

# R-SERIES



## RADIION 90.4

4-Channel High Power Class-AB amplifier with SMD technology  
 MOS-FET PWM Power Supply  
 Stable into 2 ohm stereo per channel and 4 ohm bridged mode  
 Input Sensitivity: variable 200 mV maximum to 8 V minimum  
 Multi-Way-Protection-Circuitry  
 Operating Voltage: DC 10 ~ 16 V power input  
 Massiv heavy aluminium-heatsink with fan cooling



## RADIION 180.2

2-Channel High Power Class-AB amplifier with SMD technology  
 MOS-FET PWM Power Supply  
 Stable into 2 ohm stereo per channel and 4 ohm bridged mode  
 Input Sensitivity: variable 200 mV maximum to 8 V minimum  
 Multi-Way-Protection-Circuitry  
 Massiv heavy aluminium-heatsink with fan cooling  
 Wired Remote Controller **RTC** (optional)

# X-SERIES

**Autohifi TESTURTEIL**  
 Absolute Spitzenklasse **174**  
 Preis/Leistung ★★★★★



## X--ION 160.4

4-Channel High Power Class-AB amplifier with SMD technology  
**FULL MOS-FET** amplifier  
 Stable into 1 ohm stereo per channel and 2 ohm bridged mode  
 Input Sensitivity: variable 200 mV maximum to 8 V minimum  
 Multi-Way-Protection-Circuitry  
 Operating Voltage: DC 10 ~ 16 V power input  
 Massiv heavy aluminium-heatsink with fan cooling



## X--ION 280.2

2-Channel High Power Class-AB amplifier with SMD technology  
**FULL MOS-FET** amplifier  
 Stable into 1 ohm stereo per channel and 2 ohm bridged mode  
 Input Sensitivity: variable 200 mV maximum to 8 V minimum  
 Multi-Way-Protection-Circuitry  
 Operating Voltage: DC 10 ~ 16 V power input  
 Massiv heavy aluminium-heatsink with fan cooling  
 Wired Remote Controller **RTC** (optional)

**1. WORLD RECORD 2009**  
 dB-Cup - Classe Suprapro 2+  
 with  
 2x RADIION 180.2  
 1x X--ION 280.2  
 [... 165.2 dB ...]

### RADIION 90.4

### RADIION 180.2

### X--ION 160.4

### X--ION 280.2

4x 90 W

2x 180 W

4x 160 W

2x 280 W

4x 130 W

2x 270 W

4x 240 W

2x 480 W

2x 260 W

1x 540 W

2x 480 W

1x 960 W

2x 605 W

1x 1480 W

45 Hz

35 ~ 90 Hz

45 Hz

35 ~ 90 Hz

10 Hz ~ 60 KHz (+/- 1 dB)

10 Hz ~ 60 KHz (+/- 1 dB)

10 Hz ~ 105 KHz (+/- 1 dB)

10 Hz ~ 110 KHz (+/- 1 dB)

< 0,041%

< 0,07%

< 0,01%

< 0,02%

75 dB

75 dB

75 dB

75 dB

353(l) x 58(h) x 180(b) mm

353(l) x 58(h) x 180(b) mm

564(l) x 58(h) x 180(b) mm

563(l) x 58(h) x 180(b) mm