

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

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

