



WeLive

2-in/2-out audio interface for live streaming and performance with studio quality DSP & Bluetooth/UNI OTG connectivity

The WeLive redefines live performance and content creation, offering unmatched flexibility, professional-grade sound, and user-friendly design. Whether you're streaming to a global audience, performing live with backing tracks, or creating studio-quality podcasts, the WeLive ensures you sound your best. With Bluetooth connectivity for wireless freedom, studio-quality DSP effects like reverb, harmony, and pitch correction, and seamless integration with smartphones and PA systems, it's the ultimate portable solution for musicians, broadcasters, and content creators. Its robust build, vibrant display, intuitive controls, and 6 hours of rechargeable battery life empower you to focus on your creativity, making the WeLive your trusted companion for exceptional audio, wherever your passion takes you.



User manual

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Safety Precautions

Carefully read these Usage and Safety Precautions before 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.

 Indicates an action that is mandatory.

 WARNING:

 Power

Products that use external DC power supplies:

-  Always use the specified DC power supply adapter.
-  Never exceed the ratings of outlets and other electrical wiring equipment.
-  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.
-  Carefully study the warning indications regarding the DC power supply before use.

Products that use batteries:

-  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.
-  Always keep the battery compartment covers closed during use.

■ Temperature

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

■ Repairs and Alterations

- ⓘ 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.

⚠ CAUTION:

■ How to Handle the Product

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

- ⓘ Always disconnect the plug, not the cord, when unplugging.
- ⓘ 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

- ⓘ Always insert batteries with the correct polarity (+/-).
- ⓘ Use only the recommended battery type for the device.
- ⓘ Avoid mixing old and new batteries or combining different brands or types.
- ⓘ Remove batteries if the device will remain unused for an extended period to prevent leakage.
- ⓘ 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

- ⚠ Ensure all equipment is powered off before connecting any cables or external devices.
- ⚠ Disconnect all cables and accessories before moving the device to avoid damage.

■ Microphones

- ⚠ Turn off the power to the device before connecting any microphones.
- ⚠ Handle microphone plugs gently to prevent damage.

■ Volume

- ⚠ 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-SERVICEABLE 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'ENTRETIEN 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 flèche l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence d'intérieur du coffret de voltage dangereux non isolé d'ampleur suffisante. exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. Le point d'exclamation l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour le fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.

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 WeLive. In these pages, you'll find a detailed description of the features of the WeLive 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 WeLive unit will operate flawlessly for many years to come.

We trust that this product will provide years of excellent service and 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 or live use.

What's in the package?

- WeLive 2-in/2-out audio interface for streaming and live performance
- USB A-C cable
- 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](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 WeLive redefines portable audio production by combining professional-grade audio processing with user-friendly design, making it the perfect tool for live performances, streaming, podcasts, and creative productions. With 24-bit, 48kHz resolution, it ensures exceptional sound clarity, while its built-in 6000mAh lithium battery offers up to approximately six hours of uninterrupted use, giving you the freedom to create anywhere.

At the heart of the WeLive 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.

The two Combo XLR 1/4 inch (6.35mm) TRS inputs, each with independent +48V phantom power, cater to a wide variety of professional and domestic microphones, offering up to 60dB of gain per input. For monitoring and playback, the unit includes dual analog outputs (1/4 inch (6.35mm) unbalanced TS jacks) and two headphone outputs (3.5mm stereo TRS jacks), as well as a TRRS headset input/output. These connectivity options make the WeLive versatile enough for musicians, broadcasters, and content creators alike.

Featuring Bluetooth connectivity, the WeLive integrates seamlessly with devices for streaming backing tracks, pairing with the FX Play app via PC or Mac.

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 2.8-inch full-color TFT display provides a crisp and clear interface, displaying detailed audio levels and settings. 15 smooth-action rotary encoders give you precise control over parameters such as EQ adjustments, effect intensity, and other critical audio settings. This ergonomic design ensures quick adjustments during live performances or broadcasts, letting you focus on your creativity.

Podcasters and broadcasters will appreciate advanced features like the Voice-Over (Attenuator) function, which automatically lowers background music volume when the microphone signal is detected, ensuring seamless transitions and clear speech. The Vocal Remove feature is another highlight, reducing vocals from commercial tracks by up to 99%, making it ideal for karaoke or remixing. The Background Music (BGM) Pitch Shift function lets you adjust the key of your music to match your vocal range, adding flexibility to your performances.

For added creativity, the WeLive 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, radio shows, or live events. The Loopback functionality also simplifies streaming to online platforms when using computers.

Designed for ease of use, the WeLive includes a remote control for hands-free operation, giving you the ability to adjust settings or trigger effects from a distance.

As mentioned earlier, the WeLive comes with FX Play software, which provides access to exclusive features such as the '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 the 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 yet portable, the WeLive is constructed to handle the demands of professional and exacting creators. It's not just a tool but an all-in-one solution for modern content creation. Whether you're performing live, streaming to a global audience, or recording in a remote location, the WeLive 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 DSP processor using algorithms developed in Germany - ideal for streaming or performing live
- 2.8-inch full-color TFT screen for digital metering, parameter display, and audio levels
- 15 smooth-action rotary encoders for real-time adjustment of settings and parameters
- Two Combo XLR/1/4 inch (6.35mm) TRS inputs with independent +48V phantom power and 60dB mic gain per input
- Two 1/4 inch (6.35mm) TS unbalanced analog outputs (L/R)
- Two 3.5mm TRS headphone outputs
- One 3.5mm TRRS headset input/output
- UNI OTG USB-C 2.0 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

- Dedicated Voice-Over (Attenuator) button for automatic music fade-out during mic use
- Dedicated headphone gain control knob
- Nine preloaded sample trigger pads customizable via FX Play software for jingles, sound effects, or personal audio clips
- 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
- 6000mAh lithium battery for up to approximately six hours of continuous use on a full charge, powered via 5V DC adapter for extended sessions
- Remote control included for seamless operation during performances or broadcasts

Top Panel



Remote Control



Please note: The numbering on this diagram relates to features also available on the Top panel of the device, (previous diagram). Therefore, the diagram is **not** consecutively numbered i.e. 1-10. For example, 20 is Noise Reduction for both the Remote control and Top panel diagrams.

The remote control can adjust the same parameters as the WeLive rotary encoders and buttons. The corresponding controls are also referred to in the following 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.

1. Mic input gain control 1/2

The rotary encoders on the front panel control the input level of the associated analog microphone inputs. The mic gain for both channels is adjustable from ∞ (infinity)* to 60dB. The remote control buttons can be pressed to increase and decrease the amount of gain, (top = increase, bottom = decrease).

2. BGM Input gain control

This rotary encoder controls the input level of the background music (BGM), as delivered via Bluetooth. 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.

