tap the EDIT button in the upper right of the app, then tap the name of the Category you want to rename. A window will appear allowing you to rename the Category. Type the new name, then press Done when you are finished, and your new name will be saved.
To open a Category to get to the Presets inside, simply tap the Category name, and the Presets will appear. Think of this as opening a folder. As with Categories, if there are more than 6 Presets in a Category, you can scroll up and down through list by dragging the window.
You can rename and delete Presets by pressing the EDIT button in the upper right part of the app in the same way that you edit Categories. Similarly, you can add new Presets in the same way by pressing the + button in the upper right part of the app.
Account

Tap on the **ACCOUNT** button to register AmpliTube and unlock the free FX. A **User Registration** pop-up message will appear. Choose 'Existing account' if you have already an IK Multimedia Account; choose 'Create new account' if you have never registered an IK Multimedia product.

*Note:* This does not refer to your iTunes account.

---

** Existing account **

Insert your Username and Password of your User Area account on IK Multimedia's site, and tap on **Register**. This will unlock the free FX included in your AmpliTube app.

If you have lost your password tap on 'Forgot password ?', submit your e-mail address, and a new password will be sent to your e-mail account.

---

(fig 12.1)
Create new account

If you don't have a User Area account tap on Create new account to create a new one. You can access the New Account page from the initial User Registration pop-up message or from the Existing account page.

After entering the New Account page, fill in your details (First name, Last name, E-mail, Country and Phone) and tap on Register to create your IK Multimedia account. If you need further explanations about the registration process just tap on the ‘?’ button.
New user account

First Name
Last Name
E-mail
Country
Phone (Optional)
Receive Newsletters

Create new account
Help

[fig 12.3]