2 and 4 Channel Power Amplifiers

Features:
- Class A/B
- Full MOSFET DC-DC PWM Power Supply
- High level inputs with auto turn-on
- Low-level inputs (RCA)
- Variable high-pass crossover (50Hz - 500Hz, @12dB/octave)
- Variable low-pass crossover (50Hz - 500Hz, @12dB/octave)
- Variable bass boost @45Hz (0dB – 12dB)
- 2 ga. power and ground terminal block
- 4 ga. speaker wire terminal block

Specifications:
- Input Sensitivity: 250mV – 6V
- Frequency Response: 10Hz – 35kHz (-3dB)
- Speaker Impedance: 4Ω or 2Ω
- Signal to Noise: > 90dB
- THD (RMS): < 0.05 % @ 4Ω, 12V
- Damping factor: > 250

Available Models:

**AX260:**
- 56 Watts RMS x 2 channels @ 4 Ohms
- 90 Watts RMS x 2 channels @ 2 Ohms
- 190 Watts RMS x 1 channel @ 4 Ohms (bridged)
- 2” (52mm) H x 9.3” (236mm) W x 7.9” (200mm) D

**AX440:**
- 37 Watts RMS x 4 channels @ 4 Ohms
- 54 Watts RMS x 4 channels @ 2 Ohms
- 105 Watts RMS x 2 channels @ 4 Ohms (bridged)
- 2” (52mm) H x 9.3” (236mm) W x 9” (230mm) D

**AX460:**
- 56 Watts RMS x 4 channels @ 4 Ohms
- 90 Watts RMS x 4 channels @ 2 Ohms
- 190 Watts RMS x 2 channels @ 4 Ohms (bridged)
- 2” (52mm) H x 9.3” (236mm) W x 11.4” (290mm) D

**AX490:**
- 89 Watts RMS x 4 channels @ 4 Ohms
- 137 Watts RMS x 4 channels @ 2 Ohms
- 340 Watts RMS x 2 channels @ 4 Ohms (bridged)
- 2” (52mm) H x 9.3” (236mm) W x 13.8” (350mm) D
**Power Series**

**Mono Power Amplifiers**

**Features:**
- Class D
- Full MOSFET DC-DC PWM Power Supply
- Low-level inputs (RCA)
- Variable low-pass crossover (40Hz - 150Hz, @ 24dB/octave)
- Variable bass boost @45Hz (0dB – 18dB)
- Variable subsonic filter (20Hz – 50Hz @ 24dB/octave)
- Phase shift 0° or 180° (switchable)
- Remote bass control included
- 2 AWG power and ground terminal block
- 4 AWG speaker wire terminal block
- Master/Slave mode links two amplifiers together for double the output

**Specifications:**
- Input Sensitivity: 250mV - 6V
- Frequency Response: 20Hz - 150Hz (0, -3dB)
- Speaker Impedance: 4Ω, 2Ω or 1Ω
- Signal to Noise: > 80dB
- THD (RMS): < 0.5 % @ 4Ω, 12V
- Damping factor: > 100

**Available Models:**

**AX3000M:**
- 750 Watts RMS x 1 channel @ 2 Ohms
- 1000 Watts RMS x 1 channel @ 1 Ohm
- 2” (52mm) H x 9.3” (236mm) W x 11.8” (300mm) D

**AX4000M:**
- 1000 Watts RMS x 1 channel @ 2 Ohms
- 1500 Watts RMS x 1 channel @ 1 Ohm
- 2” (52mm) H x 9.3” (236mm) W x 14.5” (370mm) D

**AX5000M:**
- 1200 Watts RMS x 1 channel @ 2 Ohms
- 2000 Watts RMS x 1 channel @ 1 Ohm
- 2” (52mm) H x 9.3” (236mm) W x 17.3” (440mm) D
Digital Mini Series

4 Channel Digital Power Amplifiers

Features:
Class D, Digital
Full MOSFET DC-DC PWM Power Supply
SMD Technology
High-level inputs with auto turn-on
Low-level inputs (RCA)
Variable high-pass crossover (35Hz - 250Hz, @12dB/octave)
Variable low-pass crossover (35Hz - 250Hz, @12dB/octave)
Variable bass boost @45Hz (0dB – 12dB)
4 ga. power and ground terminal block
4 ga. speaker wire terminal block

Specifications:
Input Sensitivity: 250mV - 6V
Frequency Response: 10Hz - 35kHz (-3dB)
Speaker Impedance: 4Ω or 2Ω
Signal to Noise: > 90dB
THD (RMS): < 0.05 % @ 4Ω, 12V
Damping factor: > 150

Available Models:

AX460D:
56 Watts RMS x 4 channels @ 4 Ohms
79 Watts RMS x 4 channels @ 2 Ohms
154 Watts RMS x 2 channels @ 4 Ohms (bridged)
1.6” (40mm) H x 4.7” (120mm) W x 7.9” (200mm) D

