![Yamaha Make Waves logo]

LIVE STREAMING MIXER
AG 08

YOUR AUDIENCE AWAITS

As the flagship model of Yamaha's second-generation AG series lineup, the AG08 combines all the essential functionality of its predecessors with a versatile selection of practical new features to give you a powerful all-in-one streaming station. By integrating more flexible I/O and USB routing options, expanded footswitch functionality, as well as additional DSP effects and improved internal circuitry for class-leading sound, the AG08 is able to support an impressive depth of live streaming applications, as well as offline audio content creation. From single-user talking, gaming, ASMR, voice acting, or vocal/instrument performances, to multiple personnel applications even on the scale of a full-blown variety show, the real-world, real-time functionality of the AG08 will leave your audience wanting more.

ALL-IN-ONE STREAMING STATION

FEATURES

TWO CONDENSER MIC IN WITH TWO HEADPHONE OUT

Like the AG06MKII, both Channel 1 and 2 of the AG08 are equipped with phantom power to support condenser microphones that are favored amongst musicians and dialogue-driven content creators for their exceptional sensitivity and fidelity. You can also pan left and right with the AG08 Controller dedicated app for any kind of stereo microphones including ASMR microphones.
In addition, there are two independent headphone monitor channels for applications where two people are broadcasting a conversation or where there is someone other than the performers managing the audio.

THREE ASSIGNABLE FADERS FOR FLEXIBLE USB IN/OUT

The signal from multiple apps on a USB-connected PC,or analog line inputs can be individually assigned to the faders for Channel 3/4, 5/6, or 7/8 of the AG08, allowing you to intuitively mix the LINE/USB audio signals via physical control of the faders.
Conversely, three USB mixed outputs from the AG08 can be individually assigned to various apps on the PC via USB connection.
Combining these functions makes it easy to respond more flexibly in real time, for example sharing optimally mixed audio with chat partners or listeners during live chats and streaming.
What's more, for ASIO-supported apps such as DAW software, the direct out from each input channel (Channels 1, 2, 3/4, 5/6, and 7/8) and three mixed channels can be used in parallel, enabling multi-channel recording even during live streams.
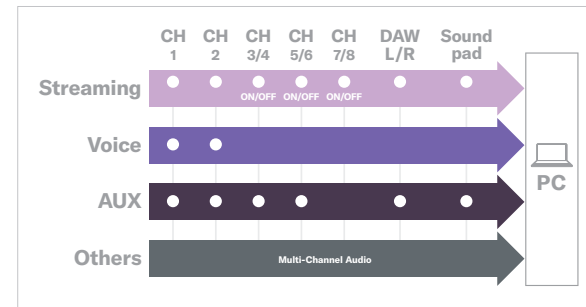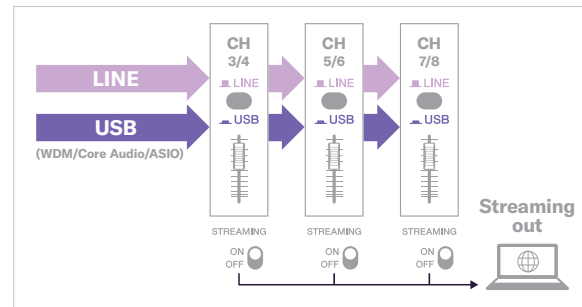
FOUR EFFECT PRESET BUTTONS FOR CH1

The four effect preset buttons on the bottom left of the AG08 console allow you to seamlessly switch between customized effect presets for Channel 1 on the fly. This gives users versatile, real-time control to add just the right amount of effect— including the new Voice Changer— during voice-acting and live music performances in particular.

FIVE DSP EFFECTS

The AG08 come equipped with high-quality effects to color, correct, or enhance your vocal and musical instrument signals. Grouped into the five categories detailed below, all effects are processed by the onboard DSP, so there is no latency and no impact on PC processing. *Details of each DSP effect can be set in the AG08 Controller app.

1. Voice Changer (CH1) / Amp Sim (CH2) 2. Comp, EQ 3. Reverb, Delay 4. Ducker 5. Maximizer

Channel 1 features a new voice changer effect that can transform your voice into that of a different gender, a robot, and more, while Channel 2 offers an amp simulator for a more authentic guitar or bass amp sound. These, along with Comp, EQ, Reverb, and the newly added Delay, can be set independently on each channel, allowing you to dial in the optimal setting for each.
The Ducker function can be used to automatically attenuate Channels 3/4, 5/6, and 7/8 playback sound relative to audio input from Channels 1 and 2, so you can easily set up a streaming system where Channels 1 and 2 signals are always heard clearly.
Finally, the Maximizer is a simple yet powerful mastering function that can add a level boost to your mix for extra polish and professionalism, as well as attenuating peaking signals to give your listeners and viewers a more comfortable and pleasant audio experience.

