fifine | AMPLITANK

Tank6 USER'S GUIDE



AS Version:25-V4

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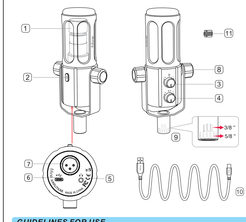
WHAT'S IN THE BOX

1* Dynamic Microphone
1* 3/8" to 5/8" Adapter
1* USB Cable
1* User's Manual

PRODUCT DESCRIPTION

1. Microphone Capsule - Dynamic microphone element with cardioid polar pattern.
2. Mute Button and LED Indicator-Press to mute or unmute the mic. If the light is green, the mic is active, if the light is red, the mic is muted.
3. Microphone Gain Knob - Control the sensitivity of the mic capsule.
4. Headphones Volume Control - Control the headphone volume.
5. Headphone Jack - 1/8 inch (3.5mm) stereo jack for connecting your headphones.
6. Type-C Port - Connect the mic directly to computer via the included USB cable.
7. XLR Port - Connect to sound card, mixer or audio interface via the XLR cable.(Not Included)
8. Thumbscrew - Screw to adjust the microphone angle.
9. Y-yoke mount - Built in 3/8"or 5/8" threads, directly used to connect with desktop stand or arm stand which has 3/8"or 5/8" threads and no need adapter. (Mic Stand Not Included)
10. USB Cable -For connecting the mic to the computer. You must use a USB cable that could transfer data like the one included.

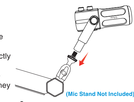
11. Screw Adapter-5/8" Male to 3/8" Female screw adapter for connecting the mic to suitable mic stand.



GUIDELINES FOR USE

▶Installation and Use

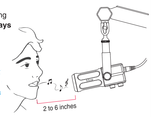
1. The Y-yoke mount of mic comes with built-in two-size threads, 3/8" and 5/8" threads, which can be directly connected to a mic stand without adapter. Screw the mic to the mic stand until they are firmly connected.



(Mic Stand Not Included)

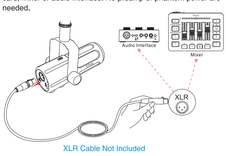
2. Tank6 is an end-addressing dynamic microphone. **Always keep the top of the mic facing the audio source.**

Tips: It is suggested that speak into the mic within 2 to 6 inches, and adjust the microphone input gain to a desired level you want.



▶XLR Port Connection

1. Fully plug the XLR cable female end with the right angle into the XLR port at the mic bottom, and then plug the male end to sound card, mixer or audio interface. No preamp or phantom power are needed.

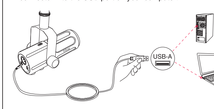


XLR Cable Not Included

2. Adjust the microphone input gain on your sound card, mixer or audio interface, to get a desired level.

▶USB-C Port Connection

1. Tightly plug the included USB cable into the mic, and plug the USB-A connector into the USB port on your computer.



2. Adjust the mic volume via gain knob on mic.

FUNCTION KEY INSTRUCTION (Only Applicable for USB Connection)

Tips: All the function keys and headphone monitoring on the mic are only available when using USB connection, but invalid when using XLR connection.

▶Mute Button

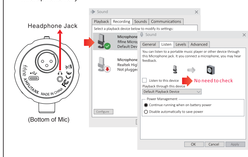
Press the button to mute /unmute the mic, (Make sure the LED light is green before you use the mic)



▶Headphones Jack

You can plug your headphones to the 3.5mm jack at the mic bottom to monitor your voice in real time. "fifine Microphone" will become default output device in the system sound settings to output the system's sound to the headphone jack along with the monitoring sound.

1. Make sure to plug your headphones into the headphones jack of microphone fully.



2. When the mic is on (LED is green) and the volume control knob (Mic and Headphone) are not turned to zero, you will hear your voice at once. No need to login any recording software (Apple-Macintosh systems)or click "Listen to this device" (Windows systems).