3. Podcast

This rotary encoder controls the output level of the OTG ('on the go') channel. Use an OTG adapter and/or OTG capable USB cable to connect to your mobile device for the purposes of recording videos and broadcasting to social media using audio delivered via the WeLive. If using the OTG connection to supply backing music via a mobile phone for a performance to a live audience, do not attempt to use this knob as the input control for the backing music. Rather, use the mobile phone volume controls to affect these changes.

4. MST (Master)

This rotary encoder adjusts the output level of the MASTER channel, delivered to speakers and headphones.

5. Reverb (Time)

The reverb time can be adjusted via this rotary encoder. If reverb is not required at all, it is recommended that it is turned off via FX Play, rather than turning the rotary encoder to 0, as the reverb module will remain on.

6. Reverb (Value)

The value i.e. amount of reverb, can be adjusted via this rotary encoder. The adjustable values are presented in percentage terms 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.

7. Headphone level control

This rotary encoder controls the output level of the headphone connectors, featured on the front panel of the WeLive device. The remote control device features two buttons which increase and decrease the headphone output level.

8. +48V phantom power buttons

Press to supply +48V phantom power to the associated XLR input. This phantom power circuit is suitable for most condenser microphones.

9. Vocal Remove

By pressing this button, a portion of the vocal signal of the background music will be removed, (given that this is a track with vocals). Press once and the button will glow green indicating 50% of the vocal portion of the track has been removed. Pressing the button again so that the button glows blue results in 99% of the vocal portion of the track being removed. Press a third time to turn the Vocal Remove feature off. Vocal Remove works with BGM (background music) delivered via the Bluetooth connection only.

10. User 1

In KTV, CHAT or PRO modes, select the changes you wish to make, (i.e. a change to reverb or EQ). Long press this button to save your settings. Short press to activate the preset for 'User 1'. The default setting for User 1 is the KTV preset and for User 2, the PRO preset. Long press the USER1/2 button (for 3-5 seconds) to restore it to its initial saved values.

11. User 2

As above.

12. Bluetooth

This button activates 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 35) for detailed instructions on how to pair a device.

13. KTV

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.

14. CHAT

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). When the device is in CHAT mode, the lights around the five knobs (Reverb, Scale, Effect Type and Intensity) do not alight, because these parameters (such as reverb and harmony) cannot be adjusted in this mode.

15. PRO

This button activates 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, Harmonizer and so on.

In USER1, USER2, KTV, or PRO mode, the Reverb, Scale, Effect Type and Intensity lights turn on, indicating that these knobs can be adjusted. In CHAT mode these will remain off indicating they cannot be adjusted.

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.

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

16. Voice Over mode (Attenuator)

Activating the Voice Over mode (Attenuator) will ensure the volume of the music signal (BGM delivered via Bluetooth, signals delivered via OTG and/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 DJ's in professional broadcasts.

Switch 'Voice-Over' mode on or off as required - it will effect Mic 1 and Mic 2 signals simultaneously.

17. Vocal Tune

Press once to activate Vocal Tune in MAJOR keys. Press twice to activate Vocal Tune in MINOR keys. The adjustable parameters will populate the display and the rotary encoders on the top right of the unit (24, 25) will light up. These are the encoders which will adjust the parameters, as shown in the LCD TFT display. Harmony may not be used in combination with Vocal Tune. Deactivate the 'Vocal Tune' function by pressing the button a third time.

18. Mute

This button mutes the Mic 1 and Mic 2 inputs.

19. Harmony

Activate the Harmony function by pressing this button. The adjustable parameters will populate the display and the rotary encoders on the top left (24, 25) will light up. These are the rotary encoders which will adjust the Harmony parameters, as shown in the LCD display. Deactivate the Harmony feature by pressing the button a second time. Vocal Tune may not be used in combination with Harmony.

20. NR (Noise Reduction)

Activate the Noise Reduction function by pressing this button. This function has two stages - medium noise reduction and maximum noise reduction. This is instigated by pressing the NR button once for medium NR and twice for maximum NR. The display and button will display green for medium NR and red for maximum NR.

21. Filters (LPF/HPF)

This button activates the filters function. 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 WeLive hardware. The filters affect the Mic 1 and 2 inputs only.

22. Loopback

This feature directly routes the device's signal input from the USB OTG to the USB OTG output. As a result, when the WeLive 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 WeLive 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 the device itself and not via 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 cannot monitor the sounds created via the microphone, but the OTG port will still output the microphone sound if using OTG.

23. EQ Rotary Encoders (Hi, Mid, Low)

This 3 band EQ features low, mid and high frequencies at carefully selected frequency points - simply increase or decrease the values to taste using the rotary encoders.

24. BGM - Pitch

Adjust the pitch of the background music (delivered via Bluetooth) here. The values will be reflected on the display screen. The parameters are adjustable between -6 and +6 steps, (semitones/half steps). Selecting 0 is equivalent to the feature being switched OFF. BGM Pitch works with BGM (background music) delivered via the Bluetooth connection only.

25. Scale

Adjust the rotary encoder to adjust the value of the scale as displayed on the screen for Vocal Tune and the Harmony. When Harmony or Vocal Tune are not selected, this rotary encoder is devoid of function.

26. Intensity

Adjust the intensity of the displayed effect using this rotary encoder, (for example, the intensity of a harmony or reverb effect)

27. Type

This rotary encoder changes the type of effect i.e. 1-5 of the Vocal Tune and Harmony effect. The changes are reflected in the display. Please refer to page 32 for details.

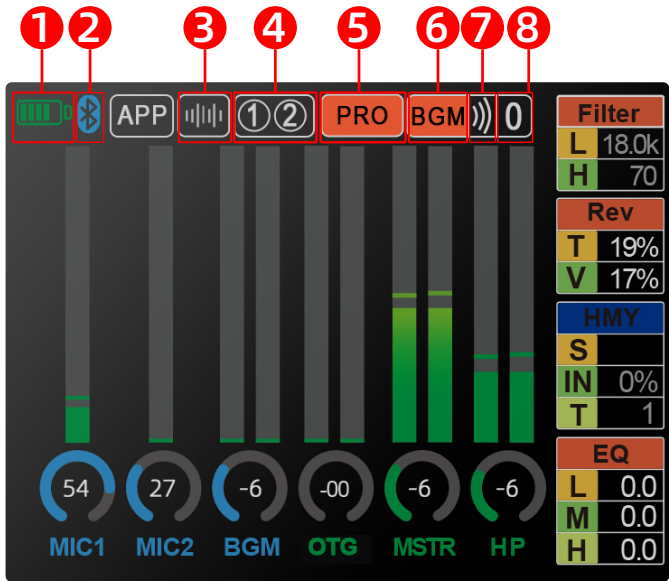
28.2.8-inch full-color TFT screen

This multi colored display shows audio signal levels for specific channels such as microphone inputs, background music (BGM), master output (MSTR), 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')

29.Jingle/sample pads

9 Pre-loaded sample trigger pads with fun sound effects. Your own sound effects and jingles can be loaded via the FX Play software. This section is complimented with two volume buttons (up and down) and a 'STOP' button to immediately cease sample playback. This section is particularly useful for podcasters and broadcasters who wish to use bespoke samples and jingles.

