GO·live pro

24-Bit, 48KHz portable device with high grade DSP processing for live streaming

The GoLive Pro revolutionizes portable streaming performances and content creation, combining professional-grade sound with unmatched versatility for indoor and outdoor use. Designed with an internal microphone, mini XLR and 1/4-inch jack inputs, and a cable protector, it is the ultimate solution for musicians, broadcasters, and creators on the move. Its compact build and ergonomic design make it easy to carry, while the vibrant display and intuitive controls ensure seamless operation in any environment. With Bluetooth connectivity, studio-quality DSP effects like reverb and pitch correction, and a robust battery delivering up to 6 hours of operation, the GoLive Pro empowers your creativity wherever inspiration strikes.

Contents

Safety Precautions

Carefully read these Usage and Safety Precautions <u>before</u> use to ensure proper handling of the product. This section uses symbols to highlight important precautions aimed at preventing harm or damage to users or others due to improper use. Below are the symbols and their meanings:

⚠ **WARNING**
   Indicates actions that may result in severe injury or death.

⚠ **CAUTION**
   Indicates actions that may lead to injury or equipment damage.

   Other symbols used

◇ Indicates a prohibited action.

❶ Indicates an action that is mandatory.

⚠ WARNING:

■ **Power** (Refer to the manual for detailed information on applicable power sources)

◇ Always use the specified DC power supply adapter.

❶ Never exceed the ratings of outlets and other electrical wiring equipment.

❶ Prior to using equipment in a foreign country or region with a different electrical voltage, always consult with your local iCON distributor/retailer that carries iCON Pro Audio products or iCON Pro Audio support. Always use the approved, appropriate DC adapter as specified by iCON Pro Audio.

❶ Carefully study the warning indications regarding the DC power supply before use.

   Products that use batteries:

❶ Always use batteries specified in the operation manual. If in doubt, contact the iCON Pro Audio support team for guidance.

◇ Carefully study warning indications on batteries before use.

❶ Always keep the battery compartment covers closed during use.

■ Temperature

❶ For devices that heat up during continuous operation, avoid prolonged contact while powered on.

■ **Repairs and Alterations**

❶ Do not open the case or make a repair to the device yourself. Always refer repairs or required alteration to iCON Pro Audio's tech support an authorized iCON Pro Audio service center.

⚠ **CAUTION:**

■ **How to Handle the Product**

❶ Handle the product carefully to prevent drops, bumps, or applying excessive force to the unit.

❶ Avoid allowing liquids or foreign objects to enter the unit.

■ **Operational environment**

⊘ Do not use in extremely high or low temperatures.

⊘ Do not use near heaters, stoves and other heat sources.

⊘ Avoid high humidity or areas prone to water splashes.

⊘ Avoid areas with excessive vibration, dust, or sand.

■ **AC Adapters + DC Adapters**

❶ Always disconnect the plug, not the cord, when unplugging.

❶ Unplug the adapter when the unit is not in use for extended periods or during lightning storms.

■ **Products that use Built-in batteries**

Note: Risk of explosion or the leakage of flammable liquid or gas.

⊘ Keep devices and batteries away from extreme heat or very low or high atmospheric pressure, such as high-altitude locations.

⊘ Never attempt to incinerate, crush, or physically damage used batteries, (or any battery)

■ **Battery Installation and Usage**

❶ Always insert batteries with the correct polarity (+/-).

❶ Use only the recommended battery type for the device.

❶ Avoid mixing old and new batteries or combining different brands or types.

❶ Remove batteries if the device will remain unused for an extended period to prevent leakage.

❶ Power off all equipment before making any cable connections.

NOTE: If you encounter leaking batteries, stop using the device immediately and contact iCON Pro Audio's technical support team.

■ **Connecting cables and devices**
❶ Ensure all equipment is powered off before connecting any cables or external devices.
❶ Disconnect all cables and accessories before moving the device to avoid damage.

■ **Microphones**
❶ Turn off the power to the device before connecting any microphones.
❶ Handle microphone plugs gently to prevent damage.

■ **Volume**
❶ Avoid prolonged use at high volume levels to protect your hearing.

Precautions for Operational Use

■ **Interference**
This product is designed to limit electromagnetic emissions and resist external interference. However, placing it near devices that are highly sensitive to interference or emit strong electromagnetic waves may cause disruptions. If interference occurs, increase the distance between this product and the other equipment. Try reorienting the devices, changing frequency/channel (if appropriate).

Electromagnetic interference can affect any electronic device, potentially causing malfunctions, data corruption, or other issues. Exercise caution when using this product in proximity to other electronic devices.

■ **Cleaning**
To clean the exterior, use a soft, dry cloth. If required, very slightly dampen a suitable cloth.
For rubber or silicone components, gently clean with a damp, lint-free cloth.
Avoid abrasive cleaners, waxes, or solvents such as alcohol, benzene, or paint thinners.

■ **Temperature**
Prolonged use may cause the device to feel warm. This is normal as long as it remains safe to touch. If you judge the equipment to be too warm, turn the device off, disconnect from the mains supply and/or remove batteries (removeable batteries only - do not attempt to remove built-in batteries). Contact the iCON tech support department for guidance.

■ **Malfunction**
In the event that the device malfunctions or is damaged, immediately turn it off, disconnect the power source, remove batteries, and unplug all cables and connected devices. Contact iCON Pro Audio technical support.

In addition, please....

1. Do not block any ventilation openings or interfere with the proper ventilation of this unit. Install in accordance with the manufacturer's instructions.

2. Do not interfere with the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. These are designated for your safety. If the provided plug does not fit into your outlet, consult an electrician.

3. Protect the power cord from being walked on or otherwise damaged by items placed on or against them. Particular attention should be given to the plugs, receptacles, and the point where the cord exits the appliance.

4. To avoid the risk of electrical shock, do not touch any exposed wiring while the unit is in operation.

5. Only use attachments/accessories specified by iCON.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVIDEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED PERSONNEL

ATTENTION: POUR EVITER LES RISQUES DE CHOC
ELECTRIQUE: NE PAS ENLEVER LE COUVERCLE. AUCUN
ENTRETIEN DE PIECES INTERIEURES PAR L'USAGER.CONFIER
L'ENTERETIEN AU PERSONNEL QUALIFIE.
AVIS: POUR EVITER LES RISQUES D'INCENDIE OU
D'ELECTROCUTION, N EXPOSEZ PAS CET ARTICLE
A LA PLUIE OU A L'HUMIDITE

The lightning flash with arrowhead symbol within an equilateral triangle.is intended to.alert the user to the presence of uninsulated dangerous voltage within the product s enclosure, that may be of sufficient magnitude to electric shock to persons. Le symbol.clair avec point de fl che l int·rieur d un triangle quilat ral est utilis pour alerter l utilisateur de la pr sence l int rieur du coffret de vottage dangereux non isol d ampleur suff

exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (serviving) instructions in the literature accompanying the appliance. Le point d exclamation l int rieur d un triangle quilat ral est employ pour alerter les utilisateurs de la prsence d instructions importantes pour le fonctionnement et l entretien (service) dans le livret d instruction accmpagnant l appari l.

WARNING: To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture

Introduction

Firstly, congratulations on your purchase of the ICON Pro Audio GoLive Pro. In these pages, you'll find a detailed description of the features of the GoLive Pro and a full list of specifications.

Please register the product on our website at the link below
 www. iconproaudio.com/registration

As with most electronic devices, we strongly recommend you retain the original packaging. In the unlikely event that the product is returned for servicing, the original packaging (or reasonable equivalent) is required. With proper care and adequate air circulation, your Go Live Pro unit will operate flawlessly for many years to come.

We trust that this product will provide years of excellent service, but in the unlikely event that your product does not perform to the highest standard, every effort will be made to address the issue.

Please note this product is not suitable for use with DAWs such as Pro Tools and Cubase. It is designed as a standalone product for use with live streaming applications on your mobile phone, PC and Mac and for live use.

What's in the package?

- GoLive Pro
- USB A-C cable
- Mini XLR - XLR cable (2 meters)
- 2x Audio Adapter
- Remote Control
- 2x 3A (AAA) batteries for remote control

Register your iCON Pro Audio product to your User Center

1. Check the serial number of your device

Please go to **http:// iconproaudio.com/registration** or scan the QR code below.

Input your device's serial number and the other information on the screen. Click "Submit".

A message will pop up showing your device information such as model name and its serial number. Click "Register this device to my account". If you see any other message, please contact our after-sales service team

2. Log in to your personal User Center for existing users or sign up as a new user

Existing user: Please log into your personal User Center by inputting your user name and password.

New user: Please click "Sign Up" and fill in all the information.

3. Download all useful materials

All your registered devices under your account will show on the page. Each product will be listed along with all its available files such as drivers, firmware, user manuals in different languages and bundled software etc. for download.

Features Pt. 1

The GoLive Pro redefines portable audio production by combining professional-grade audio processing in a 'standalone' user-friendly design, making it the perfect tool for live streaming, podcasts, and creative productions. With 24-bit, 48kHz resolution, it ensures exceptional sound clarity, while its built-in 5000mAh lithium battery offers up to six hours of uninterrupted use, giving you the freedom to create anywhere.

Ideal for outdoor use, the GoLive Pro is perfect for live social media broadcasts or content creation no matter the location. The GoLive Pro's extended battery capacity and rock-solid reliability will get the job done! The GoLive Pro fits in your pocket when your broadcast is done!

At the heart of the GoLive Pro is its high-grade DSP processor, developed in Germany, which provides studio-quality effects without the need for external equipment. Users can choose from features like reverb, vocal tuning, and harmony, allowing for everything from subtle enhancements to dynamic vocal layering. The EQ controls (adjustable high, mid, and low frequencies) enable fine-tuning to suit different environments and sound profiles. Additionally, its Noise Reduction feature minimizes unwanted background noise, ensuring pristine audio quality.

With a mini XLR input, optional +48V phantom power and a 1/4 inch (6.35mm) TRS inputs with optional +5V phantom power, the GoLive Pro, caters to a wide variety of professional microphones, offering up to 60dB of gain per input.

The OTG USB-C port, powered by iCON's proprietary UNI technology, ensures high-quality streaming and PC/Mac compatibility, enabling direct access to the included FX Play software for further customization.

The 1.3 inch full-color TFT display provides a crisp and clear interface, displaying detailed audio levels and settings. Multi-functional buttons and an accurate, large format rotary encoder give you precise control over parameters such as EQ adjustments, effect intensity, and other critical audio settings. This highly ergonomic design ensures quick adjustments during live broadcasts, letting you focus on your creativity.

Podcasters and broadcasters will appreciate that the device is fitted with a high quality internal condenser mic, so there is no need to carry around additional equipment if that's how you roll! Simply charge up the device and go!

Advanced features like the Voice Over function (Attenuator), which automatically lowers background music volume when the microphone signal is detected, ensuring seamless transitions and clear speech is a key feature which many broadcasters will no doubt appreciate. The Vocal Remove feature is another highlight, reducing vocals from commercial tracks by up to 99%, making it ideal for karaoke broadcasts or cover videos. The Backing Track Pitch Shift function lets you adjust the key of your music to match your vocal range, adding flexibility to your performances.

Designed for ease of use, the GoLive Pro includes a remote control for hands-free operation, giving you the ability to adjust settings or trigger effects from a distance – it's ideal for triggering samples/jingles for example.

For added creativity, the GoLive Pro's remote control comes with nine sample trigger pads, preloaded with fun sound effects such as applause, laughter, and jingles. Using the FX Play software, you can replace these with your own custom samples, making them perfect for podcasts or radio shows. The Loopback functionality also simplifies streaming to online platforms when using computers.