SIX SOUND PADS
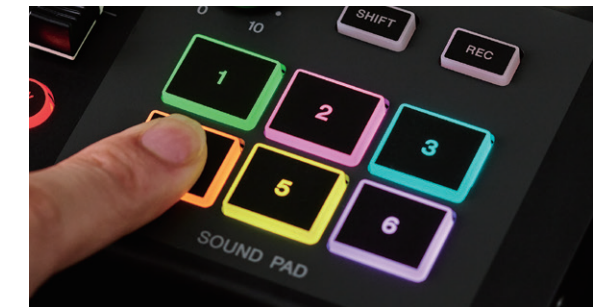
The AG08 comes equipped with 6 customizable sound pads that allow you to easily add sound effects in real time to liven up your broadcasts. Using the "AG08 Controller" dedicated app you can simply import existing sound files and assign them to the pad of your choice, or record your own samples via the AG08 inputs and trim them to their desired length within the app.

CONVENIENT POWER SUPPLY

Along with the very convenient 1.5A bus USB power supply for mobile applications, the AG08 has been optimized to offer more stable operation with the addition of the new PA-150B dedicated AC power adapter.

POWERFUL BUNDLED SOFTWARE

The AG08 comes bundled with Cubase AI music production software, as well as WaveLab Cast for audio production and editing. The AG08 is also compatible with Rec'n'Share and Cubasis LE applications for iOS devices which are available free of charge from Yamaha and Steinberg to support and inspire your audio content creation.

AG08 CONTROLLER

The simple mode also provides a sound check function.
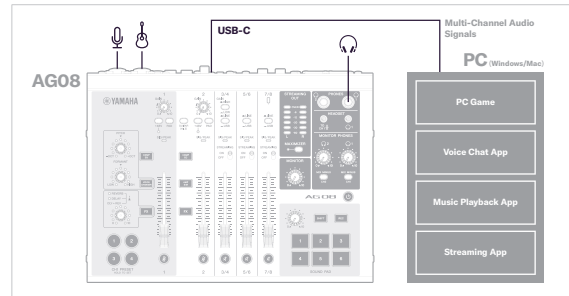

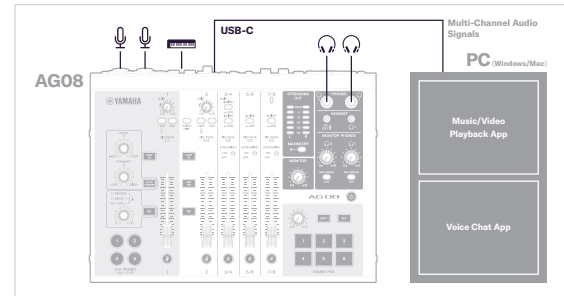| Main | Voice Changer | Sound Pad menu | Simple mode |

SYSTEMS

System example 1
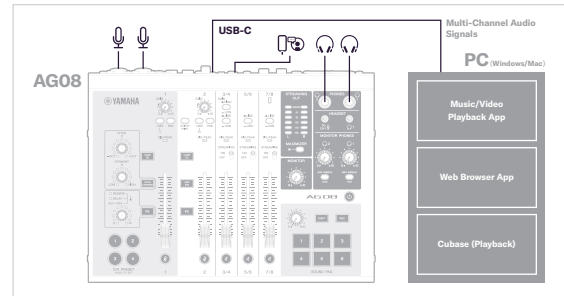Variety Show Streaming (Basic)

Wiring Diagrams

Signal Flows
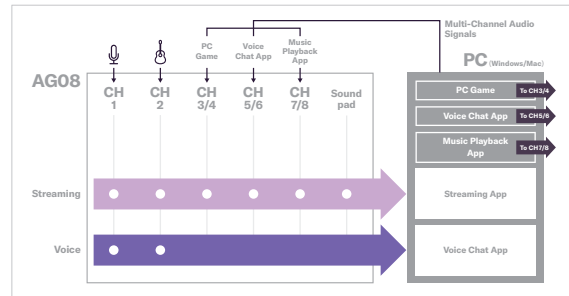
System example 2
Variety Show Streaming (Advanced)