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. Noise Reduction indicator

This symbol will illuminate when the Noise Reduction feature is active. The color of the symbol wil correspond to the NR button color.

4. +48V status (Mic channels 1 and 2)

This symbol displays whether the +48V power is turned on for mic inputs 1 and 2. Both numerals (1 and 2) will be illuminated red when phantom power is active for both inputs. One numeral will be illuminated red when it's corresponding input 's phantom power is active. The symbol will remain unlit (gray) when phantom power is not activated for either mic input.

5. Mode display

This symbol displays which mode is active i.e. KTV, User 1 etc.

6. BGM Pitch Status

The BGM (background music) 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.

7. Vocal Remove symbol

When Vocal Remove is activated. This symbol will become illuminated.

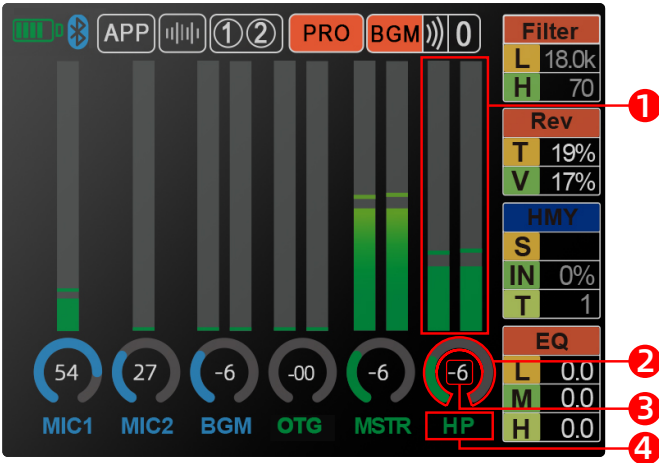
8. Displays for Filter, Reverb, Harmony and EQ

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.

Filter	Filter
L 18.0k	L: Low Pass Filter (LPF) - i.e. HIGH CUT (KHz)
H 70	H: High Pass Filter (HPF) - i.e. LOW CUT (Hz)
Rev	Reverb
T 19%	T: Time (%)
V 17%	V: Value (amount of applied reverb) (%)
HMY	Harmony
S	S: Scale (C-B)
IN 0%	I: Intensity (amount of applied harmony) (%)
T 1	T: Type (1-5)
EQ	EQ
L 0.0	L: Low (-15 dB - +15dB)
M 0.0	M: Mid (-15 dB - +15dB)
H 0.0	H: Hi (-15 dB - +15dB)

9. 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 distorted.

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

10. Battery indication LED

When the device is fully charged and in normal operation this red LED 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.

Individual Function Screen Displays

Mic Gain



When adjusting Mic Gain 1 or 2, this display appears, enabling precise adjustment of the rotary encoder from ∞ to 60dB. Once adjusted, the display returns to its default display state.

BGM (Background Music)



Similarly, when adjusting the rotary encoder for BGM (Background Music delivered via the Bluetooth connection), this display appears. Adjustments can be made from ∞ to 6dB. Once adjusted, the display returns to its default display state.

OTG ("On the Go" - connectivity for streaming & recording via mobile device apps)



This display appears when you adjust the rotary encoder to modify the output level of your OTG ("On the Go") connection. Adjustments can be made from ∞ to 6dB. Once adjusted, the display returns to its default display state. Please be reminded that OTG connections require special OTG cables and/or OTG adapters to connect to Android phones, iPhones and other mobile devices (a standard USB cable will not process an OTG signal).

MST (Master)



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

HP (Headphones)



This display appears when you adjust the rotary encoder to modify the output level of all three headphone outputs located at the front of the device. Adjustments can be made from ∞ to 6dB. Once adjusted, the display returns to its default display state. Please be reminded that the headset output on the left, is intended for headsets equipped with a microphone, (the input of which will become Mic Input 2 when in use). However, its headphone output level is controlled in the same way as the two, adjacent headphone outputs.

BGM Pitch



This display appears when adjusting the BGM Pitch rotary encoder. This lowers or raises the pitch of the backing track (delivered via Bluetooth) in -6 or +6 steps. '0' indicates no pitch adjustment (i.e. OFF)

EQ: LOW, MID, HI



This screen appears when adjusting Low, Mid and Hi EQ rotary encoders. 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 -15dB to +15dB for all three bands. Values are presented in illuminated circular arcs and numerically, within the semicircle. The display will revert to the default screen, when rotary encoders are no longer being adjusted.

Vocal Tune

When pressing the Vocal Tune button, the display shown below appears. Press once to launch Vocal Tune in the MAJOR keys. Press twice to launch Vocal Tune in the MINOR keys. Press three times to turn OFF.



- 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 rotary encoder

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 rotary encoder.

Sample pads volume up/down display



When adjusting volume for samples and jingles, this screen appears showing volume in percentage values. The volume is universal i.e. it affects all sound files.

Reverb

This display for reverb 'time' and 'intensity' (amount) appears when you select either rotary encoder. Adjust the rotary encoders to modify the parameters. You can adjust the values from 0 to 100.



Front Panel



1. Headset connector

Connect your headset set to this port (headphones equipped with an attached microphone). This jack accepts a standard 3.5mm stereo TRRS headphone connector. When in use, the microphone portion of the signal is designated as the 'Mic 2' input. Therefore, you will not be able to use Mic 2's input separately.

2. 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.

3. 2x 3.5mm headphone connectors

Connect your headphones to these ports. These output jacks accept a standard 3.5mm stereo TRS headphone connector.

Rear Panel



1. "Mic/Inst" inputs 1/2

Unbalanced mic level inputs. These hybrid connectors will accept a standard 3-pin XLR plug or a 1/4 inch (6.35mm) TS connector for dynamic mics. Please note, when using a headset (headphones with a mic attached), Mic input 2 will become allocated to the headset mic and Mic input 2 will be muted.

2. 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.

3. Line outputs 1/2

Unbalanced +2dBu analog outputs with standard 1/4 inch (6.35mm) TRS/TS connectors.

4. USB (Type-C) - Power supply connector

WeLive 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.

5. UNI OTG (USB 2.0 Type-C)

Connect this port with an OTG capable USB cable 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/other brand adapter and an OTG capable USB cable are required when using the OTG connection. 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.

More About the KTV/PRO/CHAT Modes

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. If 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 (see the following chart).

To return to CHAT/KTV/PRO default settings, please long-press CHAT/KTV/PRO until a 'floppy disk' icon appears on the screen.

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 PRO, KTV, or CHAT presets; you have full flexibility to create tailored presets to suit your specific needs.

