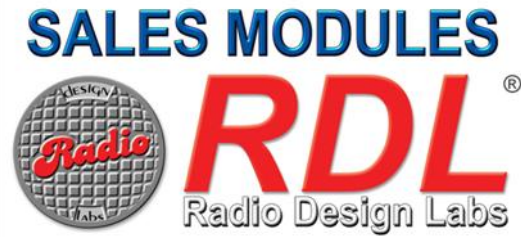


HD SERIES

MEETS ENERGY STAR STANDARDS



Common Features – All Models

- Audio Power Amplifiers and Mixer Amplifiers
- All are 35 Watt in either 8 Ω or 25/70/100V (A models)
- VCA built in for remote volume control
- All have compressor/limiter for higher sound output
- Base and treble tone control
- Includes power supply

Common Features – Ultra Models

- Sleep Delay / Standby Timer
 - Timer activates with absence of any audio signal
 - Select in 10 minute increments up to 2 hours or off
 - Restores < 2 seconds when audio is detected

Energy Comparison

- Maximum power draw is 55 W versus industry standard of 90 W
- 1/3 Average power is 21 W versus industry standard of 55 W
- Idle mode is 4 W versus industry standard of 11 W
- Ultra models standby mode is .85 W versus NONE
- Cool operation – no ventilation or special cooling required

HD CALCULATOR

Available on www.rdlnet.com Product Page

ENERGY EFFICIENCY CALCULATOR

Methodology

Enter Parameters

Hours Per Day the Amplifier will be in Use:	24
kWH Demand Rate (including taxes/fees):	\$0.18
How many amplifiers will be installed?	1

Cost Savings	Per Amplifier	For QTY Installed
Annual Cost of Operation of a Standard Amplifier:	\$86.87	\$86.87
Annual Cost of Operation of HD-MA35A:	\$33.38	\$33.38
Annual Savings:	\$53.49	\$53.49
5 Year Savings:	\$267.43	\$267.43
10 Year Savings:	\$534.85	\$534.85
Reduction in Energy Usage:	62%	62%

Environmental Benefits

Annual CO2 Emissions Reduction (lbs.):	404	404
5 Year CO2 Emissions Reduction (lbs.):	2022	2022
10 Year CO2 Emissions Reduction (lbs.):	4043	4043

POWER AMPLIFIERS

Efficient and Ultra Efficient Single Channel Amplifiers



HD-PA35U / HD-PA35UA

- Non “A” model is 4 Ω or 8 Ω output
- “A” model is 25/70/100V output
- Sleep Delay / Standby Timer
- Unbalanced summed stereo line input
- Signal Presence LED Indicator



HD-PA35 / HD-PA35A

- Non “A” model is 4 Ω or 8 Ω output
- “A” model is 25/70/100V output
- Unbalanced summed stereo line input
- Alternate balanced mono input
- Signal Presence LED Indicator



Many optional remote level controls are available

EFFICIENT MIXER AMPLIFIERS

3 Channel Energy Efficient Models



HD-MA35 / HD-MA35A

- Input 1 is mic or line level
- Inputs 2 and 3 are summed stereo
- Input 1 is primary paging input
- Selectable ducking on channels 2 and 3
- Selectable 24V phantom power for mic
- Master volume control with optional remote
- Dual mono Zone 1 line level output

Separate Zone 2 output

- Independent 3 channel mixer
- 2 Watt 8 Ω amplified output
- 600 Ω transformer-isolated output



Many optional remote volume controls are available

ULTRA MIXER AMPLIFIERS

Ultra Efficient 4 Channel Models with Sleep Delay Timers



HD-MA35U / HD-MA35UA

- Inputs 1 and 2 are mic or line level
- Inputs 3 and 4 are summed stereo
- Input 1 is primary paging input
- Selectable ducking on channels 2,3 and 4
- Selectable 24V phantom power to each mic
- Master volume control with optional remote
- Dual mono Zone 1 line level output

Separate Zone 2 output

- Independent 4 channel mixer
- 4 Watt 8 Ω amplified output
- 600 Ω transformer-isolated output
- Balanced line level output



Many optional remote volume controls are available

REMOTE MIXER AMPLIFIERS

Ultra Efficient 4 Channel Models with Sleep Delay Timers



HD-RA35U / HD-RA35UA

- Channel 1 volume control on front panel
- Channels 2,3,4 remotely controlled - only
- Inputs 1 and 2 are mic or line level
- Inputs 3 and 4 are summed stereo
- Input 1 is primary paging input
- Selectable ducking on channels 2,3 and 4
- Selectable 24V phantom power to each mic
- Dual mono Zone 1 line level output

Separate Zone 2 output

- Independent 4 channel mixer
- 4 Watt 8 Ω amplified output
- 600 Ω transformer-isolated output
- Balanced line level output



Multi-channel optional remote volume controls are available