Wiring Diagrams

Signal Flows

System example 3
Streaming with Backup Recording on Cubase

Wiring Diagrams
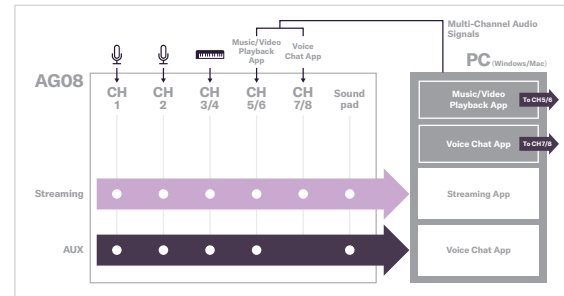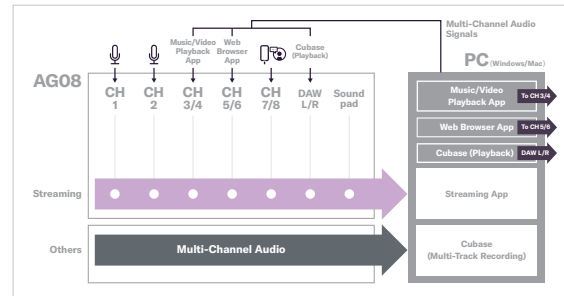
Signal Flows

GENERAL SPECIFICATIONS

Outline		
Input Channels	Mono [MIC/LINE]	2 - CH1: Combo (Mic, +48 V phantom power / Line), 3.5 mm (1/8") stereo mini (Headset mic, Plug-in power), CH2: Combo (Mic, +48 V phantom power / Guitar input / Line) *CH1 input and Headset mic cannot be used simultaneously
	Stereo [LINE]	3 - CH3/4: LR Stereo Phone, CH5/6: LR Stereo RCA/3.5 mm stereo mini (AUX), CH7/8: 4-pole mini in/out (TRRS)
	AUX	1 - Stereo mini
	Smartphone	1 - 4-pole mini input/output (TRRS)
	USB	1 - USB: 4 Stereo Audio Channels (Streaming, Voice, AUX, FROM DAW)
Output Channels	Phones	2 - CH1: 6.3 mm (1/4") Stereo / HEADSET mini PHONES *Cannot be used simultaneously, CH2: PHONES
	Smartphone	1 - 4-pole mini input/output (TRRS)
	Monitor Out	2 - LR Stereo: XLR, 1/4 TRS Phone
	Stereo Out	1 - MIX: LR stereo TRS Phone
	USB	1 - USB: 4 Stereo Audio Channels (Streaming, Voice, AUX, TO DAW), 8 Channels Direct Out *In Windows environment, ASIO channel and USB 2.0 exist independently. Please check the block diagram for details.

General Specifications	
Power Requirements	DC 12 V, 1.5 A / USB-C 5 V, 1.5 A
Power Consumption	Max. 7.5 W
Dimensions (W x H x D)	290 mm (11.5") × 222 mm (8.8") × 88 mm (3.5")
Net Weight	2.2 kg (4.9 lbs)
Included accessories	AC adapter PA-150B, USB2.0 Cable (1.5 m), Quick Guide, Safety Guide, Wavelab Cast Download Information, Cubase AI Download Information
Others	Operating Temperature: 0 to + 40 °C

OPTIONS

FC5 Foot Switch

A foot switch controller for Yamaha portable PA systems and mixers.

AG08 Controller

AG08 Controller is a software application that allows you to control the DSP functions of the AG08 from your Windows / Mac / iPadOS device via USB connection.

*AG08 Controller can be downloaded from Apple's App Store at no charge. (Apple, iPhone and iPod are trademarks of Apple Inc., registered in the U.S and other countries. App Store is a service mark of Apple Inc.)