KTV/PRO/CHAT Modes Comparison Chart

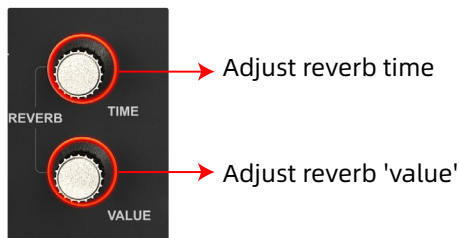
Mode	CHAT	KTV	PRO
MIC1 Gain		√	
MIC2 Gain		√	
HP Volume		√	
** MASTER volume		√	
OTG Volume		√	
BGM Volume		√	
Jingle Volume		√	
# De-Esser ON/OFF	√	√	√
# De-Esser Frequency	√	√	√
# De-Esser Gain	√	√	√
Filter ON/OFF	√	√	√
# Low cut Frequency	√	√	√
# High cut Frequency	√	√	√
# EQ ON/OFF	√	√	√
EQ LOW Gain	√	√	√
EQ MID Gain	√	√	√
EQ HI Gain	√	√	√
# Exciter ON/OFF	√	√	√
# Exciter Intensity	√	√	√
# Compressor ON/OFF	√	√	√
# Compressor Ratio	√	√	√
# Compressor Intensity	√	√	√
# Compressor Gain	√	√	√
# Reverb ON/OFF	x	√	√
Reverb Time	x	√	√
Reverb Value	x	√	√
# Reverb Pre High pass	x	√	√
# Reverb Pre Low pass	x	√	√
Vocal Tune/Harmony ON/OFF	x	√	√
Vocal Tune/Harmony Style	x	√	√
Vocal Tune/Harmony Scale	x	√	√
Vocal Tune/Harmony Intensity	x	√	√
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 **Parameter adjustable via hardware only

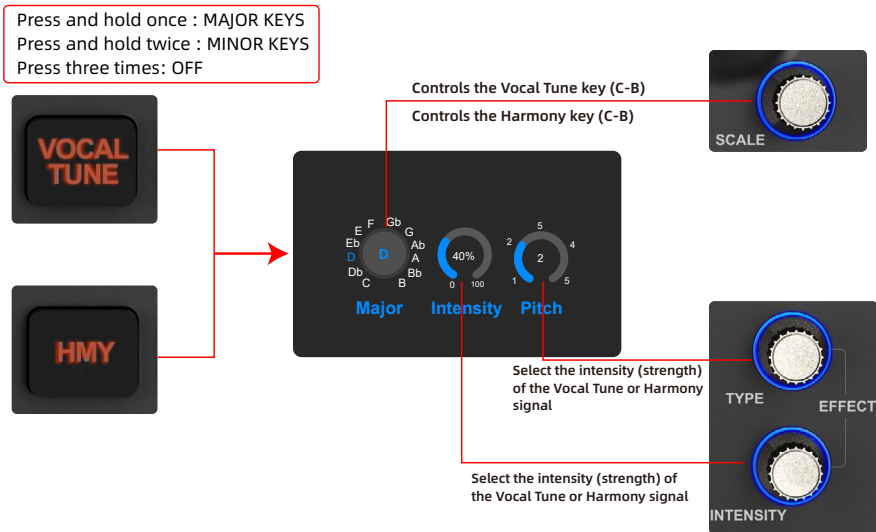
Orange cells indicate that the feature is adjustable/operationally available within all 3 preset modes.

Controlling the DSP effects - a quick guide

Reverb



Vocal Tune and Harmony



Vocal Tune

Press VT once: MAJOR KEYS
Press VT twice: MINOR KEYS
Press VT three times: OFF

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 with 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 with one octave up.	Harmony Voice Level

Notes on Vocal Tune

In vocal processing, formants are the natural resonances of the voice that help shape its unique tonal quality. The gender (formant) control adjusts these resonances to make a voice sound more masculine or feminine without necessarily changing the pitch.

Male to Female: Shifts the formants higher, making the voice sound more like a female voice.

Female to Male: Lowers the formants, making the voice sound deeper and more masculine.

Effect of Adjusting Intensity Control:

For Strong Pitch Correction (2):

The "T-Pain" effect happens when pitch correction is applied with minimal smoothing, making the voice sound unnatural and heavily processed.

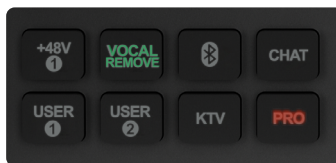
Adjusting intensity may control how rigidly the pitch correction is applied. Higher intensity would result in a more robotic, electronic-sounding voice.

For Robot Voice (5):

The formants and pitch are fixed, meaning the voice loses its natural tonal variation, creating a robotic or synthetic effect.

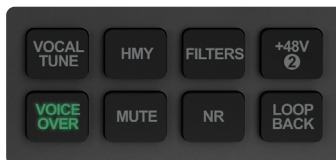
Changing intensity in this mode may affect how extreme the robotic transformation sounds, possibly making it sound more monotone or more heavily processed.

Vocal Remove



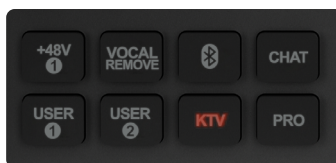
Press once to remove 50% of lead vocal from a commercial track.
Press twice to remove 99% of lead vocal from a commercial track.

Voice Over



Attenuates (lowers in volume) the background music (sources from BGM, OTG or jingles) when signal is heard via Mics 1 or 2. Press once to activate and again to deactivate. 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. This is the default mode for setting for the User 1 button, (the settings for which can be altered and saved).

Preset: PRO



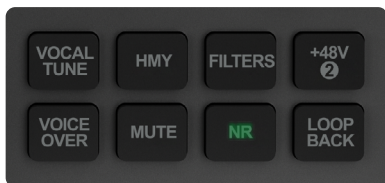
Press to activate PRO mode - (Professional singer mode). This is a preset mode ideal for live & broadcast performances by professional singers. All effects and EQ are adjustable and specially calibrated for this use. This is the default mode setting for the User 1 button, (the settings for which can be altered and saved).

Preset: CHAT



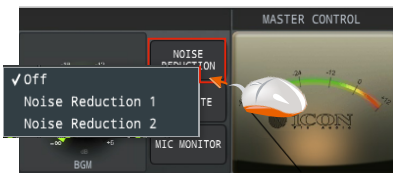
Press to activate CHAT mode. Effects are bypassed in this mode, which is suited for podcasts, narration or hosting events.

NR (Noise Reduction)



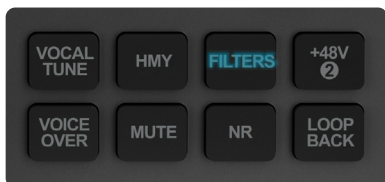
Press to activate NR (Noise Reduction) mode. This is ideal for eliminating background noise and hum.

Press once (green mode) for "Noise Reduction 1" i.e. moderate noise reduction



Press twice (red mode) for "Noise Reduction 2" i.e. more severe noise reduction

Filters



Press to activate filter (low cut and high cut)

The settings for both filters can be set via FX Play.

The factory default is set at 70Hz (HPF) and 18 kHz (LPF), (the filters are turned off as default - press the button to engage the function).