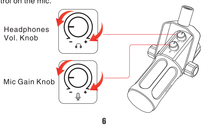
3. If you don't want to monitor your voice but just listen to computer audio, you can go to Sound Control Panel - "Playback" tab-select "fifine Microphone" Speaker-Properties- "Levels" tab-disable the microphone volume.

▶Microphone Gain

Turn right and left to increase or decrease the mic gain. It is suggested that turn down the mic gain first, and then turn it up gradually until a desired loudness.

▶Headphone Volume Control

Turn right and left to increase or decrease the volume of headphones. You can adjust the headphones volume by headphones volume control on the mic.



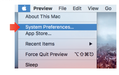
COMPUTER SET-UP (MAC OS & WINDOWS)

MAC OS

Hook up the mic to Mac. The mute button indicates green, means the mic is on. Your Mac will automatically install the driver of the mic. There may be no pop-up message reminding this process though.

▶Input Settings

1. Go to the System Preferences.



2. Click Sound to display the Sound preference panel.

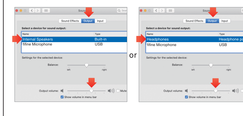


3. Click the Input tab and select "fifine Microphone" as the default input device. Turn up or down the mic volume by adjusting the gain knob on the mic.

▶Output Settings

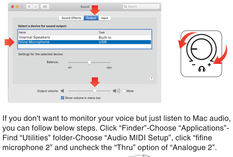
▶Output the audio from Mac

The mic will become the default output device automatically when it plugs into the Mac. If you want to listen to the sound from the built-in speaker of Mac directly, please choose the"Internal Speakers"as output device. If you want to connect your headphones to Mac and listen to the sound,please choose the"Headphones"as output device.



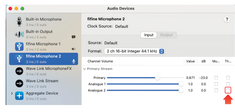
▶Output the audio from the mic

Plug the headphones to the 3.5mm jack at the bottom of the mic to monitor your voice in real time. Click the Output tab and choose "fifine Microphone" . You can monitor your voice mixed with the sound from Mac. Drag progress bar to adjust output volume. (You can also turn up or down the monitoring volume by adjusting headphones volume control on the mic)



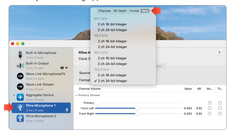
If you don't want to monitor your voice but just listen to Mac audio, you can follow below steps. Click "Finder"-Choose "Applications"-Find "Utilities" folder-Choose "Audio MIDI Setup", click "fifine microphone 2" and uncheck the "Thru" option of "Analogue 2".





▶Sample Rate Changing

Tank6 supports sample rates of up to 192 KHz which is capable of very high-quality recording. Higher sample rates can provide better results in some cases. However, the file size becomes much larger as the sample rate increases. You can change the sample rate by the following steps, make sure the selected sample rate match with the value set in your recording application.



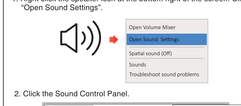
Click "Finder"-Choose "Applications"-Find "Utilities" folder-Choose "Audio MIDI Setup", then you can change the sample rate by clicking the list.

WINDOWS

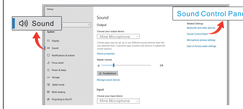
Hook up the mic to computer. The mute button indicates green, means the mic is on. Your computer will automatically install the driver of the mic. There may be no pop-up message reminding this process though.

▶Input Settings

1. Right click the speaker icon at the bottom right of the screen. Click "Open Sound Settings".



2. Click the Sound Control Panel.

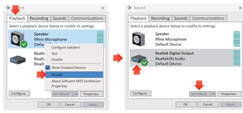


3. Set default device and adjust input volume. Normally, the mic will become default input device after plug into PC. If it's not. Click "Recording" tab - Choose "fifine Microphone"- Click "Set Default". When input device pick up sound, the volume meter will turn green and bounce. Turn up or down the mic volume by adjusting the gain knob on the mic.

