

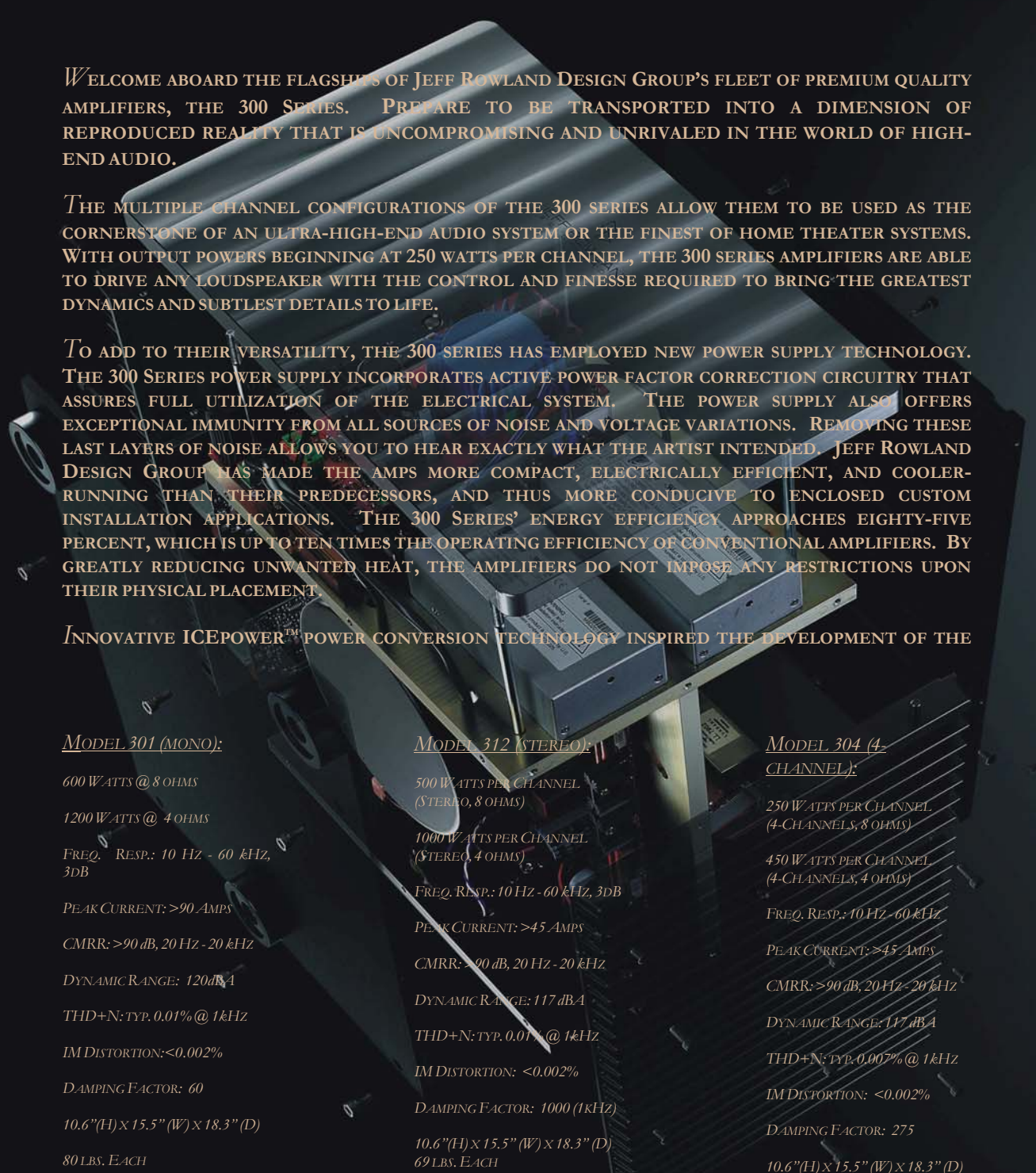
300 SERIES POWER AMPLIFIERS



FUJIFILM RDP III



JEFF ROWLAND
DESIGN GROUP



WELCOME ABOARD THE FLAGSHIPS OF JEFF ROWLAND DESIGN GROUP'S FLEET OF PREMIUM QUALITY AMPLIFIERS, THE 300 SERIES. PREPARE TO BE TRANSPORTED INTO A DIMENSION OF REPRODUCED REALITY THAT IS UNCOMPROMISING AND UNRIVALED IN THE WORLD OF HIGH-END AUDIO.