The FX Play software package provides access to exclusive features such as 'Exciter' and 'Compressor' modules. Parameters for these features can be configured within the software, and the hardware will retain the settings for future use. In addition, various feature parameters such as Low and High cut levels can be set via FX Play, so all you have to do is press the 'Filters' button and the hardware will activate the settings you have applied via FX Play.

Robust, extremely portable and compact, the GoLive Pro is constructed to handle the demands of professional and exacting creators, whether you are performing or broadcasting at an outdoor event, or creating your own podcasts or other content at home. It's not just a tool but an all-in-one solution for modern content creation. Whether you're streaming to your audience, or recording in a remote location, the GoLive Pro delivers unparalleled flexibility, exceptional audio quality, convenience and durability.

Features Pt. 2

- Functions as a 24-bit, 48kHz portable, stand-alone device for high-quality audio with studio-grade digital signal processor using algorithms developed in Germany - ideal for streaming or social media content creation

- Built-in high quality condenser microphone

- 1.3-inch full-color TFT screen for digital metering, parameter display, and audio levels

- 16 multi function buttons

- Smooth-action rotary encoders for real-time adjustment of settings and parameters

- 1x mini XLR mic input with optional +48V phantom power

- 1x 1/4 inch (6.35mm) TRS input with optional +5V phantom power

- 60dB mic gain per input

- 3.5mm TRRS headset input/output

- Cable protector

- UNI OTG USB-C connection using iCON's UNI technology for high quality audio and super stable streaming in addition to PC/Mac connectivity

- 5V DC USB-C charging port

- Adjustable EQ for high, mid, and low frequencies

- Reverb

- Vocal Tune (5 types)

- Harmony (5 types)

- Backing Track Pitch Shift to adjust tracks to match vocal range

- Innovative Vocal Remove function reducing vocals from commercial tracks by 50% and 99%

- Filters button activates configurable High-Pass and Low-Pass Filters

- Bluetooth functionality for streaming background music

- Voice Over button (Attenuator)

- Headphone gain control (rotary encoder primary function)

- Dedicated buttons for mic gain for both inputs 1 and 2

- Dedicated lock button

- Remote control included for seamless operation during performances or broadcasts

- Nine preloaded jingle/sample trigger pads (remote control only)

- Jingles/samples customizable via FX Play software

- User 1 and User 2 keys for loading and saving customized settings

- Ability to save and load multiple personal presets via FX Play

- Dedicated FX Play software compatible with PC and Mac, for managing effects and customization

- Additional modules such as Compressor, Exciter, Noise Reduction and Reverb filters (low and high cut) available via FX Play

- 5000mAh lithium battery for up to six hours of continuous use on a full charge, powered via 5V DC adapter for extended sessions
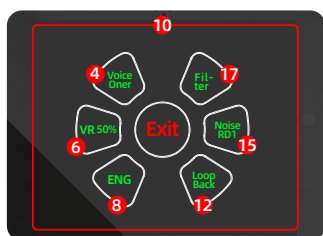
Front Panel

Due to its compact size, many of the buttons on the GoLive Pro have dual functions. Here is a very brief overview of the features, what the functions are and how to access them, followed by an in depth 'tour'.

Ref	Function (A)	To enable secondary function:	Secondary function (B)
1	Built-in electret microphone	x	x
2	BT (Bluetooth)	Select DSP feature (such as Reverb)	Function key 2
3	+5V Phantom Power	Select DSP feature (such as Reverb)	Function key 1
4	UNI OTG ("On the Go" - USB-C output)	Press 'MENU' then 'UNI OTG'	Voice Over
5	Activate internal mic	x	x
6	BGM ("background music" via Bluetooth)	Press 'MENU' then 'BGM'	Vocal Remove - (VR) 1 button press: 50% VR 2 button presses: 99% VR 3 button presses: off
7	User A and User B	x	x
8	EQ (Equalisation - Low, Mid, Hi)	Press 'MENU' then 'EQ'	Language Choice (Eng/Chinese)
9	Infrared sensor (for remote control)	x	x
10	Menu (launches access to secondary functions) Press again to EXIT.	Press sub menu button	Sub menu: Voice Over, Voice Remove, Language choice, Filters, Noise Reduction & Loopback
11	Headphone level control	Select feature parameter	Rotary encoder (controls feature parameters)
12	KTV (Karaoke Television preset mode – default)	Long press 'KTV/PRO' button	PRO preset mode (Professional singer mode)
13	HMY (Harmony)	Press 'MENU' then 'HMY'	Loopback
14	CHAT (Preset mode)	x	x
15	VT (Vocal Tune)	Press 'MENU' then 'VT'	Noise RD (Noise Reduction)
16	MUTE	x	x
17	REV (Reverb)	Press 'MENU'	Filters (Low and High cut)
18	+48V Phantom power	Select DSP feature (such as Reverb)	Function key 3
19	1.3 inch TFT LCD screen	x	x

Function buttons (F1, F2, F3) are enabled when pressing buttons such as 'Reverb' - users may adjust the corresponding parameter (shown on screen) by pressing F1, F2 or F3 and then adjusting the rotary encoder.

Location of Secondary functions (as described above & in the following in-depth descriptors):

Green indicates the function is 'on'

Front Panel

1. Built-in electret condenser microphone

A high-quality built-in electret microphone, designed to deliver clear and natural sound reproduction. With its compact and durable design, the microphone ensures reliable performance, while capturing vocals with precision. The integrated microphone eliminates the need for external audio equipment, offering a streamlined solution for portable setups. It is enabled by pressing the 'activate internal mic' button (8) and occupies Mic 1 circuitry when in use. However, both the internal mic *and* Mic 1's input can be used simultaneously when the internal mic is in use. Press the 'activate internal Mic' button (8) again to de-activate the internal Mic. Mic gain is adjusted via the Mic 1 gain control, (left hand side of the device).

2. Bluetooth/Function Button 2 (F2)

This button's primary function is to activate Bluetooth. The button will illuminate - on the display the symbol will flash until paired with a device, at which point it will be constantly lit. See the 'Using Bluetooth' section (page 40) for detailed instructions on how to pair a device. Its secondary function is to act as the second in a series of three 'function buttons', as described below.

3. +5V/Function Button 1 (F1)

This button provides +5V phantom power to mic input 1 (1/4-inch or 6.35mm mic input), specifically for condenser microphones that require +5V phantom power via this input. Its secondary function is to act as the first in a series of three 'function buttons'. When a function button, such as 'Reverb,' is activated and multiple adjustable parameters are available, the relevant function buttons (F1, F2, F3) will flash to indicate which buttons should be pressed to adjust the corresponding parameters displayed on the screen. For instance, with 'Reverb,' pressing 'F1' and turning the rotary encoder adjusts the reverb 'time,' while pressing 'F3' and turning the rotary encoder adjusts the reverb intensity (amount). 'F2' does not light up and is not used for reverb adjustments. However, it is used in other instances, for features where there are three adjustable parameters.

4. A:UNI OTG / B: Voice Over

A - UNI OTG: Press this button and adjust the rotary encoder to control the output level of the OTG channel.

B - Voice Over: Activating Voice Over mode (the attenuator)by pressing 'Menu' and then the 'OTG' button. This will ensure the volume of the music/audio signal (via BGM delivered via Bluetooth, OTG or jingles) is lowered when there is an input signal from inputs 1 or 2, (i.e. a voice via a microphone). The volume will gradually increase again when there is no input signal. This is often referred to as 'ducking the signal'-a technique used by radio D's in professional broadcasts.
Switch 'Voice-0ver' mode on or off as required - it will affect Mic 1 and Mic 2 signals simultaneously

5. Activate internal Mic button

Activates the internal condenser mic.

6. A: BGM (Background Music) /B: Vocal Remove

A - BGM: Press this button to enable function buttons 1 and 3, (F1 and F3). These buttons will flash indicating that they are ready for use. Press F1 and then adjust the rotary encoder to control the input level of the background music (∞ (infinity) to 6dB), as delivered via Bluetooth. Press F3 and adjust the rotary encoder to change the pitch of the background music. The parameters are adjustable between -6 and +6 steps, (semitones/half steps). Selecting 0 is equivalent to the feature being switched OFF. There may be a very slight delay in the signal transmitted from the phone, the extent of which is dependent on the playback software and the phone used.

B - Vocal Remove: By pressing Menu and then the BGM button, a portion of the vocal signal of the background music delivered via Bluetooth will be removed, (given that this is a track with vocals). Press once and 50% of the vocal portion of the track will be removed. Pressing the button again results in 99% of the vocal portion of the track being removed. The display will show corresponding information (i.e. VR 50% or 99%). Press a third time to turn the Vocal Remove feature off.

7. User A and User B buttons

In KTV, CHAT or PRO modes, select the changes you wish to make, (i.e. a change to reverb or EQ). Long press either button to save your new settings. Short press the button at any time to activate your preset for 'User 1' or 'User 2'. We have configured a defual setting of User1 and User2 for you

8. A: EQ (Hi, Mid, Low)/B: Language choice

A - EQ: This 3 band EQ features low, mid and high frequencies at carefully selected frequency points - simply increase or decrease the values by selecting the EQ button, then one of the function buttons (the F1, F2 or F3 buttons which will flash). Adjusting the rotary encoder clockwise and anti-clockwise will alter the corresponding frequency (hi, mid or low).

B - Language Choice: Select 'Menu' and then the EQ button. The operational language will toggle between Chinese and English.

9. Infrared sensor

This infrared sensor decodes signals sent by the remote control's infrared transmitter to execute corresponding commands. The area in front of the infrared panel must remain unobstructed for effective remote control use.

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10. Menu

Pressing this button launches a menu in the display. The physical layout of the display echoes the layout of the six physical buttons which surround the Menu button on the front panel. Once Menu is pressed, these buttons take on a secondary function as indicated in the LED display, namely 'Voice Over', 'VR' (voice reduction), 'Language (a choice between English or Chinese), 'Filter', 'Noise RD' (Noise reduction) and 'Loopback'.

11. Headphone level control/Multi functional Rotary Encoder

The large rotary encoder serves multiple functions. By default, it operates as the Headphone gain control. When a function button like 'OTG' is pressed, the rotary encoder adjusts the specific parameter associated with that feature. For function buttons with multiple controllable parameters, such as 'Harmony,' pressing an additional button (F1, F2, or F3) is required to select the corresponding parameter. If there are two parameters, two F keys will illuminate (flash); if there are three parameters, all three F keys will light up/flash- indicating which buttons should be used to make adjustments.

12. A: KTV mode B: PRO mode

A - KTV mode: This button activates KTV mode (Karaoke Television), which allows the user to use all of the vocal effects and features such as EQ, Vocal Tune, Harmonizer and so on.

B - PRO mode: Long press the KTV button (2-3 secs) to activate PRO mode (the settings are specially tuned for a professional singer), which allows the user to use all of the vocal effects and features such as EQ, Vocal Tune, Harmony and so on.

KTV (16a) is optimized for karaoke with a livelier sound and settings tuned to enhance vocals in a performance setting.

PRO (16b) is optimized for professional audio, with more balanced and neutral preset settings to suit professional recording, broadcasting or live performance.

CHAT (13) bypasses sound processing in favour of a more 'neutral' sound, ideal for podcasts, narration and radio.

Please see the CHAT/KTV/PRO Functionality Chart at the end of this section for further information.

13. A: Harmony/B: Loopback

A - Harmony: Activate the Harmony function by pressing this button. The adjustable parameters will populate the display and the three function buttons will flash. Select the corresponding button to adjust the given parameter using the rotary encoder, namely;
F1: Scale (C-B)
F2: Intensity (the amount of applied harmony effect)
F3: Type (the nature of the effect - please see the chart on page 37)

Press the Harmony button to turn off.
Vocal Tune may **not** be used in combination with Harmony.

