



MAINSTREAM Complete Live Streaming and Video Capture Interface with Programmable Control Keys User Guide

[Home](#) » [MAINSTREAM](#) » MAINSTREAM Complete Live Streaming and Video Capture Interface with Programmable Control Keys User Guide 

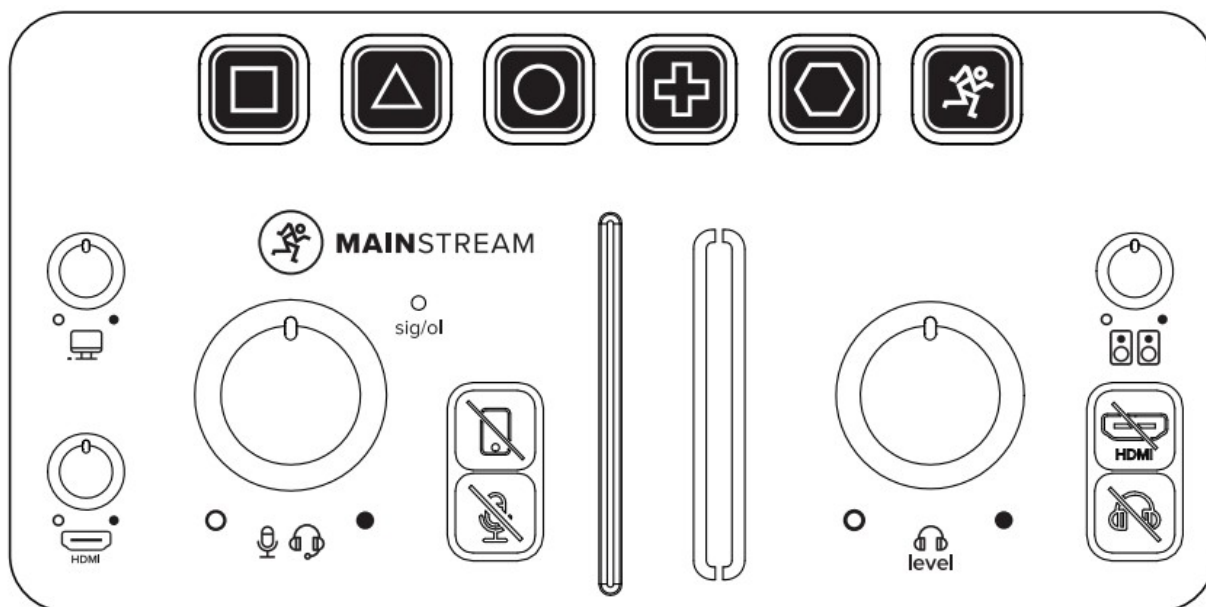


Complete Live Streaming & Video Capture Interface with
Programmable Control Keys

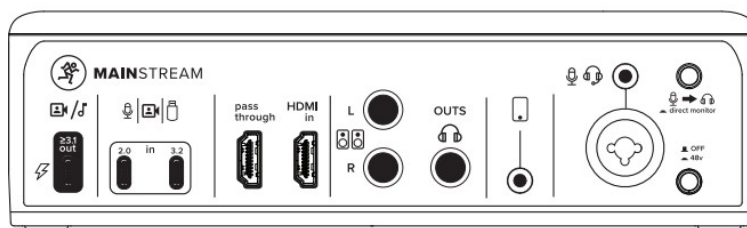
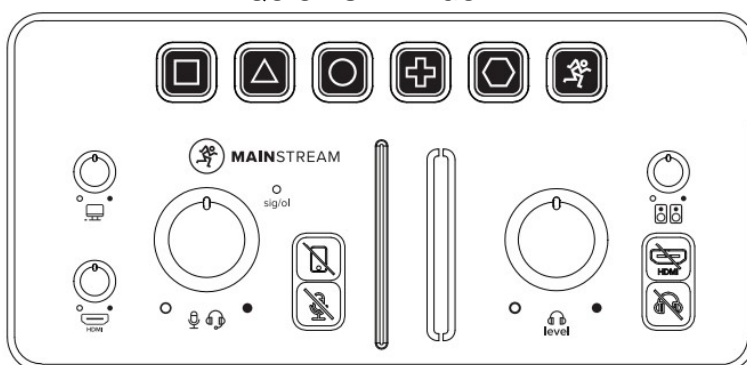
Contents

