STUDER® microseries

production mixing system for broadcast and media applications

HARMAN

Introducing the

microseries

Everything You Need in One Box

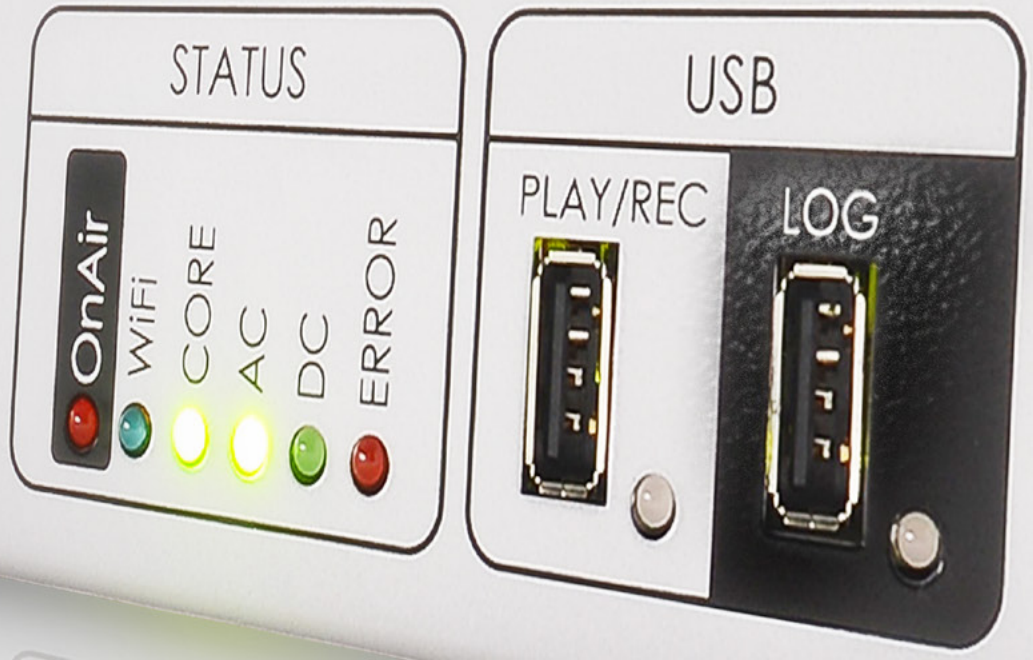
Get the functionality of a high-end digital audio mixing system in a compact, cost-effective package. The Micro Series combines renowned Studer quality with powerful features including AoIP, Lexicon effects processing, and VoiceMix automatic mixing.

Comprised of the core unit, graphical user interface and optional fader control surface, the Studer Micro Series is ideal for radio and TV broadcast, production studios, ENG/DSNG, and more. It is fully controllable from any standard web browser on your tablet or computer.

Key Features

- Proven Studer sound quality and performance
- Compact, integrated form factor
- Comprehensive array of I/O including AoIP (Dante)
- High-quality Studer mic/line inputs
- Fully controllable via LAN or Wi-Fi using an HTML 5-capable web browser on computer/tablet
- Internal Wi-Fi router for connecting with computers and tablets
- Optional physical fader control surface
- Highly acclaimed Studer VoiceMix automatic mixing algorithm can mix up to 12 mono inputs
- Automatic input gain level calibration on each mic input
- Integrated stereo recorder, track player and jingle player
- 2x stereo Lexicon multi-effects

One Powerful Core



At the center of Studer Micro Series is the core unit—a rugged 3RU, fanless rack-mountable chassis with integrated I/O, DSP and a control system hosted by an internal web server. Unlike other broadcast solutions that require expensive add-ons, the core features AoIP as standard with eight channels of DANTE I/O.