B-Loopback: Press 'Menu' and the Harmony (HMY) button to activate the Loopback function. This feature directly routes the device's signal input from the USB OTG to the USB OTG output. As a result, when the GoLive Pro is connected to a computer/phone via a USB A to C cable (or USB-C to USB-C cable if so equipped) for live streaming, you can play background music on the computer/phone. By enabling Loopback, the background music is combined with the user's voice from the GoLive Pro and can be sent directly to the computer's live streaming software, (please consult your streaming app's instructions). This function is only available on device itself and not via the FX Play software.
Note: When connecting a phone/PC via OTG and using it to provide background music, enable this function to ensure OTG output includes the background music. If the connected phone/PC via OTG does not send signals to the device, simply enable "Mic Monitor" via the FX Play software, (enabled by default). This will allow headphones to detect the OTG output (there will be a slight difference in volume).

Mic Monitor can be accessed via the included FX Play software. When Mic Monitor is enabled headphones will relay the sound created via the microphone. When Mic Monitor is disabled, the headphones <u>cannot</u> monitor the sounds created via the microphone, but the OTG port will still output the microphone sound if using OTG.

14. CHAT preset mode

This button activates 'chat mode'. Sound processing is bypassed in this mode i.e. Harmonizer, Vocal Tune etc. EQ is available in this mode, (indicated by the EQ section being illuminated).

15. A: Vocal Tune (VT)/ B: Noise Reduction (Noise RD)

A - Vocal Tune: Press to activate the 'Vocal Tune' function. The adjustable parameters will populate the display and F1, F2 and F3 will flash. Pressing the relevant F button will allow the user to adjust the rotary controller to modify the associated parameter - namely;

F1: Press once:scale(C-B)/Press twice: Select Minor or Major
F2: Intensity (the amount of applied vocal tune effect)
F3: Type (the nature of the effect - please see the chart on page 37).

Vocal Tune may **not** be used in combination with Harmony.

B - Noise Reduction (NR): After pressing the Menu button, this button is allocated to the Noise Reduction function. This function has two stages - medium noise reduction and maximum noise reduction. This is instigated by pressing the NR button once for medium NR (shown as NR1 on the display) and twice for maximum NR (shown as NR2 on the display). Press again to turn Noise Reduction off.

16. Mute

This button mutes the Mic 1 and Mic 2 inputs.

17. A: Reverb /B: Filters

A - Reverb: Press this button to activate reverb mode. In this mode there are two adjustable parameters - time and intensity. These can be adjusted by subsequently pressing F1 (time) and F3 (intensity) and adjusting the rotary encoder for both.

Both are presented in percentage values i.e. 0-100%.

If reverb is not required at all, it is recommended that it is turned off via FX Play, rather than turning the knob to 0, as the reverb module will remain on.

B - Filters: Activate filters by selecting 'Menu' and then pressing the 'Reverb' button. There are two filters; a high pass filter (HPF), otherwise known as a 'low cut' (as it cuts the lower frequency 'rumble') and the low pass filter (LPF), or put more simply - a high cut, which can help eliminate high frequency harshness. These can be set up via the FX Play software and activated when required via the GoLive Pro hardware. The filters affect the Mic 1 and 2 inputs only.

18. +48V/Function Button 3 (F3)

This button primarily provides +48V phantom power to mic input 2 (mini XLR), specifically for condenser microphones that require +48V phantom power via this input using the mini XLR - standard XLR connector provided. Its secondary function is to act as the third in a series of three 'function buttons'. See the description of the F1 button (function button 1) - Point 3 on page 15 for a fuller understanding of this feature.

19. 1.3 inch TFT LCD Screen

This multi colored display shows audio signal levels for specific channels such as microphone inputs (MIC 1, MIC 2), background music (BGM), and headphone output (HP) in numeric and graphic form. The colored segments indicate signal strength, with green for low, yellow for medium, and red for high, signifying potential clipping. Labels such as CHAT, NR etc. show the status of various modes and functions (i.e. illuminated for 'on').

The Display
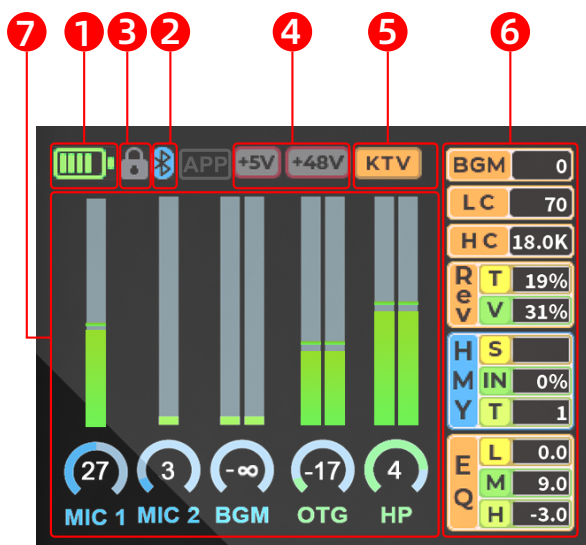
1. Battery level
This symbol displays the battery level status. The display has six states, represented by five battery bars:100%,80%,60%,40%,20%,and 5%(with the last bar flashing).

2. Bluetooth status
- This symbol displays the Bluetooth connectivity status.
- Unlit: Bluetooth is not connected.
- Flashing: After pressing the Bluetooth button, the unit is in pairing mode and searching for a device.
- Solidly Lit: Bluetooth is successfully connected to a device.

3. Lock symbol
This symbol will be illuminated when the lock is activated on the device.

4. +5V and +48V status (Mic channels 1 and 2)
This symbol displays whether the +5V (Mic input 1 - 1/4 inch (6.35mm jack) and/or +48V (Mic input 2 - Mini XLR) power is turned on. The '+5V' and '+48V' symbols will be illuminated in red when phantom power is active for either input. The corresponding symbol will remain unlit (gray) when phantom power is not activated for either mic input.

5. Displays for U1, U2, KTV and CHAT

Switching between U1, U2, KTV, PRO and CHAT modes will result in the display changing to the corresponding mode, here.

6. Displays for Filter, Reverb, Harmony and EQ

The displayed information on the right hand side of the display, contains data related to Filters, Reverb, Harmony and EQ. When data is presented in dark gray, it is inactive. Active parameters are highlighted in vibrant, bright white.

BGM `0`	*Background Music (pitch)* *-6 to +6 semitones/half steps 0= no change in pitch*
LC `70` **HC** `18.0K`	*Filter* *LC: LOW CUT (Hz)aka High Pass Filter (HPF)* *HC: HIGH CUT (kHz) aka Low Pass Filter (LPF)*
R **T** `19%` **e** **v** **V** `31%`	*Reverb* *T: Time (%)* *V: Value (amount of applied reverb) (%)*
H **S** **M** **IN** `0%` **Y** **T** `1`	*Harmony* *S: Scale (C-B)* *I: Intensity (amount of applied harmony) (%)* *T: Type (1-5)*
E **L** `0.0` **Q** **M** `9.0` **H** `-3.0`	*EQ* *L: Low (-15 dB - +15dB)* *M: Mid (-15 dB - +15dB)* *H: Hi (-15 dB - +15dB)*

7. Input level displays and metering

Numeric and visual LED level indicators and metering for Mic 1/Mic 2, BGM (background music), OTG ("on the go"), Master and Headphone channels.
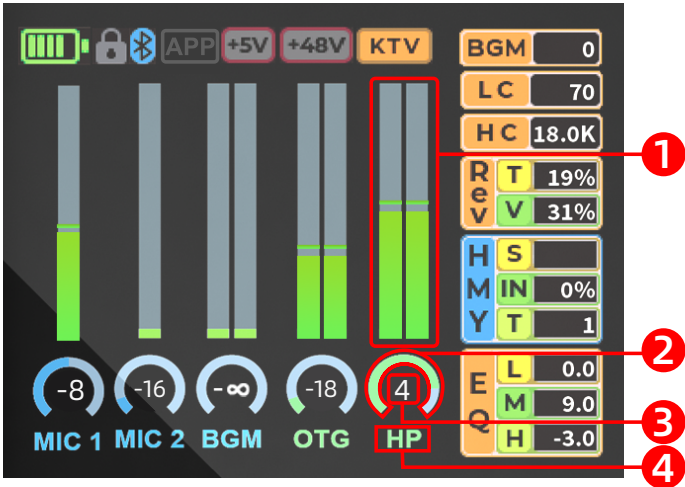

① .The green bars indicate the strength of the audio signal. As the signal gets stronger, the bars light up higher.
The meter helps monitor whether the signal is too weak, optimal, or clipping (distorting). When the level gets 'hot' (i.e. close to possible distortion), the top part of the meter will illuminate in orange. It will illuminate in red when clipping.

② .This represents the amount of applied signal for this channel.

③ .This indicates the current audio level in decibels (dB).
A negative number like "-5.2 dB" means the signal is below 0 dB, which is the threshold for clipping (distortion). It's often a safe level.

④ .Channel type

8. Battery indication LED

When the device is fully charged and in normal operation this red LED will be off. while charging, the red LED remains illuminated. In the event of a charging error-such as excessive battery temperature or insufficient charging voltage-the red LED will flash.

This indicator light only displays the charging status. To check the exact battery level, refer to the battery level display in the upper left corner of the screen. The display has six states, represented by five battery bars:100%,80%,60%,40%,20%,and 5% (with the last bar flashing).
Charging the device takes approximately 3.5 hours with a standard 5V/3A charger.

23
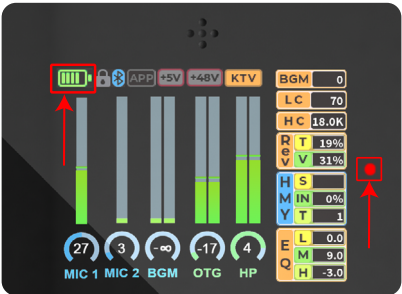
Individual Function Screen Displays

Mic Gain
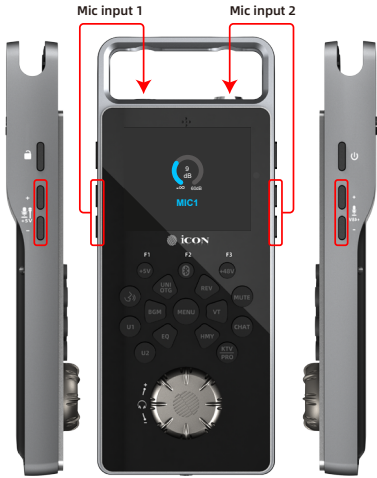
When adjusting Mic Gain 1& 2 (these displays appear, enabling precise adjustment of the mic input controls (located on the side panels) from ∞ to 60 dB. Once adjusted, the display returns to its default display state.

BGM (Background Music)

When adjusting the potentiometer for BGM (Background Music), this display appears.

Press F1 to control the input level of the BGM (delivered via Bluetooth) using the rotary encoder. Adjustments can be made from ∞ to 6dB.

Press F3 to control the 'pitch' of the BGM via the rotary controller.
The BGM pitch value is displayed in this box as a numeric value (-6 to +6). These are semitones/half steps. If '0' is displayed, the BGM pitch has not been adjusted and is 'OFF'.

This function is only applicable to background music (backing tracks) delivered to the unit via the Bluetooth connection.

Once adjusted, the screen returns to its default display state.

UNI OTG ("On the Go" connectivity for streaming)

This display appears when the OTG button is pressed. Modify the output level of your OTG ("On the Go") connection via the rotary encoder.

Adjustments can be made from ∞ to 6dB. Once adjusted, the screen returns to its default display state. Please be reminded that OTG connections require special OTG cables and/or OTG adapters to connect to Android and iPhones, (a standard USB cable will not process an OTG signal).