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

To connect Bluetooth so that you can connect your backing tracks (BGM - background music) to the WeLive, please;

- Make sure the WeLive unit is turned on and in pairing mode. Press the bluetooth button. It will become illuminated. On the display you will notice that the Bluetooth symbol is flashing.

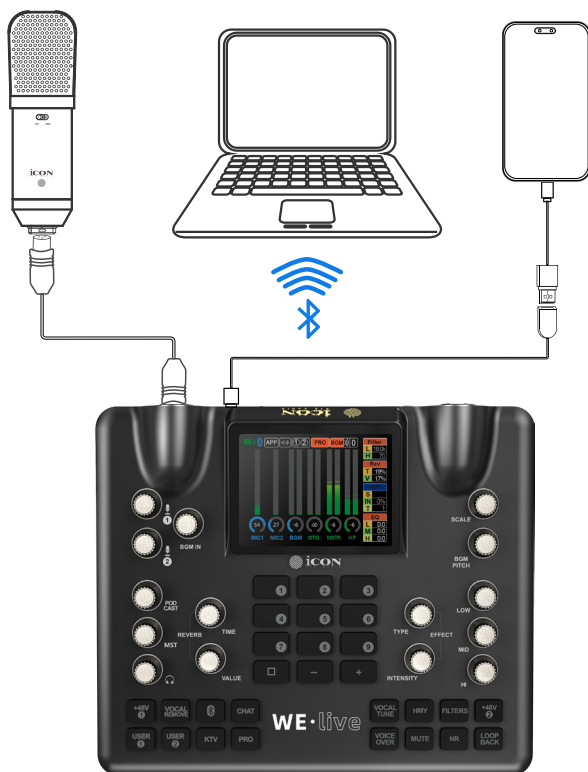


- On your device (computer, smartphone or tablet), go to the Bluetooth settings and pair/connect it to the WeLive unit.
- You will know that WeLive has been successfully connected to your device as the symbol on the display will cease flashing and be permanently illuminated in blue. "ICON_WeLive" will display on the device you are using to connect.
- Select your sound file or open the YouTube app or website 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 WeLive unit and the Bluetooth device are within the effective range for Bluetooth connectivity (5 meters).

How to use Bluetooth for Karaoke Users:

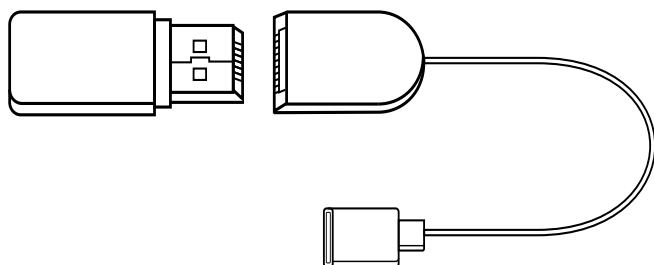
Tip: Karaoke users can use a laptop as their Bluetooth audio source, playing karaoke video files. The music will therefore be routed through the WeLive device, while the video displays the lyrics, allowing you to sing along seamlessly.



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 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 WeLive, 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 an OTG adapter (or an Apple camera kit depending on your phone - consult with the phone manufacturer for specific advice regarding your phone) 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/OTG USB-C port.
4. Plug the other end of the OTG cable into your OTG adapter and then into your mobile or tablet's charging or data port. Your device should recognize the WeLive 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 WeLive 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 WeLive. 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, PC.

The FX Play software is a feature-rich interface that controls and enhances the functionality of the WeLive 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, 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 HPF and LPF's 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/OTG/Jingle 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.

PC/Mac versions of 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 preset configurations
- Check for firmware updates
- Quit the program



Saving & Loading Projects:

You can load and save your own 'sound profiles' or 'presets' within FX Play. These are known as 'projects'.

You may have a project (i.e. a preset) 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!

Creating a dedicated folder 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, external hard drive or USB flash drive.

Firmware Updates:

You can 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.

- **Setting:**
- **Change the language between Chinese or English**



2. Mixer section

Control input levels for Mics 1 and 2, Headphone outputs, OTG output and BGM here.

3. VU Meter + Noise Reduction/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. **Mic Monitor is switched ON by default. We recommend 'Mic Monitor' remain ON to enable full functionality of the device.**

When Mic Monitor is enabled headphones will relay the sound created via the microphone. When Mic Monitor is disabled, the headphones cannot 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 to Customize a Preset:

- Start with one of the default presets (CHAT/KTV/PRO).
- Tweak the settings (parameters) to your requirements.
- These 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 and/or CHAT 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 a computer.

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.

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 (8kHz 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)

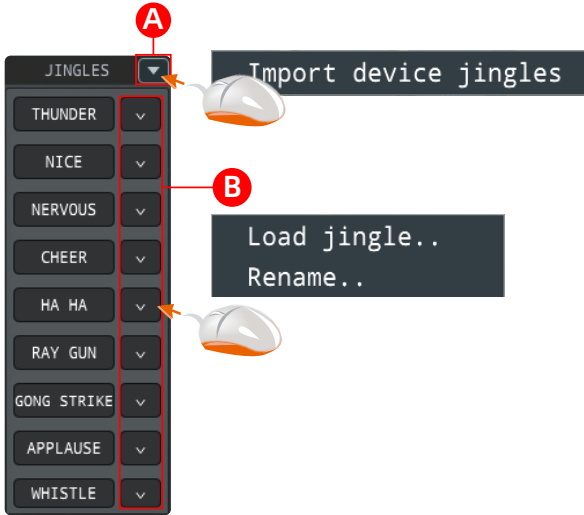
Fine-tune vocal effects for voiceovers or commentary:

- 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'

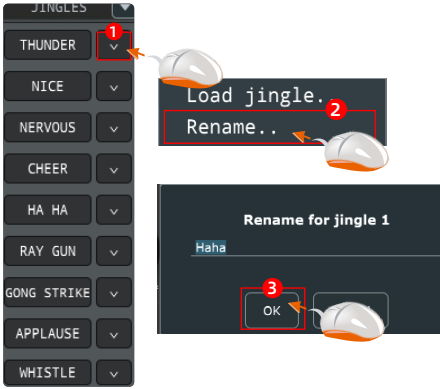
How to Load your Own Jingles and Sound FX



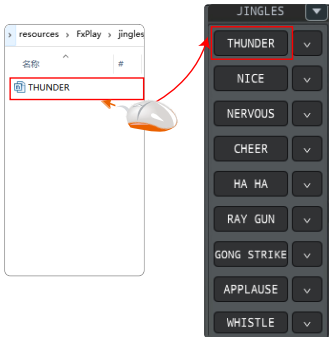
A; Select the drop down menu and click 'Import device jingles' to import an entire set of jingles/sound fx.

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 'send 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'.



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 WeLive 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. Click the button to toggle between 'Major' and 'Minor' variations of the chosen key.

14. Jingle/sample trigger buttons

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 WeLive 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 the WeLive outputs to your amplifier, powered monitors or surround system.