- [1 Complete Live Streaming and Video Capture Interface with Programmable Control Keys](#)
- [2 Important Safety Instructions](#)
- [3 Getting Started](#)
- [4 Hookup Diagrams](#)
- [5 Technical Specifications](#)
- [6 WARRANTY AND SUPPORT](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)

Complete Live Streaming and Video Capture Interface with Programmable Control Keys



QUICK START GUIDE



Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.

3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings.

Install in accordance with the manufacturer's instructions.

8. Minimum distance (5 cm) around the apparatus for sufficient ventilation. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. No naked flame sources, such as lighted candles, should be placed on the apparatus.
11. Do not defeat 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. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Only use attachments/accessories specified by the manufacturer.
13. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel.

Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
16. This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, such as vases or beer glasses, shall be placed on the apparatus.
17. Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
18. The use of apparatus is in moderate climates. [113 °F / 45 °C maximum].
19. **NOTE:** This device complies with Part 15 of the FCC Rules [and contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s)].

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications to this device not expressly approved by LOUD Audio, LLC. could void the user's authority to operate the equipment under FCC rules.

20. This apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in

the radio interference regulations of the Canadian Department of Communications.

Canada ICES-003(B)/NMB-003(B)

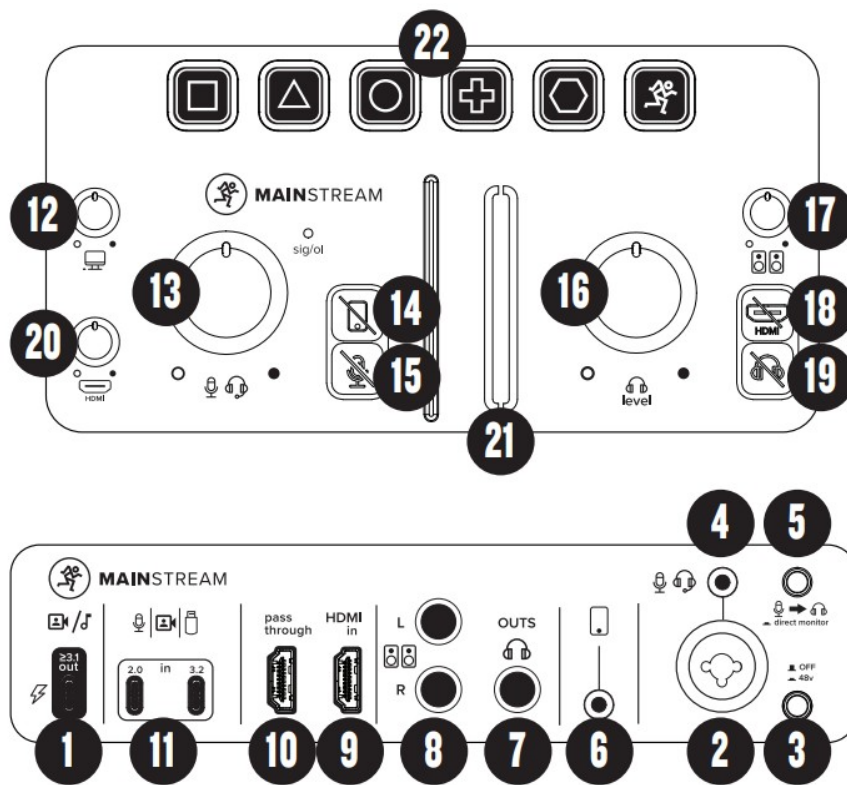
21. Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible noise level exposures shown in the following chart. According to OSHA, any exposure in excess of these permissible limits could result in some hearing loss. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels use hearing protectors while the equipment is in operation. Ear plugs or protectors in the ear canals or over the ears must be worn when operating the equipment in order to prevent permanent hearing loss if exposure is in excess of the limits set forth here:

Duration, per day in hours	Sound Level dBA, Slow Response	Typical Example
8	90	Duo in small club
6	92	
4	95	Subway Train
3	97	
2	100	Very loud classical music
2.	102	
1	105	Ty screaming at Troy about deadlines
0.5	110	
0.25 or less	115	Loudest parts at a rock concert

WARNING — To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Apparaten skall anslutas till jordat uttag.



Correct disposal of this product: This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.



Mastering MainStream is as easy as 1-2-Stream!

However, we strongly encourage you to review the full owner's manual on the Mackie website should any additional questions arise.

MainStream Descriptions

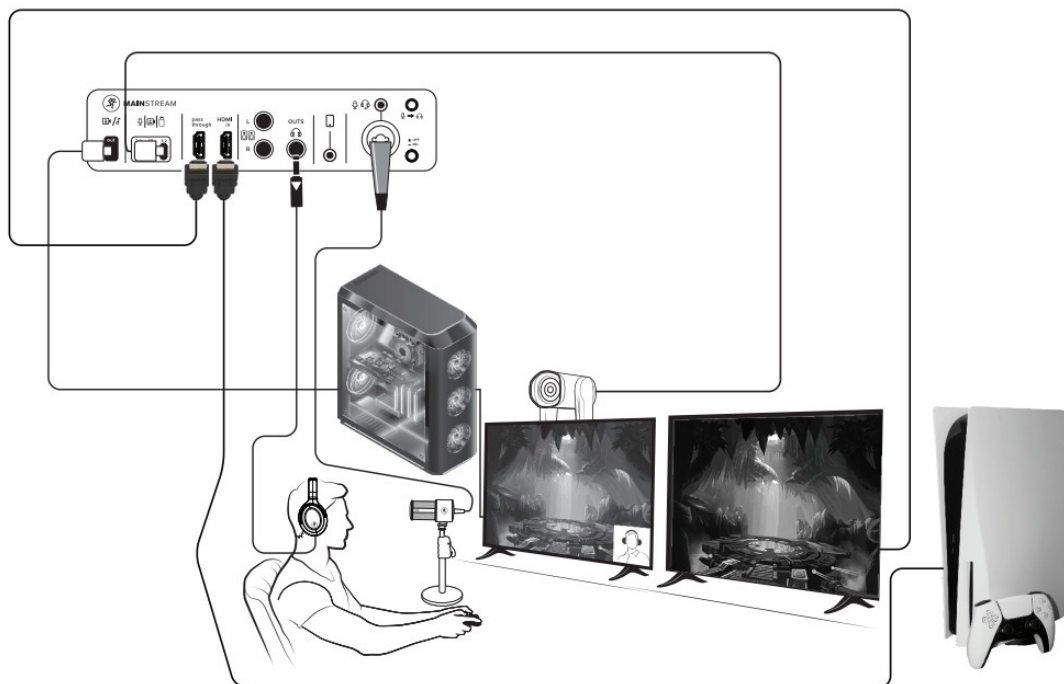
1. Audio/Video Interface and Power Connector Connect one end of the included cable to this MainStream USB-C jack and the other end to a computer's USB-C jack.
NOTE: It only accepts certified USB-C ≥ 3.1 cables.
2. Combo Input Connect a mic, instrument or balanced or unbalanced line-level signal using an XLR or 1/4" connector.
3. 48V Phantom Power Switch Provides 48V for mics, affecting the XLR jack.
4. 1/8" Input Connect a headset using an 1/8" jack.
5. Direct Monitor Switch Engage this switch to monitor mic input signals.
6. 1/8" Input Connect an 1/8" line-level signal from a smartphone.
The volume may be adjusted via the smartphone.
7. Phones Jack Connect stereo headphones here.
8. Monitor Out L/R Connect to the inputs of monitors.
9. HDMI Input Connect a video device to this jack using an HDMI cable. This could be a video game console, computer, DSLR camera, etc.
10. HDMI Passthrough Connect a television or computer monitor to this jack using an HDMI cable. This sends the feed from the HDMI Input to the connected output device.
11. Dual USB-C Input Hub These dual USB-C inputs are used for sending/receiving audio/video/data to a computer. This could be any number of things such as a webcam, USB mic, flash drive, and more.
NOTE: Be sure to use the correct cable for your device. The left input accepts USB-C ≥ 2.0 and the right input accepts ≥ 3.2 .
12. PC Audio Return Level Control Knob Rotating this knob adjusts the input volume of the audio return from the