Headphone Output display

When adjusting the rotary encoder, this display appears. Adjustments can be made from ∞ to 6dB. Once adjusted, the screen returns to its default display state.

EQ: LOW, MID, HI
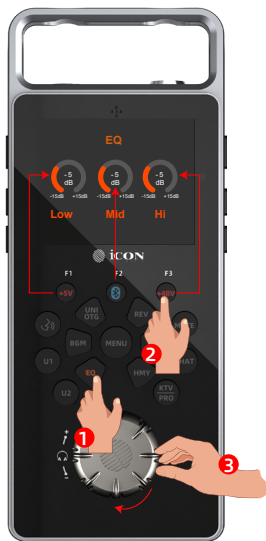
This screen appears when adjusting Low, Mid and Hi EQ potentiometers. The EQ frequencies are carefully selected, so you only need to concern yourself with how much or how little of each frequency band you would like to add or subtract. The available range is -15 dB to +15dB for all three bands. Values are presented in illuminated circular arcs and numerically, within the semicircle. Adjust low, mid and hi bands by selecting the corresponding function key (F1-F3) and adjusting the rotary encoder. The screen will revert to it's default setting when parameters are no longer being adjusted.

Vocal Tune

When pressing the Vocal Tune button, the display shown below appears.
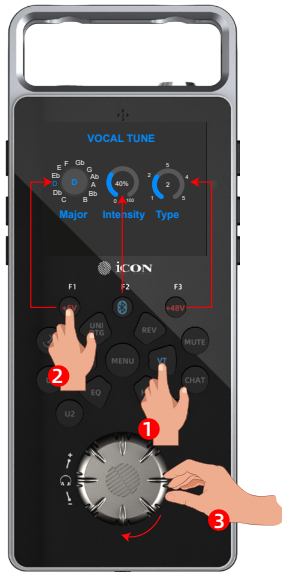
A: MAJOR/MINOR
Select the musical key for tuning in major or minor scale here. The selected key is highlighted in blue.

B: INTENSITY
Select the intensity of the vocal tuning here (i.e. the amount). Percentage values are shown on the display (i.e. 0-100%).

C: TYPE
You can choose 5 different types of vocal tuning effect via this potentiometer.

Select F1, F2 or F3 and then turn the rotary encoder to adjust the values of Scale, Intensity and Type.

Press Fl twice to select either a Major or Minor variant of the chosen key.

Harmony

When pressing the Harmony button, the display shown below appears. This is very similar to the Vocal Tune display screen.

A: SCALE
Select the musical key of the harmony here. The selected key is highlighted in blue.

B: INTENSITY
Select the intensity of the harmony here (i.e. the amount). Percentage values are shown on the display (i.e. 0-100%).

C: TYPE
You can choose 5 different types of harmony effect via this potentiometer.

Reverb

This display for reverb 'Time' and 'Intensity '(amount) appears when you select 'Reverb' (REV) . Select F1 and F3 to modify the given value with the rotary encoder.

Menu

Navigate to the secondary features menu, by pressing MENU.
Then press the associated button as indicated onscreen.

A:Voice Over(1+2)
Active: Green / Not active: white

B:Vocal Remove(1+3)
Active: Green / Not active: white

C:Language selection(1+4)
English/Chinese: press to toggle

D:Loopback(1+5)
Active: Green / Not active: white

E:Noise Reduction(1+6)
Active: Green / Not active: white

Press once: Noise NR1
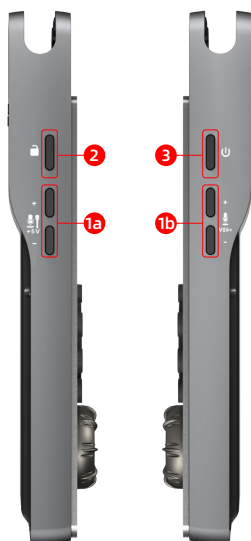Press twice: Noise NR2
Press 3 times: Off

F:Filters(1+7)
Active: Green / Not active: white

G:Exit(1)
Exit back to main display

GREEN indicates that the function is ON.

Side Panels

1. Mic inputs gain control 1/2

The +/- buttons on the side panel control the input level of the associated analog microphone inputs. The mic gain for both channels is adjustable from ∞ (infinity)* to 60dB.

1a controls the input gain for Mic input 1 (1/4 inch (6.35mm) jack)

Mic 1 gain control is also used for the headset mic when connected and the internal mic when selected.

1b controls the input gain for Mic input 2 (mini XLR)

The remote control buttons can also be pressed to increase and decrease the amount of gain, (top = increase, bottom = decrease) for the respective mic input.

2. Lock button

Use this button to lock the device's settings. All buttons will be locked except the power switch. Long press to activate and deactivate. Additionally, this button can be pressed in combination with KTV and Chat buttons to reset KTV/ Pro and Chat modes to the factory default settings. Additionally, U1 and U2 can be reset to factory settings in this way. A 'floppy disc' symbol will momentarily populate the screen to indicate that the modes have been reset.

3. Power button

Power the unit on and off here. Press and hold to turn on the unit. Press and hold to turn the unit off.

Top Panel
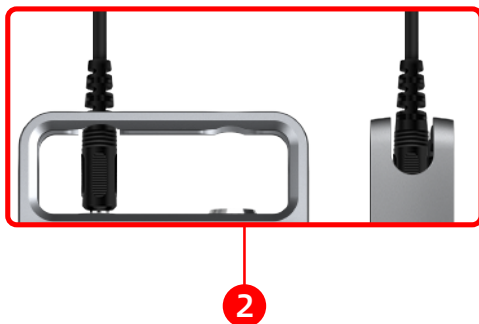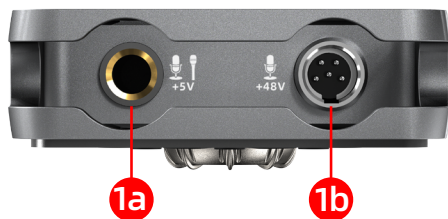
1. Mic Inputs - XLR + 1/4 inch (6.35mm)

Mic input 1 **(a)** - 1/4 inch (6.35mm) connector is intended for use with a dynamic microphone or condenser microphone requiring +5V phantom power. Press the +5V button to turn on phantom power.

Mic inout 2 **(b)** - mini XLR connector - is intended for use with a condenser microphone requiring +48V phantom power or a dynamic microphone via the mini XLR to standard XLR connector (supplied). Press the +48V button to turn on phantom power.

2. Cable Protector

This sturdy frame protects cable 'ends' typically prone to twisting and bending, ensuring longevity for your cables.

Bottom Panel

1. USB (Type-C) - Power supply connector
The GoLive Pro is battery powered. Connect a 5VDC power supply adapter (such as a standard phone charger) to this USB-C port to charge the battery, or alternatively to power it via a domestic wall socket.

2. Headset connector
Connect your headset or headphones to this port. This output jack accepts a standard 3.5mm stereo TRRS headphone connector. Gain is controlled via the Mic 1 gain control buttons (left hand side of the device).

3. UNI OTG (USB 2.0 Type-C)
Connect this port with a OTG capable USB cable provided to your mobile device or computer to broadcast to social media and record videos using the exemplary audio quality provided by the UNI OTG connection.
Please note that an Apple Camera kit/Adapter device and/or OTG adapter is required when using the OTG connection as well as an OTG capable USB cable.
Please note that not all mobile phones are OTG compatible and your phone may require additional configuration to make it functional with OTG.

The USB-C connector also serves to enable connection to a PC or Mac for access to the FX Play software.

Remote Control

	Description
1	BGM pitch up/down
2	Headphone volume up/down
3	Reverb amount (up/down)
4	Noise reduction (med/max/off)
5	Vocal Remove (med/max/off)
6	'Pro' preset mode
7	User 1 mode
8	'KTV' preset mode
9	User 2 mode
10	Filters on/off
11	'Chat' preset mode
12	Mute (Mic inputs 1/2)
13	Mic 1 gain up/down
14	Mic 2 gain up/down
15	BGM gain up/down (via Bluetooth)
16	Sample/jingle triggers
17	Universal jingle volume + stop button

The remote control can adjust some of the same parameters as the GoLive Pro hardware. The corresponding controls are referred to in detail in the previous text.

The remote control is extremely useful particularly for podcasts and radio broadcasts. Instantly launch samples of various sound effects, such as laughter, audience applause or your own sound fx and jingles. The remote control is powered by 2x 3A (AAA) batteries. Batteries are included.

More About the KTV/PRO/CHAT Modes

KTV is optimized for karaoke with a livelier sound and settings tuned to enhance vocals in a performance setting.

PRO is optimized for professional audio, with more balanced and neutral preset settings to suit professional recording, broadcasting or live performance.

In both KTV and PRO modes, a full range of effects, including reverb, harmony, EQ, and more are enabled. The primary difference between the modes lies in how these effects are pre-configured or tuned.

In both modes, users can adjust reverb to modify parameters such as the duration and intensity of the reverb effect.

However, there are preset differences between KTV and PRO modes that are not directly visible to the user when using the hardware solely (although visible via FX Play). For example, the dry/wet ratio (the balance between the processed effect and the original sound) is pre-configured differently in each mode, resulting in distinct sound characteristics.

Both modes utilize EQ (equalization), but the underlying settings differ. Each mode has specially curated EQ configurations, defining the placement and emphasis of high, mid, and low frequencies. These tailored settings contribute to the unique audio profiles of KTV and PRO modes.

When a preset mode such as KTV is pressed, users can add and turn off individual modules that are not within the preset i.e. turning on Harmony and turning off the de-esser.

Every time you adjust these parameters/switches, they are instantly saved to your current mode - even if you power off - your unit will remember the settings. lf you switch modes at this point and then switch back, the parameters/switches will still be as they were before the last switch.

To save changes to any of the presets (PRO, KTV or CHAT) as 'User 1' or 'User 2' personal presets, long-press U1 or U2 to save your settings. Press again at any time to reload them. Please note that some elements can only be configured within the FX Play software.

To return to CHAT/KTV/PRO default settings,please long=press the relecant preset button,(i.e. CHAT) + Lock button. Study the following chart to see the differences between each preset.

Note: FX Play allows you to save and load an unlimited number of custom presets. These can be designed from the ground up, starting with individual elements such as EQ, compression, and other effects. There's no requirement to begin with predefined modes like PRO, KTV, or CHAT; you have full flexibility to create tailored presets to suit your specific needs.

KTV/PRO/CHAT Modes Comparison Chart

Mode	CHAT	KTV	PRO
MIC1 Gain		√	
MIC2 Gain		√	
HP Volume		√	
OTG Volume		√	
BGM Volume		√	
Jingle Volume		√	
# De-Esser ON/OFF	√	√	√
# De-Esser Frequency	√	√	√
# De-Esser Gain	√	√	√
Filter ON/OFF	√	√	√
# Low cut Frequency	√	√	√
# High cut Frequency	√	√	√
# EQ ON/OFF	√	√	√
EQ LOW Gain	√	√	√
EQ MID Gain	√	√	√
EQ HI Gain	√	√	√
# Exciter ON/OFF	√	√	√
# Exciter Intensity	√	√	√
# Compressor ON/OFF	√	√	√
# Compressor Ratio	√	√	√
# Compressor Intensity	√	√	√
# Compressor Gain	√	√	√
# Reverb ON/OFF	×	√	√
Reverb Time	×	√	√
Reverb Value	×	√	√
# Reverb Pre High pass	×	√	√
# Reverb Pre Low pass	×	√	√
Vocal Tune/Harmony ON/OFF	×	√	√
Vocal Tune/Harmony Style	×	√	√
Vocal Tune/Harmony Scale	×	√	√
Vocal Tune/Harmony Intensity	×	√	√
BGM Pitch ON/OFF ('0' = OFF)		√	
BGM Pitch Shift Value		√	
BGM Vocal Remove (Off/50%/99%)		√	
Voice Over ON/OFF		√	
# Voice Over Attack Time		√	
# Voice Over Release Time		√	
# Voice Over Music Reduction		√	
Noise Reduction (Off/indoor/outdoor)		√	
Mic Mute		√	
# Mic Monitor		√	
LoopBack		√	

 # Parameters adjustable within FX Play only

Orange cells indicate that the feature is adjustable/operationally available within all 3 preset modes.