If you are monitoring through headphones, connect your headphones to one of the device's headphone outputs.

You may also connect a headset (a set incorporating headphones and a built-in microphone).

Connect your microphones to the device's analog inputs.

Note: Headset Mic becomes Mic Input 2 when connected

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

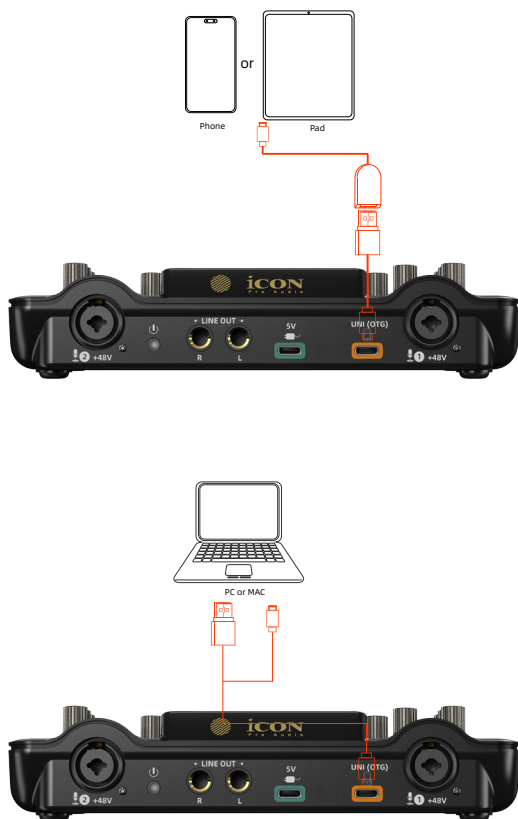
Connect your mobile device via an OTG cable and adapter

or

Connect your PC/Mac via USB A - C cable or a USB-C to USB-C if applicable.

Connect to your PC/Mac to use FX Play.

Note: For in-person live performances, the OTG connection can also be used to import background music via OTG capable mobile phones/tablets, using EQ and vocal FX to support vocals.



Bluetooth Connections

Bluetooth Module 1: for Backing Music (BGM):



Typical Use Examples

The following pages include some examples of how users may typically use the WeLive device.

Please note:

When using sound equipment , it is generally recommended you turn on powered speakers/PA equipment LAST with peripheral equipment such as the WeLive switched on previously and at zero volume. Please consult manufacturer's documentation regarding the preferred order/process of turning on audio equipment.

Example 1: Social media applications 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. You will use this phone for broadcasting.
- Enable Bluetooth on the secondary phone (used for backing tracks) and connect it to the WeLive. 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 (diagram 2).
- Use an OTG adapter and an OTG-enabled USB cable to connect the WeLive to your primary phone for social media app streaming (diagram 1).
- 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.
- 'We Live' on your social media app, ensuring backing tracks and microphone audio are synced.

Diagram 1

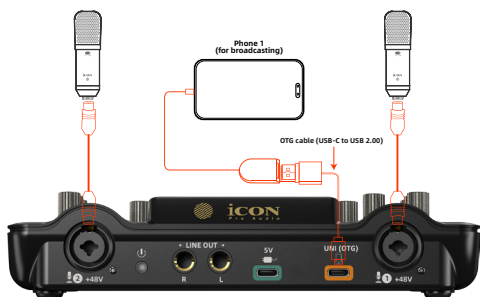


Diagram 2



Example 2: Live with USB-C Backing Tracks

- Ensure the WeLive is powered on and charged or connected to a power source.
- Use a USB-C OTG cable to connect your phone or tablet to the WeLive. This device will be used as your backing track source. Ensure the device is recognized by the WeLive.
- Connect your microphone(s) to the WeLive (via XLR or 1/4 inch (6.35mm) TRS connectors).
- Adjust microphone gain and effects (e.g., reverb, harmony) as desired using the onboard controls.
- Connect the WeLive's outputs to your PA system or amplifier using XLR or TRS cables for live performance. Use the mobile phone to control gain for the backing track sourced via the OTG connection, (the PODCAST rotary encoder is not equipped for this function).
- Use headphones to monitor the mix, ensuring Mic Monitor is enabled via the FX Play software.
- Test the setup with your backing track and microphone to ensure proper levels and effects before performing.
- Use the onboard controls to adjust levels dynamically during the performance if required.

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.



Example 3: Live with BT Backing Tracks

- Plug your microphone(s) into the WeLive via the XLR/1/4-inch (6.35mm) combo inputs.
- Connect your PA system or amplifier and ensure it is ready to receive input from the WeLive. Ensuring the WeLive is charged or connected to a power source, turn on the WeLive with the Master output at zero.
- Press the Bluetooth button on the WeLive. The button will light up, and the Bluetooth icon on the display will flash to indicate pairing mode. On your mobile device (e.g., phone or tablet), go to the Bluetooth settings and search for available devices. Select WeLive from the list. Once paired successfully, the Bluetooth icon on the WeLive will remain steadily lit.
- Open your preferred music app (e.g., YouTube, Spotify, or a media player) on the paired Bluetooth device.
- Select the backing tracks you will use during your performance.
- Adjust the gain for each microphone channel using the gain control knobs.
- For personal monitoring, connect headphones to the headphone outputs on the WeLive (ensuring Mic Monitor has previously been turned on in FX Play).
- Use the onboard controls to balance the levels of:
 - Microphones
 - Bluetooth backing tracks
 - Overall master output
- Optionally, use the built-in effects (e.g., reverb, vocal tune, harmony) to enhance your performance.

Example 4: Social media with a webcam (with a computer)

- Connect the WeLive device to your computer using a USB cable.
- Plug a microphone into the Mic In port on the WeLive.
- Select a backing track on your computer to play via a media player.
- Press the LOOPBACK button on the WeLive 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 WeLive 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 WeLive to dynamically adjust audio levels or alter effects.
- For PC Users:
Ensure your PC sound settings are configured with WeLive as both input and output devices.
- Confirm that the streaming platform is receiving audio input from the WeLive device.
- For Mac Users:
In System Preferences > Sound, set WeLive as the input and output devices. Verify the streaming application detects WeLive as the microphone input.
- Note: Always test your setup before going live to ensure optimal audio and video quality.

Additional Notes & Tips on Broadcasting and Live performance:

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 WeLive to avoid signal drops.

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

Latency Awareness: Test for any latency between the backing track and live vocals. While the WeLive minimizes latency, adjustments may be needed if your device introduces a delay.

To power both your phone and the WeLive simultaneously during OTG use, connect the supplied OTG cable between your phone's USB-C port and the WeLive's UNI/OTG port. Then, plug a 5V/3A power adapter or power bank into the WeLive using a USB cable. This setup delivers continuous power to both devices, ensuring your phone stays charged during extended broadcasts or recordings.

