

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 routing, EQ, filters, limiters and much more. A USB port makes programing simple, fast and repeatable for large installations. The RVC and RS-232 control allow volume control from a wide range of devices. In addition, the FLX platform has an optional factory installed Dante™ card with 4 channels of networked audio in and out. You won't find a more flexible combination of power output and processing in a comparable package on the market today.



FLX 160-2-CV-D shown

STEWART AUDIO
The Difference is Hear

FLX Series

Analog Model Ordering Part #'s

| | |
|-------------|---------------------|
| FLX80-4-LZ | 80W x 4 @ 4 Ohms |
| FLX80-4-CV | 80W x 4 @ 70V/100V |
| FLX160-2-LZ | 160W x 2 @ 4/8 Ohms |
| FLX160-2-CV | 160W x 2 @ 70V/100V |
| FLX320-1-CV | 320W x 1 @ 70V/100V |

Dante/Analog Model Ordering Part #'s

| | |
|---------------|---------------------|
| FLX80-4-LZ-D | 80W x 4 @ 4 Ohms |
| FLX80-4-CV-D | 80W x 4 @ 70V/100V |
| FLX160-2-LZ-D | 160W x 2 @ 4/8 Ohms |
| FLX160-2-CV-D | 160W x 2 @ 70V/100V |
| FLX320-1-CV-D | 320W x 1 @ 70V/100V |

* Each FLX-D model has a 4 x 4 Dante I/O interface imbedded as well as a DSP.

Features:

- Onboard DSP for signal routing, filtering, and set programming
- USB and RS-232 available for configuration
- Remote Volume Control
- Phantom Power (2 channels)
- Dante™ audio network interface option
- 1/2 rack enclosure
- Made in the USA

Applications:

- Dante™ Network Audio
- Hospitality Installations
- Classrooms
- Conference Rooms
- Houses of Worship
- Room combining

FLX Series

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|---|-------------------|---|
| Output Power | FLX80-4 LZ ----- | ■ 80/40W x 4 @ 4/8 Ohms |
| | FLX80-4 CV ----- | ■ 80W x 4 @ 70.7V/100V |
| | FLX160-2 LZ ----- | ■ 160W x 2 @ 4 or 8 Ohms |
| | FLX160-2 CV ----- | ■ 160W x 2 @ 70.7V/100V |
| | FLX320-1 CV ----- | ■ 320W x 1 @ 70.7V/100V |
| Frequency Response (+0, -3dB) | ----- | ■ 20 Hz—20 kHz (4 Ohms), 100 Hz—20 kHz (70.7/100V) |
| THD+N | ----- | ■ <0.05% @ 6dB below clipping |
| Signal-to-Noise Ratio | ----- | ■ >95dB |
| Input Sensitivity | ----- | ■ 1V (0 dBV) |
| Input impedance (Balanced/Unbalanced/Phantom) | ----- | ■ 7.2k Ohms/3.6k Ohms/2.4k Ohms |
| Power Consumption - Idle, 1/8 Power | ----- | ■ 12W, 65W |
| Amplifier Class | ----- | ■ D |
| Remote Volume | ----- | ■ 0-10V |
| Channel to Channel Isolation | ----- | ■ >60dB FLX80-4 CV & LZ, >85dB FLX160-2 CV & LZ |
| Input Connectors | ----- | ■ 3.5mm Euroblock; 24V Phantom Power on 2 channels |
| Output Connectors | ----- | ■ 5mm Euroblock |
| LED Indicators | ----- | ■ Power |
| Controls | ----- | ■ USB & RS-232 |
| Network Audio Port (optional) | ----- | ■ Dante™ |
| Power Supply Input | ----- | ■ 100-240 VAC 50/60Hz (PFC Universal Input) |
| Construction | ----- | ■ Aluminum Chassis |
| Mounting | ----- | ■ Rack-mountable, single & dual |
| Cooling | ----- | ■ Convection—Cooling (No Fans) |
| Dimensions (height, width, depth) | ----- | ■ 1.7" (44mm) H x 8.3" (212mm) W x 11.25" (272mm) D |
| Weight | ----- | ■ 6.2lbs (2.8kg) max (varies by model) |
| Certifications/Warranty | ----- | ■ UL 60065/CE/3 years |