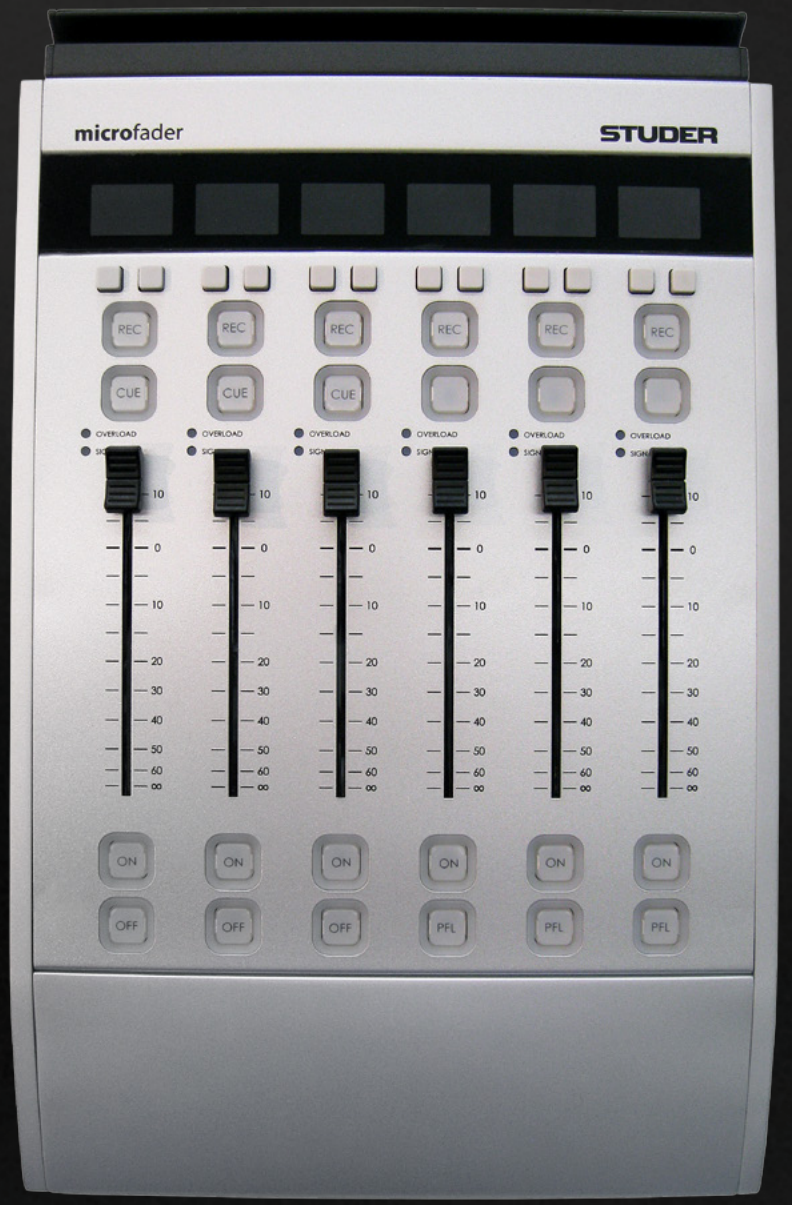
Intuitive, Flexible Interface

Every function of the core unit can be controlled via the intuitive graphical user interface (GUI). Simply open the web browser on your computer or tablet using LAN or Wi-Fi, enter the IP address of the core, and the GUI appears—no need to install any software. A single device can control multiple core units, and conversely, multiple devices can control a single core simultaneously.

The web-based Studer Micro Series GUI allows you to move freely anywhere in the mix environment. Surfaces are represented graphically, allowing a potentially large surface to be displayed on a small screen. This represents a huge cost-saving opportunity by practically eliminating the need for a large, expensive control surface.

A Precise Touch

For live broadcasters who appreciate the touch of physical faders for quick level adjustments and seamless multi-tasking, Studer offers an optional fader control surface that allows the operator to work the system by touch alone. The fader unit is a highly simplified 6-fader surface that offers streamlined controls for live operation. Two controllers can be attached to a single core for a maximum surface size of 12 faders.



Full Specifications

AUDIO I/O:

- 4x HQ Mic Inputs
- 8x Line Inputs
- 12x Line Outputs
- 2x AES Pairs I/O (Input SRC)
- 8x DANTE I/O (AoIP)
- Dedicated DJ and Guest Headphone Out
- 2x USB Playback & Record (Stereo) Ports

PROCESSING:

- 12x Fat Input Channels (Mono or Stereo with De-Esser, 4-band Parametric EQ, High Pass and Low Pass Filters, Compressor, Noise Gate and Ducking)
- VoiceMix Automatic Mixing on all Mono Inputs
- 2x Stereo Lexicon Effects Engines
- Stereo PGM & REC Buses
- 4x Stereo Aux Sends (configurable as N-1)
- Brickwall Limiter on Outputs
- Input & Output Routing
- Independent Stereo USB Track Player (Simple Internal Automation Playout System)/Recorder and Jingle Player

ADDITIONAL CONNECTIONS:

- External Redundant 12V DC PSU
- Dedicated Wordclock I/O (AES & DANTE also available)
- 12x GPIO
- USB and HDMI
- LAN
- 2x PoE for Control Surfaces

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by HARMAN