Controlling the DSP effects - a quick guide
Reverb
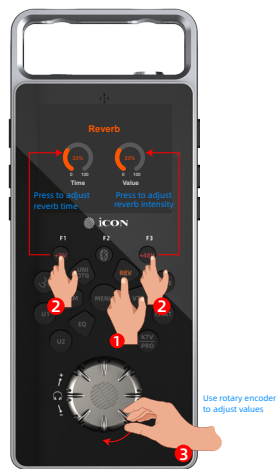
Vocal Tune and Harmony

NOTE: After pressing the VT button to enter Vocal Tune mode, toggle between minor and major scales by pressing the +5V (f1) button.

Vocal Tune

Reminder:
After pressing the VT button to enter Vocal Tune mode, toggle between minor and major scales by pressing the +5V (f1) button.

Type #	Type Name	Description	Intensity Control
1	Pitch Correction	Auto pitch correction gently guides you to the nearest semi-tone according to the selected Key/Scale without making you sound like a robot.	Vibrato Depth
2	Strong Pitch Corr.	Auto pitch correction with less smoothing (so-called "T-Pain" effect)	Gender (Formant)
3	Male to Female	The voice sound (octave and formant) is changed to a female character	Vibrato Depth
4	Female to Male	The voice sound (octave and formant) is changed to a male character	Vibrato Depth
5	Robot Voice	The voice sound (fixed pitch and formant) is changed to a robotic character.	Gender (Formant)

Harmony

Type #	Type Name	Description	Intensity Control
1	Octave Down	Adds a second voice one octave down.	Harmony Voice Level
2	Doubling	Adds a second voice at the same pitch (unison) with some humanization.	Harmony Voice Level
3	3rd Up	Adds a second voice singing a 3rd up (according to the Key/Scale setting).	Harmony Voice Level
4	5th Up	Adds a second voice singing a 5th up.	Harmony Voice Level
5	Octave Up	Adds a second voice one octave up.	Harmony Voice Level

Vocal Remove

Press 'Menu', then 'BGM' once to remove 50% of lead vocal from a commercial track.
Press twice to remove 99% of lead vocal from a commercial track. Press three times to turn off.
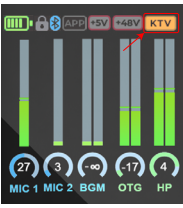**Note: It only takes effect when Bluetooth is connected**

Voice Over

Attenuates (lowers the volume) of the background music via BGM (Bluetooth), audio via OTG or jingles when signal is heard via Mics 1 or 2. Press 'Menu' and ' 0TG'. Voice Over mode affects both Mic inputs 1 &2 simultaneously

Preset: KTV

Press to activate KTV - (Karaoke Television mode).
This preset mode is ideal for Karaoke performances. All effects and EQ are adjustable and specially calibrated for this use.

Preset: PRO
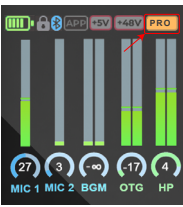
Long press to activate PRO mode - (Professional singer mode). This is a preset mode ideal for live & broadcast performances by professional singers. All effects and EQ are adjustable and specially calibrated for this use.

Preset: CHAT
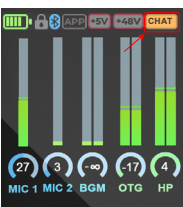
Press to activate CHAT mode. Effects are bypassed in this mode, which is suited for podcasts, narration or hosting events.

NR (Noise Reduction)

Press 'Menu' and then 'VT' to activate NR (Noise Reduction) mode. Ideal for eliminating background noise and hum.

Press once for medium Noise Reduction (suitable for an indoors environment). Press twice for maximum Noise Reduction (suitable for an outdoors environment).

Filters

Press 'Menu' and 'Rev' to activate filters (low cut and high cut)
The settings for both filters can be set via FX Play.
The default setting is off.

Note: Other high grade effects are available within the FX Play software such as a De-esser, Compressor and Exciter. These can be set up within the software and 'sent to' to the hardware in 'real time', (the hardware will 'remember' the settings).
User presets (or 'projects') can be saved and recalled for this purpose.

Using Bluetooth

- Make sure the GoLive Pro unit is turned on and it is in pairing mode, by pressing the Bluetooth button. The button will become illuminated. On the display you will notice that the Bluetooth symbol is flashing. Now choose the device you'd like to pair.

- On your device (computer, smartphone or tablet), go to the Bluetooth settings and pair/connect it to the GoLive Pro unit.

- You will know that GoLive Pro has been successfully connected to your device as the symbol on the display will cease flashing and be permanently illuminated in blue.

- Select your sound file or open the app or website you wish to play on your device. Start playing the video or audio you want to hear.

- In your Audio Output settings, after you have paired the devices, ensure that your device's audio output is set to Bluetooth. You can usually find this option in the audio or sound settings on your device.

- Once connected, the audio should be transmitted wirelessly.

It's worth noting that the steps can vary depending on the device and operating system you're using. If you encounter any issues, refer to the specific instructions for the Bluetooth device you're connecting from. Also, make sure that the GoLive Pro unit and the Bluetooth device are within the effective range for Bluetooth connectivity (5 meters).

How to use Bluetooth for Karaoke Users:

Tip: Karaoke users can use a laptop as their Bluetooth audio source, playing karaoke video files. The music will therefore be routed through the GoLive Pro device, while the video displays the lyrics, allowing you to sing along.

Audio signal is transmitted via Bluetooth to the GoLive Pro

OTG compatible phone configured for use with OTG

Your performance can be performed to social media or recorded via a mobile video app using the OTG connection. Read more about "OTG" in the following pages.

What is "OTG" and how do I use it?

"OTG" stands for "On-The-Go". It refers to a feature available on many modern smartphones and tablets. OTG allows these devices to act as "hosts", enabling them
to connect and interact with various USB peripherals, such as USB flash drives/ keyboards etc. Below we can see an OTG adapter with a USB-C connector. It has a USB A port, into which a USB data flash drive can be inserted.

Once a phone is configured for use with OTG (if required), the photos, files, videos and music files on the flash drive can be accessed via the phone once it is plugged into the phone's USB-C port.
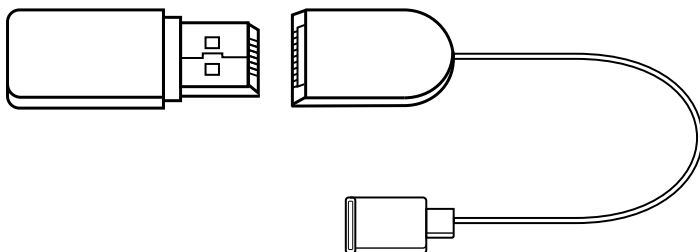
The same technology can be used to broadcast to streaming networks and record video on mobile phone video apps with audio derived from audio interface devices such as the GoLive Pro, hence improving the production value of your streaming/video content.

Some phones are not compatible with OTG, although most modern phones are suitable. However, your phone may need to be configured for use with OTG. Configuration requirements will differ for different operating systems and phone models, (your phone manufacturer should have information on how to do this).

An additional step may be required to ensure that the phone can use external microphones when using OTG for streaming purposes.

In order to broadcast or record to your phone via OTG, a special 'OTG cable must be used in addition to the set up described above as a standard USB cable will not work. 'OTG' cables have an additional pin in the mobile phone connector, which allows the device to act as a 'host'.

Please note that some OTG cables come in the form of 'Y' cables and feature a second cable which allows the phone to charge at the same time as broadcasting/recording via its USB-C port, (i.e. ensure your phone is fully charged when broadcasting if using a standard 'single' OTG cable as you will not be able to charge it at the same time).

Setting Up Your OTG connection

1. Ensure that your smartphone or tablet supports OTG functionality. Most newer Android devices support OTG, but it's always a good idea to verify this in the device
specifications or manual. If the mobile phone does support OTG connectivity, you may need to change the settings on the phone to accept OTG signals, (in some cases this is through setting the phone's USB-C's port to 'File Transfer' and/or setting the phone to accept external microphones - please consult with your phone manufacturer's documentation/support team).

2. Obtain an OTG cable - you will also need an Apple Camera kit/suitable OTG adapter to connect.

3. Turn on the iCON device. Plug in the OTG cable into the iCON device's UNI OTG USB-C port.

4. Plug the other end of the OTG cable into your OTG adapter and then this into your mobile or tablet's charging or data port. Your device should recognize the GoLive Pro immediately.

5. Launch your chosen streaming or recording application on the device.

6. Check to see if it is receiving audio from the device. You should be able to hear the output of the GoLive Pro on your phone/device and/or see the signal of the output (depending on the app you are using).

7. When you have completed your broadcast, safely 'eject' the GoLive Pro. You can usually find an option to eject or safely remove USB 'peripherals' in the settings or notification panel of your mobile device.

   Please note that the above steps may vary depending on your mobile/tablet or iPhone /Android device's manufacturer, model, operating system version, and streaming application.

   Additionally, not all mobile and tablet devices are guaranteed to work with OTG, as some may require specific drivers or have compatibility limitations.

FX Play

Available for Mac and PC.

The FX Play software is a feature-rich interface that controls and enhances the functionality of the Go Live Pro hardware device. It offers both software-exclusive controls and access to parameters with dual software and hardware control, made possible through the use of rotary encoders on the hardware, which software programs can recognize and 'read'.

The software and hardware synchronize in real time, once connected - changes made in FX Play will affect the hardware immediately. Once disconnected from the computer (or the mobile app if you are using this), the settings will be retained by the hardware.

Certain module parameters that cannot be adjusted directly via the hardware can be configured using the FX Play software, including:

- **De-Esser*** (frequency (where de-essing occurs) and amount (intensity of the de-essing))

- **Filters**** (frequencies for High Pass Filter (HPF) and Low Pass Filter (LPF) can be set)

- **Exciter*** (intensity of Excitation - labeled as 0-100%)

- **Compressor*** (Ratio, Threshold and Boost (Make up gain))

- **Reverb**** (Low and High pass filters specifically tailored for the reverb can be set)

- **Voice Over**** (Attack, Release and Value (amount) of BGM reduction can be set)

*software only ** Controls for certain aspects of these features, such as On/Off, Time, and Intensity (i.e. amount of applied effect) etc., are available directly on the hardware. Those parameters referred to above are only adjustable via FX Play.

> **Before opening the software, please ensure that your device is connected to the computer.**

1	File and Settings menus
2	Mixer section
3	VU meter + Noise Gate/Mic Mute/Mic Monitor section
4	Presets and Customization section
5	De-esser
6	Filters
7	Exciter
8	Compressor
9	Reverb
10	Voice Over
11	BGM Pitch
12	Harmony
13	Vocal Tune
14	Jingle/sample trigger buttons (remote control only)
15	EQ (Equalizer)
16	Preset Manager

1. File and Setting Menus

   Located in the top-left corner of the interface, these drop-down menus
   provide access to essential software functions:

- **File:**

- **Save and load projects**

- **Check for firmware updates**

- **Quit the program**

Saving & Loading Projects:
You can load and save your own 'projects'. You may think of a project as a 'preset' or a 'sound profile'.