- computer 13. Mic Level Control (+Sig/OL LED) Rotating this knob adjusts the input gain of the microphone. Turn it down if the accompanying LED illuminates solid red. 14. Aux Mute Pressing this button mutes the 1/8" input. The button illuminates if the mute switch is engaged.
13. Mic Mute Pressing this button mutes the combo jack and headset mic inputs. The button illuminates if the mute switch is engaged.
14. Headphone Level Control Knob Rotating this knob adjusts the output volume of the headphones.
15. Monitor Level Control Knob Rotating this knob adjusts the output volume of the monitors.
16. HDMI Audio Mute Pressing this button mutes the HDMI audio. The button illuminates if the mute switch is engaged.
17. Headphone/Monitor Mute Pressing this button mutes the headphone and monitor outputs. The button illuminates if the mute switch is engaged.
18. HDMI Audio Level Control Knob Rotating this knob adjusts the input volume of the HDMI audio.
19. Main Meters Used to gauge the output levels.
20. Multifunction Keys These six keys (aka F1-F6) may be assigned tasks of your choosing, such as scene switching, triggering virtual sample pads, and more. These six multifunction keys may be mapped by accessing the hot key settings in any application.

Getting Started

1. Read and understand the Important Safety Instructions on page 4.
2. Make all initial connections with the power switches OFF on all equipment.
Make sure the volume controls are all the way down.
3. Plug signal sources into the MainStream, such as:
 - A microphone and a set of headphones/monitors or a headset. [Add 48V phantom power, if necessary].
 - A phone connected to the 1/8" aux jack via TRRS.
 - A video device plugged into the HDMI input jack.[Computer, video game console, DSLR camera, etc.] • A webcam, USB mic, flash drive, etc. connected to the USB-C IN jacks.
4. Connect one end of the included USB-C cable to the MainStream USB-C OUT jack and plug the other end into a computer.
It will power up automatically when the computer is turned on.
5. Power up all devices connected to MainStream.
6. Confirm that all mute switches are off.
7. Open the application of your choice and map the multifunction keys as desired.
8. Slowly raise the input and output volumes to a comfortable listening level.
9. Start streaming!