AG SERIES

		AG08	AG06	AG03	AG01
Outline					
Input Channels	Microphone	–	–	–	1 (Mono condenser microphone)
	Mono [MIC/LINE]	2 - CH1: Combo (Mic, +48 V phantom power / Line), 3.5 mm (1/8″) stereo mini (Headset mic, Plug-in power), CH2: Combo (Mic, +48 V phantom power / Guitar input / Line) *CH1 input and Headset mic cannot be used simultaneously		1 - Combo (Mic, +48 V phantom power / Line), 3.5 mm (1/8″) stereo mini (Headset mic, Plug-in power) *CH1 input and Headset mic cannot be used simultaneously	–
	Stereo [LINE]	3 - CH3/4: LR Stereo Phone, CH5/6: LR Stereo RCA/3.5 mm stereo mini (AUX), CH7/8: 4-pole mini in/out (TRRS)	2 - L/R Stereo: Phone, RCA	1 - Stereo Line / Guitar Input (Mono)	–
	AUX	1 - Stereo mini	–	–	1 - Stereo mini
	Smartphone	1 - 4-pole mini input/output (TRRS)			1 - 4-pole mini input/output (TRRS)
	USB	1 - USB: 4 Stereo Audio Channels (Streaming, Voice, AUX, FROM DAW)	1 - USB: 1 Stereo Audio Channels		1 - USB: 1 Stereo Audio Channels
Output Channels	Phones	2 - CH1: 6.3 mm (1/4″) Stereo / HEADSET mini PHONES *Cannot be used simultaneously, CH2: PHONES	1 - PHONES / HEADSET PHONES *Cannot be used simultaneously		1 - Stereo mini
	Smartphone	1 - 4-pole mini input/output (TRRS)			1 - 4-pole mini input/output (TRRS)
	Monitor Out	2 - LR Stereo: XLR, 1/4 TRS Phone	1	2 - L/R Stereo: Phone, RCA	–
	Stereo Out	1 - MIX: LR stereo TRS Phone	1	–	–
	USB	1 - USB: 4 Stereo Audio Channels (Streaming, Voice, AUX, TO DAW), 8 Channels Direct Out *In Windows environment, ASIO channel and USB 2.0 exist independently. Please check the block diagram for details.	1 - USB: 1 Stereo Audio Channels		1 - USB: 1 Stereo Audio Channels
Bus		4 Stereo	1 Stereo		1 Stereo
Functions		MUTE button x 5, CH1 FX preset button x 4, Sound pad x 6, +48 V phantom power x 2, GUITAR(HI-Z) x 1, PAD x 2, GAIN HIGH/LOW x 1, LINE/USB x 3, STREAMING ON/OFF x 3, CUE x 1, MIX MINUS (CH1, 2)	MUTE button x 2, PAD button x 4, HI-Z button x 1, STREAMING OUT (DRY CH 1-2G / INPUT MIX / LOOPBACK), MIX MINUS (ON / OFF)		MIC GAIN (HIGH / MID / LOW), MUTE button x 1, STREAMING OUT (MIC / INPUT MIX / LOOPBACK), MIX MINUS MIC (ON / OFF)
On-board Processors	DSP	Voice Changer, Amp Simulator, COMP, EQ, REVERB (SPX Reverb), Delay, Ducker, Maximizer *Detail is operated on AG08 Controller	COMP/EQ, REVERB (SPX Reverb), AMP SIM *Detail is operated on AG Controller		COMP/EQ, REVERB (SPX Reverb) *Detail is Controlled on AG Controller
USB	USB Audio	8 IN / 14 OUT, USB Audio Class 2.0 Compliant, Sampling Frequency: Max. 48 kHz, Bit Depth: 24-bit, Type-C	2 IN / 2 OUT, USB Audio Class 2.0 Compliant, Sampling Frequency: Max. 192 kHz, Bit Depth: 24-bit, Type-C		2 IN / 2 OUT, USB Audio Class 2.0 Compliant, Sampling Frequency: Max. 192 kHz, Bit Depth: 24-bit, Type-C
General Specifications					
Power Requirements		DC 12 V, 1.5 A / USB-C 5 V, 1.5 A	5 V DC, 900 mA		5 V DC, 900 mA
Power Consumption		Max. 7.5 W	Max. 4.5 W		Max. 4.5 W
Dimensions (W x H x D)		290 mm (11.5″) × 222 mm (8.8″) × 88 mm (3.5″)	152 mm (6.0″) × 63 mm (2.5″) × 201 mm (7.9″)	126 mm (5.0″) × 63 mm (2.5″) × 201 mm (7.9″)	116 mm (4.6″) × 281 mm (11.1″) × 118 mm (4.6″)
Net Weight		2.2 kg (4.9 lbs)	0.9 kg (2.0 lbs)	0.8 kg (1.8 lbs)	1.2 kg (2.6 lbs)
Included accessories		AC adapter PA-150B, USB2.0 Cable (1.5 m), Quick Guide, Safety Guide, Wavelab Cast Download Information, Cubase AI Download Information	USB2.0 Cable (1.5 m), Quick Guide, Safety Guide, Wavelab Cast Download Information, Cubase AI Download Information		USB2.0 Cable (1.5 m), Quick Guide, Safety Guide, Wavelab Cast Download Information, Cubase AI Download Information
Others		Operating Temperature: 0 to + 40 °C			Operating Temperature: 0 to + 40 °C