FLX Series
DSP-Enabled Amplifiers

The FLX Platform is the most versatile 1/2 rack networked amplifier Stewart has ever produced. This compact package contains over 300 watts of power output in various channel configurations and impedances. At the heart of the platform is a robust, internal full function DSP that is designed to solve a multitude of your audio problems in just one box. The channel count varies from 1-4 channels and the DSP allows further configuration via bridging, routing, EQ, Filters, limiters and much more. A USB port makes programing simple, fast and repeatable for large installations. The RVC and RS232 control allow volume control from a wide range of devices. In addition, the FLX platform has an optional factory installed Dante™ or CobraNet® card with 2 channels of networked audio. You won't find a more flexible combination of power output and processing in a comparable package on the market today.

FLX 160-2 shown

FLX Series

FLX80-4	80W x 4 @ 4 Ohms
FLX80-4 CV	80W x 4 @ 70V/100V
FLX160-2 CV	160W x 2 @ 70V/100V
FLX320-1 CV	320W x 1 @ 70V/100V

Features:
- Onboard DSP for signal routing, filtering, bridging, and set programming
- USB and RS232 available for configuration
- Dante™ & CobraNet® interface available
- 1/2 rack package
- Remote Volume Control
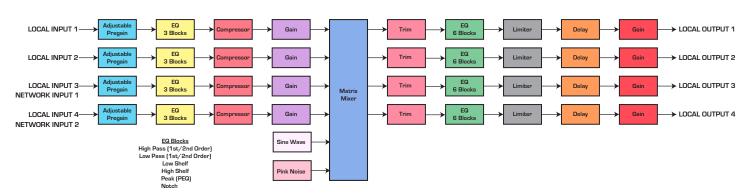- Signal Sense Technology
- Made in the USA

Applications:
- Network Audio
- Hospitality Installations
- Classrooms
- Conference Rooms
- House of Worship
- Dividable Rooms
- 2.1 Installations

STEWARTAUDIO
The Difference is Hear

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FLX80-4 CV   80W x 4 @ 70V/100V
FLX160-2 CV   160W x 2 @ 70V/100V
FLX320-1 CV   320W x 1 @ 70V/100V

Output Power	FLX80-4	80W x 4 @ 4 Ohms
	FLX80-4 CV	80W x 4 @ 70.7V/100V
	FLX160-2 CV	160W x 2 @ 70.7V/100V
	FLX320-1 CV	320W x 1 @ 70.7V/100V
Frequency Response		20 Hz —20 kHz (4 Ohms), 65 Hz - 20kHz (70.7/100V)
THD+N		<.1% @ Full Power
Signal-to-Noise Ratio		>100dB
Input Sensitivity		1V (0 dBV)
Input impedance (Balanced/Unbalanced)		20k Ohms/10k Ohms
Current Draw - Idle,Standby, 1/8 Power		TBD
Amplifier Class		D
Remote Volume		0-10V
External Mute		Contact-closure
Input Connectors		3.5mm Euroblock
Output Connectors		5mm Euroblock
LED Indicators		Power and Signal
Controls		USB & RS-232
Optional Network Input		Dante™, CobraNet®
Power Supply Input		85-265 VAC 50/60Hz (PFC Universal Input)
Construction		Aluminum Chassis
Mounting		Rack-mountable
Cooling		Convection–Cooling (No Fans)
Dimensions (height, width, depth)		1.7"H x 8.3" W x 11.25" D
Weight		4.5lbs max (varies by model)
Warranty		3 years

LOCAL INPUT 1 → Adjustable Pregain → EQ 3 Blocks → Compressor → Gain → Matrix Mixer → Trim → EQ 6 Blocks → Limiter → Delay → Gain → LOCAL OUTPUT 1

LOCAL INPUT 2 → Adjustable Pregain → EQ 3 Blocks → Compressor → Gain → Matrix Mixer → Trim → EQ 6 Blocks → Limiter → Delay → Gain → LOCAL OUTPUT 2

LOCAL INPUT 3 / NETWORK INPUT 1 → Adjustable Pregain → EQ 3 Blocks → Compressor → Gain → Matrix Mixer → Trim → EQ 6 Blocks → Limiter → Delay → Gain → LOCAL OUTPUT 3

LOCAL INPUT 4 / NETWORK INPUT 2 → Adjustable Pregain → EQ 3 Blocks → Compressor → Gain → Matrix Mixer → Trim → EQ 6 Blocks → Limiter → Delay → Gain → LOCAL OUTPUT 4

Sine Wave → Matrix Mixer
Pink Noise → Matrix Mixer

EQ Blocks
High Pass (1st/2nd Order)
Low Pass (1st/2nd Order)
Low Shelf
High Shelf
Peak (PEQ)
Notch

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