You may have a project you want to load if you are, for example using the device for the lead vocalist of a band, and another for the purposes of hosting a podcast for example.

Always make sure you give your project name a memorable title and remember where you've saved it!

Please note that U1 and U2 button settings will be saved or loaded along with the other settings in your 'project'.

Creating a dedicated file for FX Play projects is a good idea. Remember that computers do fail from time to time, so it is always a good idea to back up your files to a cloud or USB flash drive.

Firmware Updates:
You can also check for updates to the firmware of your hardware device here. If you decide to update firmware, please follow the guidelines in 'Updating Firmware' at the end of this section.

2. **Mixer Section**
This section comprises of 5 rotary dials controlling the input/output levels of Mic 1 and Mic 2 (input level), Headphones and OTG (output levels) and BGM (the input level of the background music received via the Bluetooth signal).

3. **VU Meter + Noise Gate/Mic Mute/Mic Monitor section** (only available via FX

Play)

The right side of the interface features the Master Control section:

- Noise Reduction (Off/Indoors/Outdoors): Toggle the noise reduction feature to minimize background noise. Parameters for this feature cannot be adjusted.

- Mic Mute: Instantly mute the microphone inputs.

- Mic Monitor: Enables real-time monitoring of the microphone output through headphones. This must be activated to monitor via the hardware. **<u>Mic Monitor is switched ON by default. We recommend 'Mic Monitor' remain ON to enable full functionality of the device.</u>**

When Mic Monitor is enabled headphones will relay the sound created via the microphone. When Mic Monitor is disabled, the headphones <u>cannot</u> monitor the sounds created via the microphone, but the OTG port will still output the microphone sound if using OTG. If this option is turned off, there will be no output from the linear output 1/2 and the headphone output, and there will be no level output on the screen either.

The VU Meter provides a visual representation of the audio output levels, helping to monitor and avoid clipping or distortion.

4. **Presets and Customization section**

The left-hand side of the interface offers preset options for quick configuration:

- CHAT, KTV, PRO: Preloaded audio profiles for different use cases;
- CHAT: Podcasts and radio broadcasts
- KTV: Karaoke Television
- PRO: Enables a professional-grade audio profile for professional singers

- User 1 & User 2: Customizable slots for saving personalized settings.

U1 and U2 allow users to store their preferred settings.
These presets are not entirely independent; they are built upon the three provided default presets (CHAT, KTV, and PRO).

- How Customization Works:
- Start with one of the default presets (CHAT/KTV/PRO)
- Tweak the settings (parameters) to your requirements
- PThese adjusted settings can be saved to U1 or U2 for easy recall. Please read the following section to find out how

How to Create, Customize, Load & Save Presets

1. Select KTV, CHAT, or PRO.
2. Adjust the compressor, EQ, harmony, and other settings as desired.
3. To save your settings, either:
   Long-press U1 or U2 to assign them to the corresponding button on the hardware, or
   Press the adjacent Save button (marked with a floppy disk icon) in FX Play.
4. To load your saved settings, short-press the U1 or U2 button.
5. To reset KTV, CHAT, or PRO to their default settings, long-press the respective KTV, CHAT or PRO button+ Lock button.

Differences Between Changing Parameters within CHAT, KTV and PRO & the U1 and U2 Buttons:

The basic presets (CHAT/KTV/PRO) also save the adjustments made by users when changes are made. When you make a change to one of the presets, for example a reverb parameter within FX Play, it will automatically save.

However, when you make a further adjustment the device/FX Play will automatically save these settings again.

The U1 and U2 buttons offer the advantage of quickly recalling specific settings that you have customized at a given time for easy access.

Differences Between U1 and U2 Buttons and Saving Presets via the File Menu in FX Play

The U1 and U2 buttons allow you to customize and adapt the existing KTV, CHAT, or PRO presets for quick access directly from the hardware.

On the other hand, saving presets as "projects" through the file menu provides the flexibility to create entirely independent presets that are not tied to existing ones, (i.e. KTV, CHAT or PRO). These project files can be saved and recalled using the FX app.

Of course, there is nothing stopping you using KTV, CHAT, or PRO as a starting point to customize and save your own projects, if you so desire. Additionally, there is no limit to the number of project files you can create in FX Play.

Key Difference: Saving presets via the file menu is only available through FX Play software, while the U1 and U2 buttons can be configured and used through both the hardware and software.

Note: You cannot currently load and save U1 and U2 settings independently.

FX Play's Software-Exclusive Modules and Adjustable Parameters

(.....or 'the stuff that's adjustable in the software but not in the hardware', but will still be 'heard' via the hardware')

5. De-Esser

This module reduces sibilance (harsh "s" or "sh" sounds) in vocal recordings:

- Frequency (Freq): Target frequency for de-essing (1kHz-10kHz)
- Gain: Adjust the intensity of the de-essing effect

6. Filters

Filters remove unwanted low and high frequencies:

- High-Pass Filter (HP Freq): Cuts low frequencies below the set threshold (20 Hz to 1 kHz).
- Low-Pass Filter (LP Freq): Cuts high frequencies above the set threshold (8 kHz to 20 kHz).

7. Exciter

The Exciter enhances clarity and brightness in audio by emphasizing high frequencies:

- Intensity: Adjust the strength of the excitation effect.

8. Compressor

The Compressor controls the dynamic range of the audio signal:

- Ratio: Set the compression strength (e.g., 1.0:1 to 10:1).
- Threshold: Determines the audio level at which compression begins (e.g., -36 dB).
- Boost: Adjust the volume level after compression.

9. Reverb (effect available on hardware (time and value only), filter parameters can only be changed on FX Play)

Adds spatial depth and atmosphere to the audio signal:

- RVB Time: Adjust the length of the reverb effect.
- Value: Set the overall intensity of the reverb.
- PreHP (High-Pass Filter): Filters out low frequencies in the reverb.
- PreLP (Low-Pass Filter): Filters out high frequencies in the reverb.

10. Voice Over (effect available on hardware - on/off function button only - parameters can only be changed on FX Play)

Fine-tune vocal effects for voiceovers or commentary:

- Delay= Attack time (of the attenuation)
- Time = Release time (of the attenuation)
- Value = Music audio attenuation dB level (BGM via Bluetooth, audio via OTG, and jingles)

Jingle Presets

Jingle Presets		
#	**Name**	**Description**
1	*THUNDER*	A thunder effect
2	*NICE*	A man saying 'nice!'
3	*NERVOUS*	A cello sound effect (suggesting terror)
4	*CHEER*	Children cheering
5	*HA HA*	A man laughing
6	*RAYGUN*	A Ray gun effect
7	*NICE*	A gong strstrike
8	*APPLAUSE*	The sound of a crowd applauding
9	*WHISTLE*	A 'wolf whistle'

How to Load your Own Jingles and Sound FX
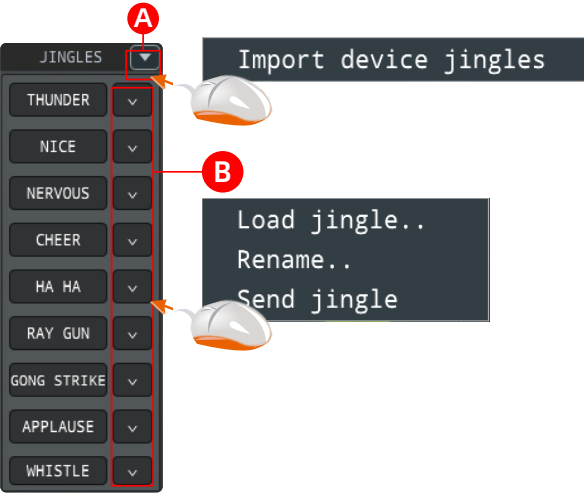
A; Select the drop down menu and click 'Import device jingles' to import an entire set of jingles/sound fx.

B; Select the drop down menu of any of the 9 jingle buttons to load a jingle/sound fx individually for that slot, rename a jingle and 'load jingle' to send the jingle to the hardware device, (these may not be sent in 'bulk' - only individually).

The recommended file format is MP3. While other formats are supported, FX Play will automatically convert them to MP3, which may cause a delay. To avoid this, users are encouraged to use MP3 files directly when replacing the default samples/jingles. Please note, the maximum capacity for storage is 15MB, (for *all* jingles/samples - please adjust the file sizes of your MP3's as appropriate using additional software if necessary).
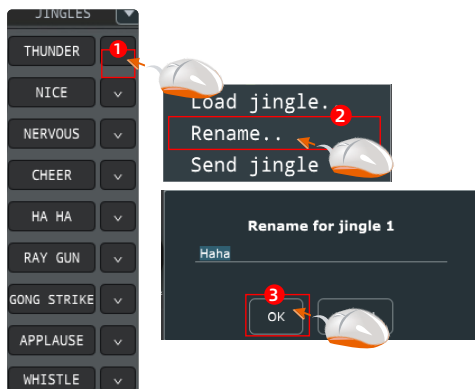
Here, we can see a jingle renamed from 'Thunder' to 'HaHa'.

By clicking the buttons in FX Play, you can play the jingle on the device. You can also rearrange the order of jingles by dragging and dropping the jingles to your desired position.
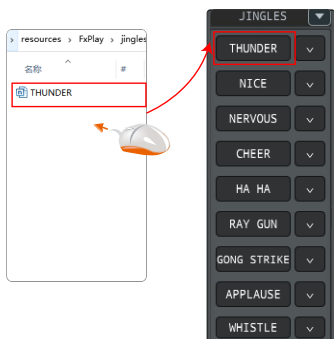
You can also directly drag jingles from an external source or file into FX Play, as shown below;

Other Controls:

The following are also available in FX Play as well as being fully controllable via the remote control and GoLive Pro device:

11. BGM Pitch
Allows for fine-tuning the pitch of background music (delivered via Bluetooth).

12. Harmony
Adds harmony effects to a vocal input.

13. Vocal Tune
Applies pitch correction to vocal inputs.

14. Jingle/sample trigger buttons (remote control only)
Buttons to trigger sound effects or pre-recorded audio clips (i.e. jingles).

15. EQ (Equalizer)
Adjusts the tonal balance of audio using three bands (Low, Mid, Hi).

More information about the controls above are available in the 'Top Panel' section.

16. Preset Manager
This preset manager is used to upload or download presets from the server. At the time of writing, this feature is currently in development.

Downloading & Installing FX Play

See the GoLive Pro product page at iconproaudio.com for details on downloading FX Play for PC and Mac. Details on installing the PC and Mac versions of the FX Play program are contained in the appendices of this manual.

Firmware Updates

You can check in the file menu if a newer version of the firmware is available. If you would like to update your firmware, please take your time and ensure that you;

1. Always use the included cables
2. Ensure your device is connected
3. Disconnect all other devices
4. Do not run any other software during the process
5. Do not stop the firmware update process once it's begun
6. Do not touch the device during the update process once it's begun
7. Do not close the 'command line window'* during the process if it appears
8. Ensure there is sufficient power supplied to your device
9. Take your time when updating firmware

A progress bar will be displayed in FX Play showing the update progress.

Hardware Connections

Connect headphones/a headset via the 3.5mm TRRS connector.

Connect your microphones to the device's analog inputs.

5V **48V**

When the '+5V' button is turned on, a 5V microphone can be connected. When the '+5V' button is turned off, a dynamic microphone or a wireless microphone can be connected.

When the '+48V' button is turned on, a 48V microphone can be connected. When the '+48V' button is turned off, a dynamic microphone or a wireless microphone can be connected.

or

Hardware Connections cont. (OTG and PC/Mac connections)

Connect your mobile device via an OTG cable and adapter
or
Connect your PC/Mac via USB A - C cable.