THE MULTIPLE CHANNEL CONFIGURATIONS OF THE 300 SERIES ALLOW THEM TO BE USED AS THE CORNERSTONE OF AN ULTRA-HIGH-END AUDIO SYSTEM OR THE FINEST OF HOME THEATER SYSTEMS. WITH OUTPUT POWERS BEGINNING AT 250 WATTS PER CHANNEL, THE 300 SERIES AMPLIFIERS ARE ABLE TO DRIVE ANY LOUDSPEAKER WITH THE CONTROL AND FINESSE REQUIRED TO BRING THE GREATEST DYNAMICS AND SUBTLEST DETAILS TO LIFE.

TO ADD TO THEIR VERSATILITY, THE 300 SERIES HAS EMPLOYED NEW POWER SUPPLY TECHNOLOGY. THE 300 SERIES POWER SUPPLY INCORPORATES ACTIVE POWER FACTOR CORRECTION CIRCUITRY THAT ASSURES FULL UTILIZATION OF THE ELECTRICAL SYSTEM. THE POWER SUPPLY ALSO OFFERS EXCEPTIONAL IMMUNITY FROM ALL SOURCES OF NOISE AND VOLTAGE VARIATIONS. REMOVING THESE LAST LAYERS OF NOISE ALLOWS YOU TO HEAR EXACTLY WHAT THE ARTIST INTENDED. JEFF ROWLAND DESIGN GROUP HAS MADE THE AMPS MORE COMPACT, ELECTRICALLY EFFICIENT, AND COOLER-RUNNING THAN THEIR PREDECESSORS, AND THUS MORE CONDUCTIVE TO ENCLOSED CUSTOM INSTALLATION APPLICATIONS. THE 300 SERIES' ENERGY EFFICIENCY APPROACHES EIGHTY-FIVE PERCENT, WHICH IS UP TO TEN TIMES THE OPERATING EFFICIENCY OF CONVENTIONAL AMPLIFIERS. BY GREATLY REDUCING UNWANTED HEAT, THE AMPLIFIERS DO NOT IMPOSE ANY RESTRICTIONS UPON THEIR PHYSICAL PLACEMENT.

INNOVATIVE ICEPOWER™ POWER CONVERSION TECHNOLOGY INSPIRED THE DEVELOPMENT OF THE

MODEL 301 (MONO):

600 WATTS @ 8 OHMS

1200 WATTS @ 4 OHMS

FREQ. RESP.: 10 Hz - 60 kHz,
3dB

PEAK CURRENT: >90 AMPS

CMRR: >90 dB, 20 Hz - 20 kHz

DYNAMIC RANGE: 120dB

THD+N: TYP. 0.01% @ 1kHz

IM DISTORTION: <0.002%

DAMPING FACTOR: 60

10.6"(H) X 15.5"(W) X 18.3"(D)

80 LBS. EACH

MODEL 312 (STEREO):

500 WATTS PER CHANNEL
(STEREO, 8 OHMS)

1000 WATTS PER CHANNEL
(STEREO, 4 OHMS)

FREQ. RESP.: 10 Hz - 60 kHz, 3dB

PEAK CURRENT: >45 AMPS

CMRR: >90 dB, 20 Hz - 20 kHz

DYNAMIC RANGE: 117 dB

THD+N: TYP. 0.01% @ 1kHz

IM DISTORTION: <0.002%

DAMPING FACTOR: 1000 (1kHz)

10.6"(H) X 15.5"(W) X 18.3"(D)

69 LBS. EACH

MODEL 304 (4-
CHANNEL):

250 WATTS PER CHANNEL
(4-CHANNELS, 8 OHMS)

450 WATTS PER CHANNEL
(4-CHANNELS, 4 OHMS)

FREQ. RESP.: 10 Hz - 60 kHz

PEAK CURRENT: >45 AMPS

CMRR: >90 dB, 20 Hz - 20 kHz

DYNAMIC RANGE: 117 dB

THD+N: TYP. 0.007% @ 1kHz

IM DISTORTION: <0.002%

DAMPING FACTOR: 275

10.6"(H) X 15.5"(W) X 18.3"(D)

All specifications subject to change due to improvements in technology and manufacturing.