Using physical inputs via OTG: Please note that the PODCAST rotary encoder only affects output volume via UNI OTG and that gain control for an incoming audio signal from an external physical device must be controlled by the device itself i.e. a mobile phone's volume control.

Please note that Vocal Remove, BGM Pitch and Voice Over functions only apply to background music delivered via the Bluetooth connection. These will not work for music delivered via the USB-C UNI OTG connection.

Troubleshooting

Common Issues and Solutions:

1. No Sound or Audio Output:

- Ensure FX Play is connected to the WeLive hardware.
- Check that Mute is not engaged.

2. Distorted Audio:

- Reduce the input gain levels (MIC1/MIC2) to avoid clipping.
- Adjust the Compressor's threshold and ratio settings.

3. Excessive Background Noise:

- Enable the Noise Reduction feature.
- Use the HP Filter to remove low-frequency hum or rumble.

Restoring Factory Defaults

Follow these steps to restore the unit to its factory default settings.

- Step 1:** Turn off the device.
- Step 2:** Hold the power button + Jingle Stop button while turning it back on. This resets all saved presets and parameters to their factory values.



Minimum System Requirements

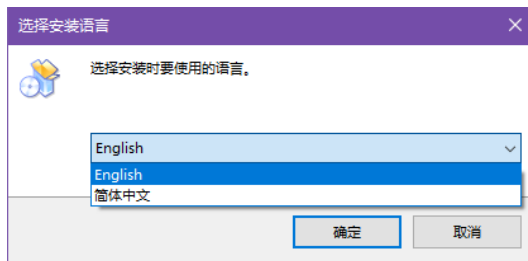
Important: The WeLive interface is supported by MacOS 10.09 or above and Windows 7 or above, (32bit and 64 bit). Earlier versions of Mac or Win operating systems are not supported.

Appendices:

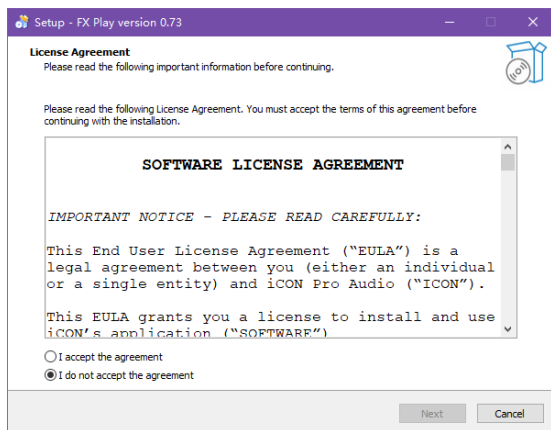
- 1. FX Play Installation: Windows**
- 2. FX Play Installation: Mac**

FX Play Installation - Windows

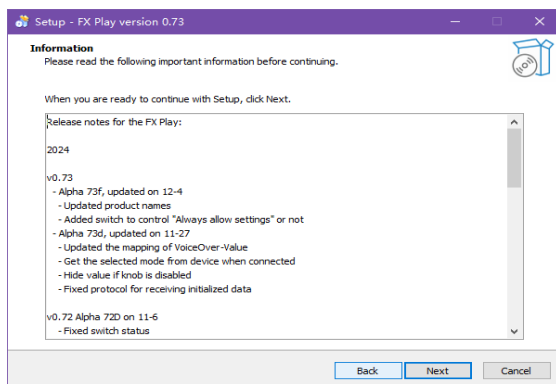
1. Choose the language version you require.



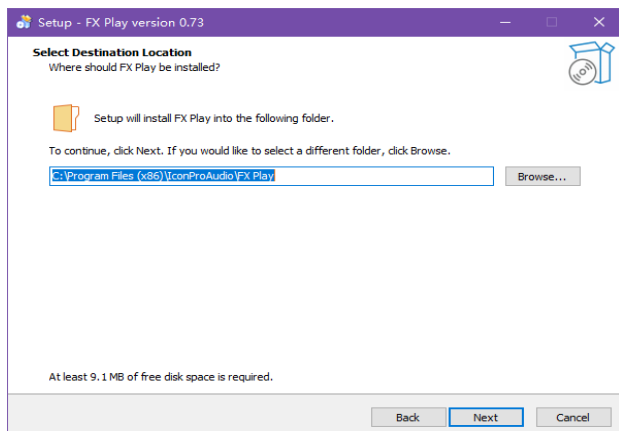
2. Read the license agreement carefully. Accept the agreement and select 'Next'.



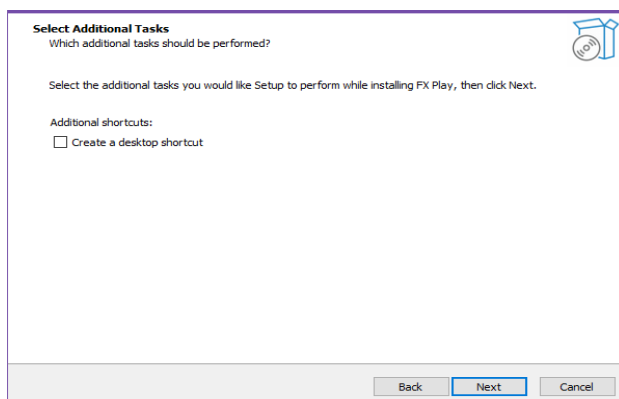
3. Read the release notes carefully. Accept the agreement and select 'Next'.



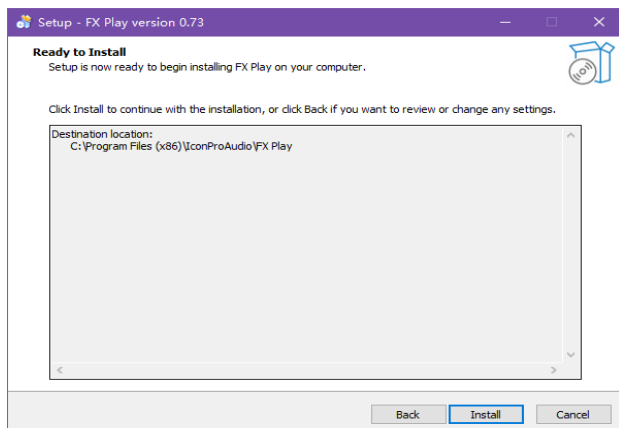
4. Select the destination installation file and select 'Next'.



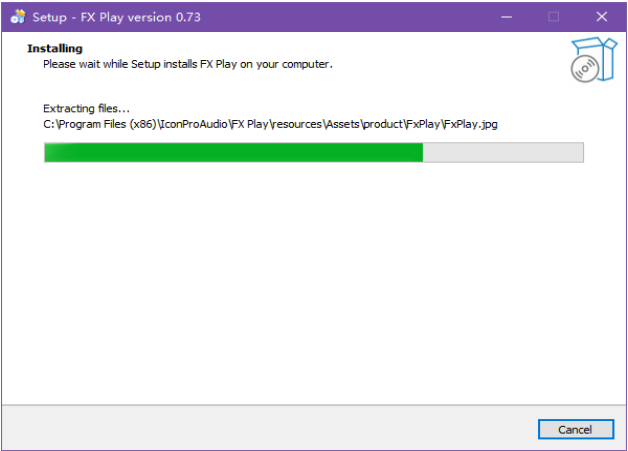
5. Create a desktop shortcut if required by ticking/checking the box. Press 'Next'.