▶Output Settings

▶Output the audio from computer

The mic will become the default output device automatically when it is plugged into the computer. If you want to listen to the sound from the built-in speaker of the computer directly, please click the "Playback" tab from the Sound pane and choose "Realtek High Definition Audio" as the default output device.



If you want to connect the USB headphones to the computer and listen to the sound, please select the Headphone as output device.

▶Output the audio from the mic

1. Plug the headphones to the 3.5mm jack at the bottom of the mic to monitor your voice in real time. Click the Sound Panel - Playback- "fifine Microphone" as the default output device. You can monitor your voice mixed with the computer audio.

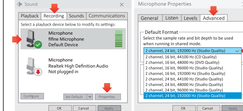


2. Click the Speaker (fifine Microphone) - Properties - Levels, and drag progress bar to adjust output volume. (You can also turn up or down the monitoring volume by adjusting headphones volume control on the mic.)

- If you don't want to monitor your voice but just listen to computer audio, you can follow below steps. Go to Sound Control Panel- "Playback" tab-select "fifine Microphone" Speaker-Properties- "Level" tab-disable the microphone volume.



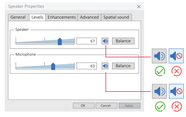
Tank6 supports sample rates of up to 192 KHz which is capable of very high-quality recording. Higher sample rates can provide better results in some cases. However, the file size becomes much larger as the sample rate increases. You can change the sample rate by the following steps, make sure the selected sample rate match with the value set in your recording application.



Click "Recording" and choose "fifine Microphone" as input device, then click "Properties" and select "Advanced" tab. Choosing the sample rate you need than click Apply.

▶Tips: (Applicable for Mac and Windows)

1. Make sure the Speaker and the Microphone are active under the Levels tab, otherwise the audio can not be heard from speaker or microphone, and can not be recorded from microphone.



2. If the computer prompts that it's unable to identify this USB devices, please restart computer and replug the mic into other USB port.

3. If mic is recognized but no sound coming out, please check whether System Sound is mute or whether you have turned the knob on the mic to minimum. Make sure the LED light on mute button is green (means that the microphone is active), and other microphone input devices should be disable.

4. If your computer runs windows, please check the box "Listen to this device" when you are using any recording software (such as Audacity) or chatting software (such as Skype), otherwise you would hear double audio just like echo. Click the "Recording" tab and click the fifine Microphone -Properties - Listen - uncheck the box "Listen to this device" - Apply.

5. If your computer runs windows 10, please go to **settings**, then choose **privacy** , microphone and **click the Allow apps to access the microphone to ON** then restart.

IMPORTANT NOTICE

▶Setting volume levels

Ideally, the mic level should be as high as possible without overloading. When you use USB connection, you can adjust the volume by following steps. If you hear distortion, or your recording program shows levels that are consistently overloaded (at peak levels), turn down the mic volume (or level) by the mic gain knob. If your recording program shows insufficient level, turn up the mic volume (or level) by the mic gain knob. When you use XLR connection, you can adjust the microphone input gain on sound card, mixer or audio interface to set an appropriate volume.

▶Positioning your microphone

To achieve the best frequency response, it is important to have the mic capsule (the top of the mic) pointed at the user's mouth, instrument or any other sound source. The best range is 2 to 6 inches.

▶Protecting your microphone

Avoid leaving your microphone in the open air or in areas where temperature exceed 110°F(43° C) for extended periods. Extremely high humidity should also be avoided.

SPECIFICATION

Model Number	Tank6
Microphone Type	Dynamic Microphone (16mm)
Mic Polar Pattern	Cardioid
Interface	USB and XLR
Frequency Range	100Hz-18KHZ
S/N Ratio	70dB A+
Sensitivity	-74dB±3dB

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WARRANTY

Every Fifine product comes with a Limited Warranty that in normal use of product will be free of any defects in material or workmanship for a period of one year from its original date of purchase. For detailed warranty info, please refer to the warranty policy on our website, or contact us directly.

CERTIFICATION

Eligible to bear CE Marking.
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