AX490D:
97 Watts RMS x 4 channels @ 4 Ohms
132 Watts RMS x 4 channels @ 2 Ohms
275 Watts RMS x 2 channels @ 4 Ohms (bridged)
1.6” (40mm) H x 4.7” (120mm) W x 9” (230mm) D
Digital Mini Series

5 Channel Digital Power Amplifier

**Specifications:**
- Input Sensitivity: 500mV - 12V
- Frequency Response: 10Hz - 35kHz (-3dB)
- Speaker Impedance: 4Ω or 2Ω
- Signal to Noise: > 90dB
- THD (RMS): < 0.05 @ 4Ω, 12V
- Damping factor: > 150

**AX550D:**
- 56 Watts RMS x 4 channels @ 4 Ohms
- 79 Watts RMS x 4 channels @ 2 Ohms
- 154 Watts RMS x 2 channels @ 4 Ohms (bridged)
- 400 Watts RMS x 1 channel @ 2 Ohms
- 1.6” (40mm) H x 4.7” (120mm) W x 10.2” (260mm) D

**Features:**
- Class D Digital
- Full MOSFET DC-DC PWM Power Supply
- SMD Technology
- High-level inputs with auto turn-on
- Low-level inputs (RCA)
- High and low auto input sensitivity adjustment
- Variable high-pass crossover (35Hz - 250Hz, @12dB/octave)
- Variable low-pass crossover (35Hz - 250Hz, @12dB/octave)
- Variable subsonic filter (20Hz - 50Hz, @12dB/octave)
- Variable bass boost @45Hz (0dB – 12dB)
- Remote bass control included
- 4 ga. power and ground terminal block
- 4 ga. speaker wire terminal block
**Digital Mini Series**

**Digital Mono Power Amplifiers**

**Features:**
- Class D Digital
- Full MOSFET DC-DC PWM Power Supply
- High-level inputs with auto turn-on
- Low-level inputs (RCA)
- Variable low-pass crossover (35Hz - 250Hz, @12dB/octave)
- Variable bass boost @45Hz (0dB – 12dB)
- Variable subsonic filter (20Hz – 50Hz @ 12db/octave)
- Remote bass control included
- 4 ga. power and ground terminal block
- 4 ga. speaker wire terminal block

**Available Models:**

**AX250DM:**
- 252 Watts RMS x 1 channel @ 2 Ohms
- 473 Watts RMS x 1 channel @ 1 Ohm
- 1.6” (40mm) H x 4.7” (120mm) W x 7.9” (200mm) D

**AX350DM:**
- 368 Watts RMS x 1 channel @ 2 Ohms
- 662 Watts RMS x 1 channel @ 1 Ohm
- 1.6” (40mm) H x 4.7” (120mm) W x 9” (230mm) D

**Specifications:**
- Input Sensitivity: 250mV – 6V
- Frequency Response: 20Hz - 250Hz (0, -3dB/octave)
- Speaker Impedance: 4Ω, 2Ω
- Signal to Noise: > 80dB
- THD (RMS): < 0.5 % @ 4Ω, 12V
- Damping factor: > 200
Digital Ultra Slim Series

4 Channel and Mono Digital Power Amplifiers

4 Channel Digital Power Amplifier
AX47S:
74 Watts RMS x 4 channels @ 4 Ohms
126 Watts RMS x 4 channels @ 2 Ohms
1.5” (38mm) H x 3” (78mm) W x 5.9” (150mm) D

Features:
Class D Digital
Full MOSFET DC-DC PWM Power Supply
SMD Technology
High-level inputs with auto turn-on
Low-level inputs (RCA)
High and low auto input sensitivity adjustment
Variable high-pass crossover (35Hz - 250Hz, @12dB/octave)
Variable low-pass crossover (35Hz - 250Hz, @12dB/octave)

Specifications:
Input Sensitivity: 500mV - 12V
Frequency Response: 10Hz - 35kHz (-3dB)
Speaker Impedance: 4Ω or 2Ω
Signal to Noise: > 90dB
THD (RMS): < 0.05 % @ 4Ω, 12V
Damping factor: > 150

Mono Digital Power Amplifier
AX70SM:
140 Watts RMS x 1 channel @ 4 Ohms
250 Watts RMS x 1 channel @ 2 Ohms
1.5” (38mm) H x 3” (78mm) W x 5.9” (150mm) D

Features:
Class D Digital
Full MOSFET DC-DC PWM Power Supply
SMD Technology
High-level inputs with auto turn-on
Low-level inputs (RCA)
High and low auto input sensitivity adjustment
Variable low-pass crossover (35Hz - 250Hz, @12dB/octave)
Variable bass boost @45Hz (0dB – 12dB)
Variable subsonic filter (20Hz – 50Hz @ 12dB/octave)

Specifications:
Input Sensitivity: 500mV - 12V
Frequency Response: 20Hz - 250Hz (0, -3dB)
Speaker Impedance: 4Ω, 2Ω
Signal to Noise: > 80dB
THD (RMS): < 0.5 % @ 4Ω, 12V
Damping factor: > 200