Connect to your PC/Mac to use FX Play.
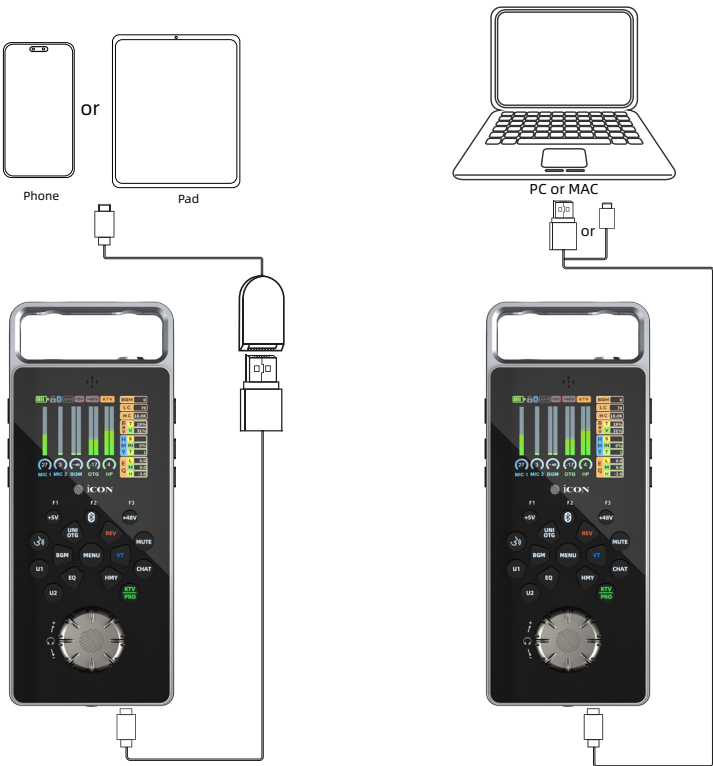
Bluetooth Connections

Bluetooth Module 1: for Backing Music (BGM):

Click the Bluetooth button, and the Bluetooth icon on the screen will flash.

Turn on the Bluetooth function of your phone, select the corresponding device for connection
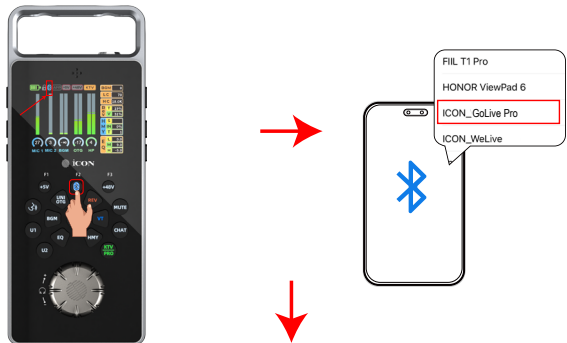
Once connected, the Bluetooth icon on the screen stops flashing and stays lit.

Social Media Apps with BT Backing Tracks

- Set up your social media app so that it is configured for live streaming.
- Charge the device or connect it to a power source. Ensure your primary phone has been configured to receive OTG signals if necessary and that you have a suitable OTG cable and adapter.
- Enable Bluetooth on the secondary phone (used for backing tracks) and connect it to the GoLive Pro. See 'Using Bluetooth' for detailed information on how to do this.
- Load your backing tracks in a music app on your phone/mobile device on the secondary phone (A).
- Use an OTG adapter and an 0TG-enabled USB cable to connect the GoLive Pro to your primaryphone for social media app streaming (B).
- Open your social media app and start a Live session, (you may wish to start a practice session first).
- Balance your live microphone input with Bluetooth backing tracks using the onboard controls.
- 'GoLive Pro' on your social media app, ensuring backing tracks and microphone audio are synced.

B
Phone 1
(for broadcasting)

A
Phone 2
(for backing tracks)
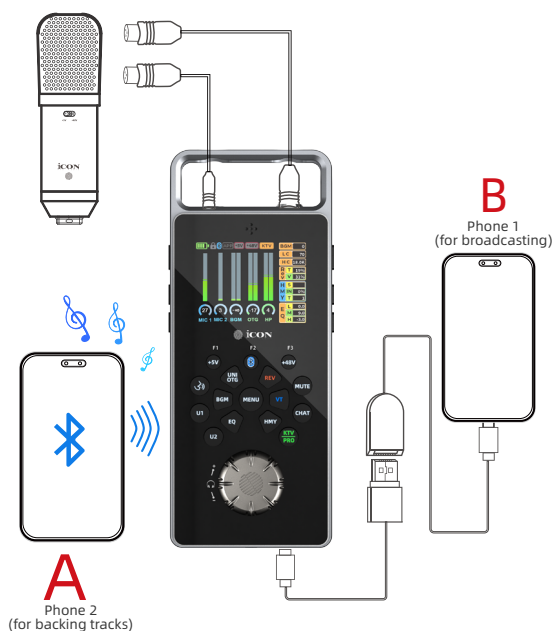
Streaming to Social Media with Webcam & BGM

- Connect the GoLive Pro device to your computer using a USB cable.

- Plug a microphone into the Mic In port on the GoLive Pro

- Select a backing track on your computer to play via a media player.

- Select the LOOPBACK function on the GoLive Pro to enable the combination of your microphone audio and background music playing on your computer.

- Open your preferred streaming platform or software (e.g., OBS, YouTube Live, or Facebook Live). & configure it for use.
  - Set your webcam as the video source.
  - Select WeLive as the audio input source.

- Use the GoLive Pro controls to balance your microphone input and background music.

- Optionally, apply effects such as reverb or EQ to enhance the audio quality.

- Begin your broadcast. Use the GoLive Pro to dynamically adjust audio levels or alter effects.

- For PC Users:
  Ensure your PC sound settings are configured with GoLive Pro as both input and output devices.

- Confirm that the streaming platform is receiving audio input from the GoLive Pro device.

- For Mac Users:
  In System Preferences > Sound, set WeLive as the input and output devices. Verify the streaming application detects GoLive Pro as the microphone input.

- Note: Always test your setup before going live to ensure optimal audio and video quality.

Additional Notes & Tips on Streaming and Recording

Test your setup by playing a backing track and speaking or singing through the microphone. Ensure all levels are balanced, and there is no distortion or clipping.

Confirm that the Bluetooth connection (if you are using one) is stable and free from interference.

Bluetooth Range: Keep your Bluetooth device within a 5 meter range of the GoLive Pro to avoid signal drops.

Battery Management: Ensure your Bluetooth device and GoLive Pro are fully charged before the performance to prevent interruptions.

Latency Awareness: Test for any latency between the backing track and live vocals. Make sure the GoLive Pro firmware is up to date. Additionally, please ensure your phone/tablet OS and audio apps are updated to the latest versions, as updates can improve latency performance.

Phone battery: You may wish to consider using an OTG Y cable when using the OTG connector. This should enable phone charging at the same time. This will prevent your phone battery running out at an inconvenient time. Consult your phone manufacturer for details on cable compatibility.

Troubleshooting

Common Issues and Solutions:

1. **No Sound or Audio Output:**

   o Ensure FX Play is connected to the GoLive Pro hardware.

   o Check that Mic Mute is not engaged.

2. **Distorted Audio:**

   o Reduce the input gain levels (MIC1/MIC2) to avoid clipping.

   o Adjust the Compressor's threshold and ratio settings.

3. **Excessive Background Noise:**

   o Enable the Noise Reduction feature.

   o Use the HP Filter to remove low-frequency hums or rumbles.

Restoring Factory Defaults

To restore factory defaults:

Step 1: Turn the GoLive Pro OFF

Step 2: Press the MENU button + power button simultaneously until the startup logo disappears. Then, release the buttons.

Minimum System Requirements

Important: The GoLive Pro interface is supported by MacOS 10.09 or above and Windows 10 or above, (32bit and 64 bit). Earlier versions of Mac or Win operating systems are not supported.

Appendices:

1. FX Play Installation: Windows
2. FX Play Installation: Mac

FX Play Installation-*Windows*

1. Choose the language version you require.
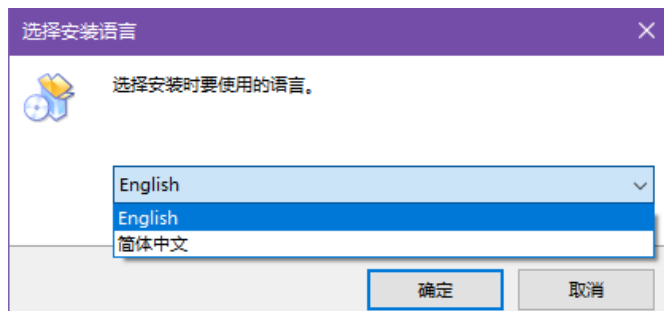
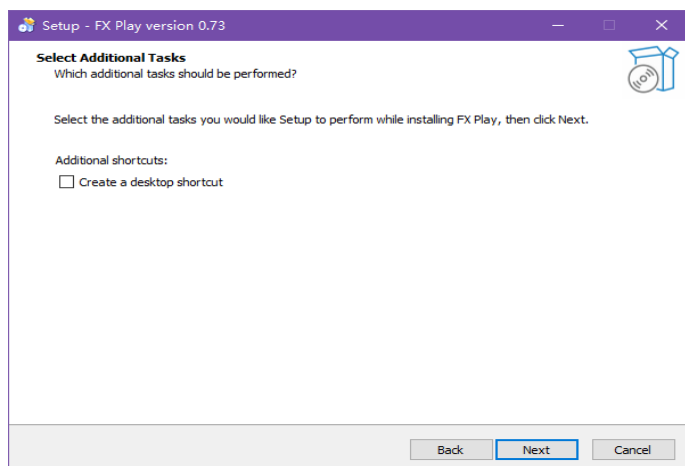**2. Read the license agreement carefully. Accept the agreement and select 'Next'.**
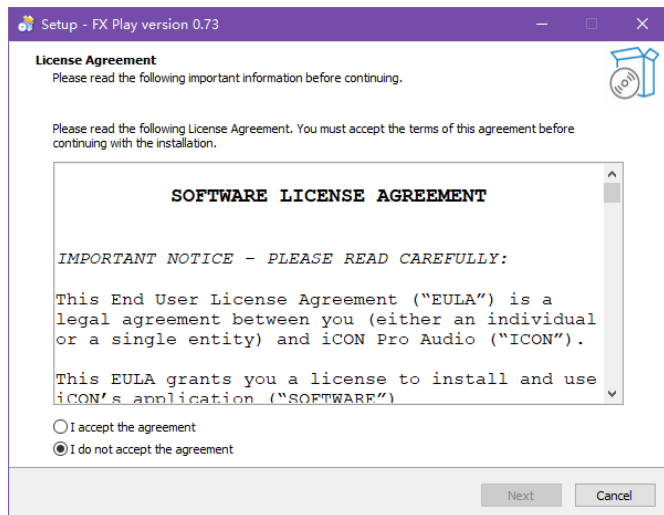
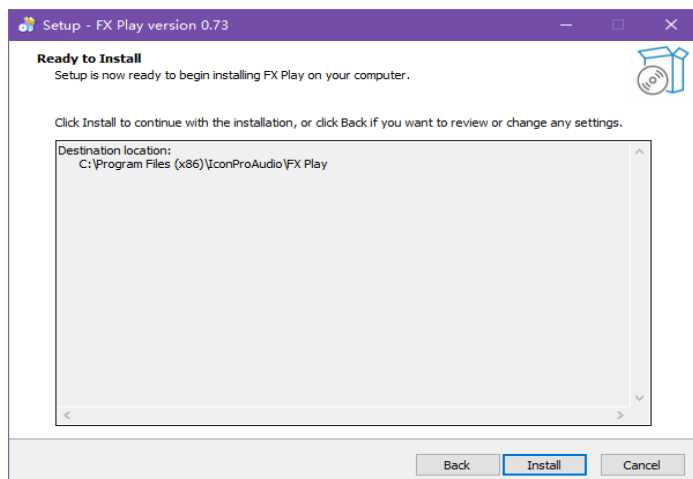**3. Read the release notes carefully. Accept the agreement and select 'Next'.**
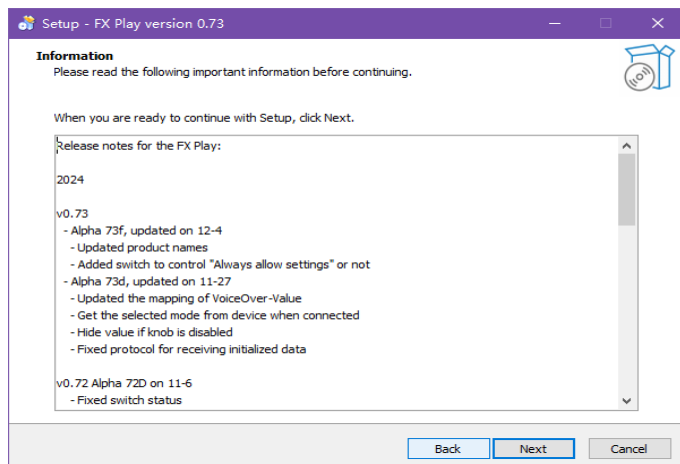
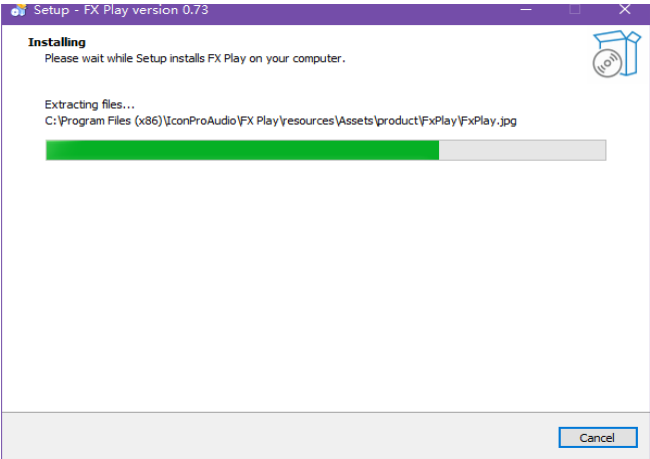**4. Select the destination installation file and select 'Next'.-**
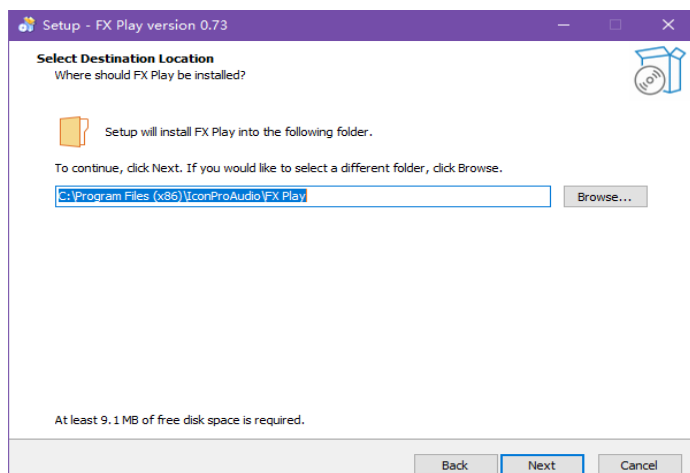
5. Create a desktop shortcut if required by ticking/checking the box. Press 'Next'.
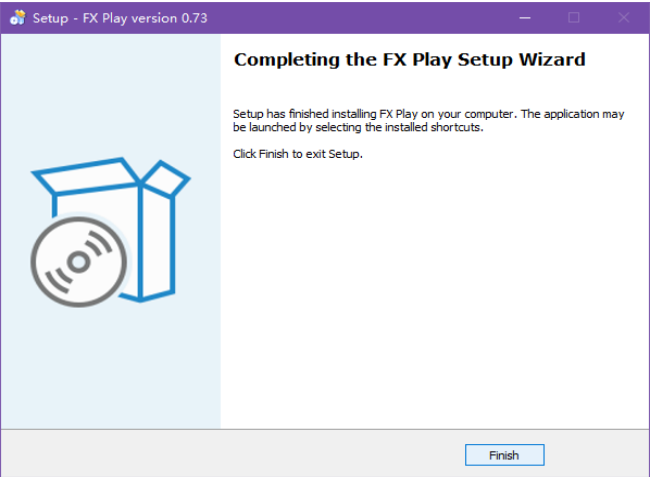

6. Double check your installation destination. Press 'Install' to install FX Play.
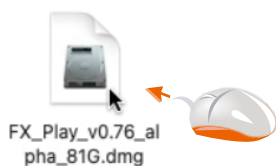
7. FX Play will install.
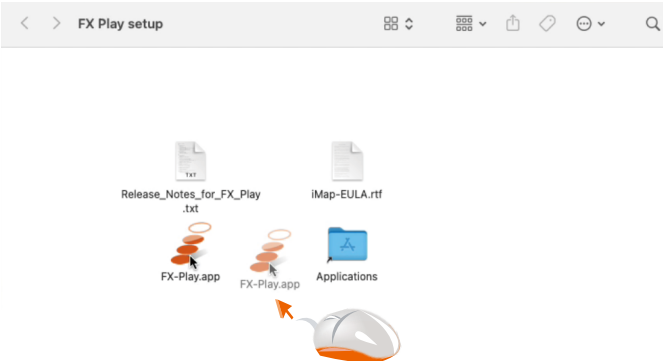

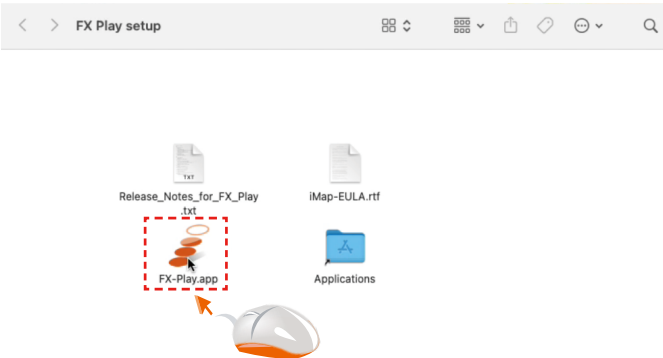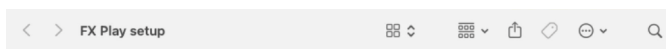8. Setup finishes the install.

FX Play Installation - Mac

1. **Extract the FX Play compressed file, and double-click the installer to open it after extraction.**
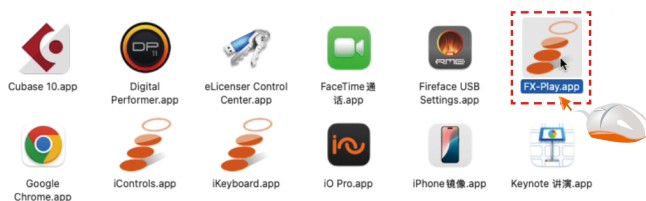

2. **After dragging the FX Play app into the Applications folder, click to open the Applications folder.**

3. Find the FX Play app in the Applications folder and click to open it.

Specifications

ADC/DAC Specifications:

ADC:DNR 106dBA, THD+N -95dB/0.00178%

DAC:DNR 108dBA, THD+N -91dB/0.0031%

Mic Input1

(1/4 inch/6.35mm, Balanced/TRS@5V OFF, unbalanced/TR@5V ON):

Frequency Response:	20Hz-20kHz ±1dB
DNR dynamic Range:	100dBA@,0dB gain,@-60dBFS
THD:	0.0034%(-89dBA)@-3dB gain, @+2dBu
THD+N:	0.0034%(-89dBA)@-3dB gain, @+2dBu
Input impendance:	3kohm
Input Level:	2dBu@-0.1dBFS,@0dB Gain
Input Level:	-49dBu@-0.1dBFS,@+60dB Gain
Gain range:	-18dB-60dB,3dBsteps

Mic Input2

(Mini XLR,Balanced):

Frequency Response:	20Hz-20kHz ±0.1dB
DNR dynamic Range:	103dBA@,0dB gain,@-60dBFS
THD:	0.0013%(-97dBA)@-3dB gain, @+2dBu
THD+N:	0.0017%(-95.3dBA)@-3dB gain, @+2dBu
Input impendance:	3kohm
Input Level:	2dBu@-0.1dBFS,@0dB Gain
Input Level:	-49dBu@-0.1dBFS,@+60dB Gain
Gain range:	-18dB-60dB,3dBsteps
Phantom Power supply:	+48V ±4V,10mA

Headphone Outputs

(3.5mm TRRS/TRS, stereo, unbalanced):

Frequency Response:	0Hz-20kHz ±0.1dB
DNR dynamic Range:	100dBA@-60dBFS
THD+N:	0.002%(-93dBA) @-6dBFS,@600ohm Load,@1kHz
Output impendance:	39.2ohm
Output Level:	+9dBu@+3dB@600ohm
Output Power(@+3dB):	40mW+40mW@32ohm
	40mW+40mW@64ohm
	9.8mW+9.8mW@600ohm

OTG Mobile interface:

Interface:	Type-C
Specification:	USB2.0 480Mbps
DNR dynamic range:	131.1dBA
THD+N(@1khz, @-1dBFS):	0.0001%(-120dB)
Accuracy/sampling rate:	24bit, 48kHz
Power Output(5V Chargering):	5V/1A(max)

Charging interface:

Interface:	Type-C
Reveiving specification:	5V/3A

Dimensions and Weights

Dimensions (WxDxH):	71mm x 171.5mm x 28.5mm
	2.80" x 6.75" x 1.12"
Weights:	0.275KG

Services

If your GoLive Pro needs servicing, follow these instructions.

Check our online Help Center at **http://support.iconproaudio.com,** for information, knowledge, and downloads such as:

1. FAQ
2. Download
3. Product Registration
4. Video Tutorials

Very often you will find solutions on these pages. If you don't find a solution, create a support ticket at our online Help Center at the link below, and our technical support team will assist you as soon as we can.

Navigate to **http://support.iconproaudio.com** and then sign in to submit a ticket.

Once you have submitted an inquiry ticket, our support team will assist you to resolve the problem with your ICON Pro Audio device as soon as possible.

To send defective products for service:

1. Ensure the problem is not related to operation error or external system devices.

2. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. ICON is not responsible for any damage that occurs due to non-factory packing.

3. Ship to the ICON tech support center or the local return authorization. See our service centers and distributor service points at the link below:

If you are located in the **United States** please visit our help centre - **https://support.iconproaudio.com** and submit a ticket to the technical support team.

If you are located in **Europe**, please email the support team and wait for a response before sending the product to:
Sound Service GmbH
European Headquarters
Moriz-Seeler-Straße3 D-12489 Berlin
Telephone: +49 (0)30 707 130-0
Fax: +49 (0)30 707 130-189
E-Mail: service@sound-service.eu

If you are located in **Hong Kong** please email the support team and wait for a response before sending the product to:
ASIA OFFICE:
Unit F, 15/F., Fu Cheung Centre,
No. 5-7 Wong Chuk Yueng Street,
Fotan,
Sha Tin, N.T., Hong Kong.
Tel: (852) 2398 2286
Fax: (852) 2789 3947
Email: info.asia@icon-global.com

For additional update information please visit our website at:
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