

DDX All-Digital, High Efficiency Evaluation Amplifier

FEATURES
DDX-2000/2060 CHIP SET

- OPERATION 9 to 30 VDC
- 2x35 W into 8 Ω @ 1% THD
- 1x70 W into 4 Ω @ 1% THD

TYPICAL PERFORMANCE

- THD+N - 0.08% (1W, 1kHz)
- SNR - 93 dB (A-weighted)
- EFFICIENCY - 88%

DIGITAL INPUT

- S/PDIF COAX/OPTICAL
- I²S LOOP THROUGH

DIGITAL PREAMP FEATURES

- VOLUME
- BALANCE
- ANTICLIPPING
- AUTOMATIC MUTE

GENERAL DESCRIPTION

The EB-2060x is a complete evaluation amplifier circuit board that showcases Apogee's all-digital, high efficiency Direct Digital Amplification (DDX®) technology. The board features a DDX-2000 Controller and DDX-2060 Power Device which provide full digital audio preamplifier functions and power amplification. The board includes both coaxial and optical S/PDIF interfaces, digital volume and balance controls and local power regulation to operate from a signal supply voltage.

The EB-2060x is available in both a stereo 35W (EB-2060S) and a mono 70W version (EB-2060M).

ORDERING INFO

EB-2060S – DDX stereo amplifier evaluation board
 EB-2060M – DDX mono amplifier board

ORDER NOW 1-888-3APOGEE