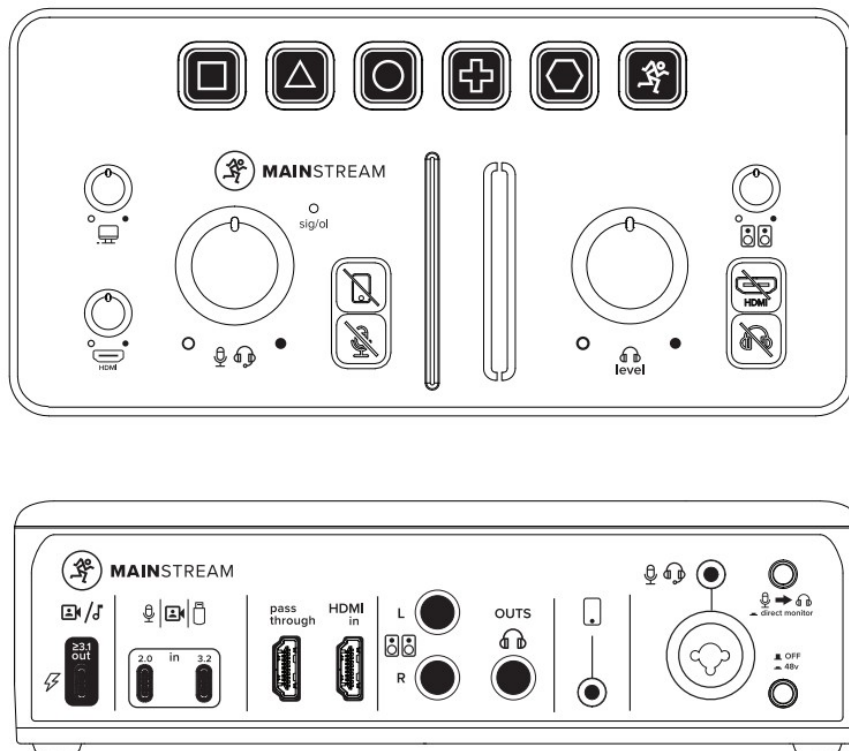
Hookup Diagrams



Technical Specifications

MODEL	MAINSTREAM
Frequency Response	All inputs and outputs: 20 Hz – 20 kHz
Mic Preamp Gain Range	0-60 dB Onyx Mic Pres
Video Input Types	HDMI Type A 2.0, USB-C ≥2.0, USB-C ≥3.2
HDMI Passthrough Type	HDMI Type A 2.0
Max HDMI Passthrough Resolution	4Kp60 (Ultra HD)
Max Capture Resolution	1080p60 (Full HD)
Audio Input Types	XLR Combo Jack (Mic/Instrument), 1/8" TRRS Headset Jack, 1/8" Aux Line In Jack, HDMI Input Toma combo XLR (Micro/Instrumento)
Audio Output Types	1/4" TRS Headphone Jack, 1/8" Headset Jack, Stereo 1/4" TRS Monitor Jacks, 1/8" Aux Line Out Jack
USB Audio Format	24-bit // 48 kHz
Power Requirements	USB Bus Powered
Size (H x W x D)	2.4 x 8.4 x 3.7 in 62 x 214 x 95 mm
Weight	1.3 lb // 0.6 kg

MainStream Complete Live Streaming & Video Capture Interface with Programmable Control Keys
All specifications subject to change



WARRANTY AND SUPPORT

Visit WWW.MACKIE.COM to:

- Identify WARRANTY coverage provided in your local market.
Please keep your sales receipt in a safe place.
- Retrieve a full-version, printable OWNER'S MANUAL for your product.
- DOWNLOAD software, firmware and drivers for your product (if applicable).
- REGISTER your product.
- CONTACT Technical Support.



19820 NORTH CREEK PARKWAY #201
 BOTHELL, WA 98011
 USA Phone: 425.487.4333
 Toll-free: 800.898.3211
 Fax: 425.487.4337

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Hereby, LOUD Audio, LLC declares that the radio equipment type [MAINSTREAM] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity and Bluetooth conformity are available at the following internet address: <https://mackie.com/en/support/drivers-downloads?folderID=27309>

www.mackie.com



Documents / Resources

	<p>MAINSTREAM Complete Live Streaming and Video Capture Interface with Programmable Control Keys [pdf] User Guide</p> <p>Complete Live Streaming and Video Capture Interface with Programmable Control Keys, Complete, Live Streaming and Video Capture Interface with Programmable Control Keys, Capture Interface with Programmable Control Keys, Interface with Programmable Control Keys, Programmable Control Keys</p>
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References

-  [MACKIE](#)
-  [Drivers/Downloads | MACKIE](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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