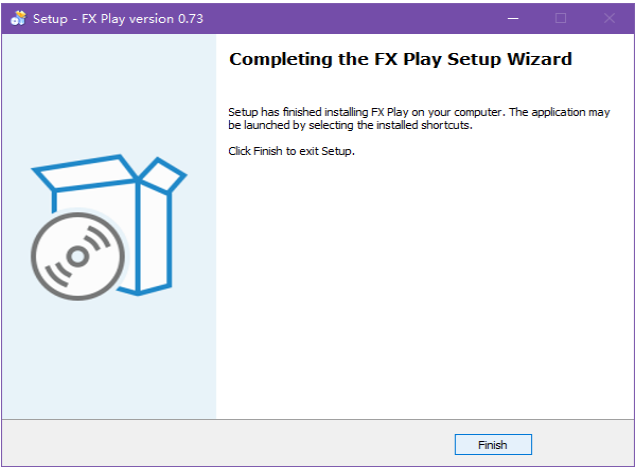
6. Double check your installation destination. Press 'Install' to install FX Play.



7. FX Play will install.

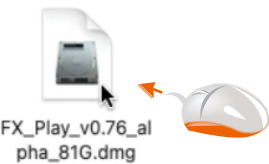


8. Setup finishes the install. Click 'Finish'.

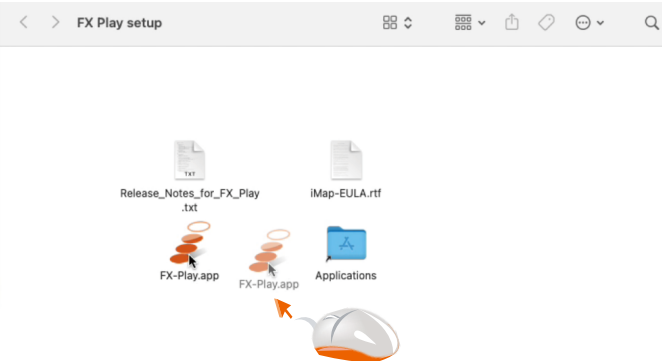
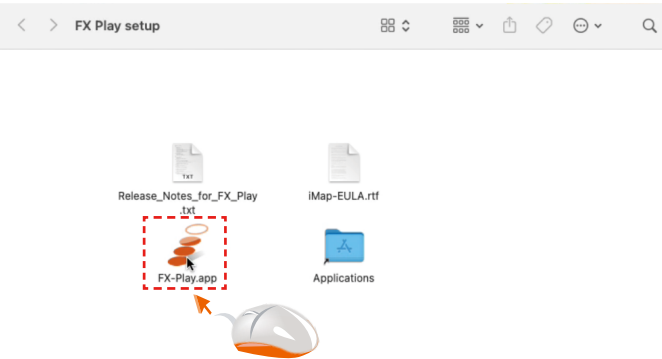


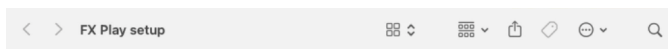
FX Play Installation - Mac

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

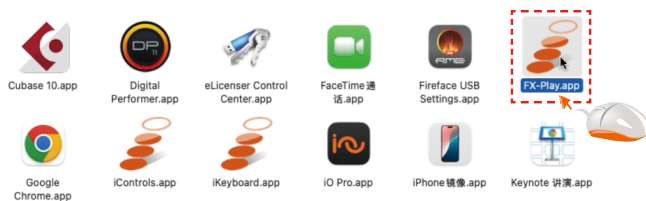


- 2. After dragging the FX Play app into the Applications folder, click to open the Applications folder.





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



Specifications

ADC/DAC Specifications

ADC:106dB DNR/-95dB THD+N 0.0017%
DAC:108dB DNR/-91dB THD+N 0.0028%

Technical Information

Microphone input (XLR/TRS,Balance)

Frequency response.....20Hz-20kHz (+/-0.2dB)
Dynamic range.....0.0018% (-95dB) A-weighted
SNR.....0.0018% (-95dB) A-weighted
THD+N.....0.0056% (-85dB) A-weighted
Input impedance.....150-2000ohms 600ohms (typical)
Gain range.....+60dB; -18dB to +60dB(3dB Step)
Phantom Power supply (XLR).....+48V±3V,7mA

Line In (BGM (Bluetooth) IN)

Frequency response.....20Hz-20kHz (+/-0.2dB)
Dynamic range.....-90dB, A-weighted
SNR.....0.0018% (-95dB) A-weighted
THD+N.....0.018%(-75dB) A-weighted
Crosstalk.....0.01%(-80dB) A-weighted
Input impedance.....10k Ohms, typical
Gain range.....+6dB

Line Out1/2(6.35mm TRS,unbalanced)

Frequency response.....20Hz-20kHz (+/-0.2dB)
Dynamic range.....0.0018% (-95dB) A-weighted
SNR.....0.0004% (-108dB) A-weighted
THD+N.....0.0018% (-95dB) A-weighted
Gain range.....+6dB
Output level.....Unbalanced:+2dBu,typical

Frequency response.....	20Hz-20kHz (+/-0.2dB)
Dynamic range.....	0.0018% (-95dB) A-weighted
SNR.....	0.0018% (-95dB) A-weighted
THD+N.....	0.0056% (-85dB) A-weighted,@1kHz, @-6dBFS, @600ohms
Load impedance.....	16-600ohms
Output level.....	+75dBu @1kHz,@0dBFS,@32ohms
Output level.....	106mW+106mW,@32ohms

Interface.....	Type-C
Specification.....	USB2.0 480Mbps
Frequency response.....	20Hz-20kHz (+/-0.2dB)
Dynamic range.....	0.00003% (-125.8dB) @1kHz,@-60dBFS
THD+N(@1kHz,@-6dBFS).....	0.00005%(-125.8dB)Stereo
Accuracy/sampling rate.....	24bit, 48kHz
Sound Card Output- USB input for External devices -OTG Digital Connection (stereo)	
External devices USB Output -Sound card Input -OTG Digital connection (stereo)	

Interface.....Type-C
Voltage.....5V
Current.....2A

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

Services

If your WeLive 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:
www.iconproaudio.com



天猫官方旗舰店



天猫店艾肯旗舰店

抖音号



抖音iCON艾肯

哔哩哔哩



B站iCONProAudio

微信公众号



微信号iCON-PRO

官方售后QQ



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中国地区用户

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Youtube



www.youtube.com/iconproaudio

Website



www.iconproaudio.com

Support



support.iconproaudio.com

Dashboard



iconproaudio.com/dashboard

www.iconproaudio.com