



Fixed Installations
Touring
Cinema & Live Theaters
Signal Processing



New Horizons:

A lightweight with enormous power output. Combined with digital signal processing. That's what we call flexibility! Locally controlled or completely networked. No matter what the requirements are.

The integrated powerful digital signal processor (DSP) and controller allows for a troublefree and easy adjustment to any acoustical environment.

With wear-free digital potentiometers, sequential remote power on, alive contacts for easy supervision, computer controlled monitoring.

XR - the new definition of Intelligent Power.

Easy Connection



The NA-1 USB to RS-485 converter allows control and monitoring of Bittner XR

amplifiers with Bittner's DSP Software by a PC. No additional driver is needed. Galvanic isolation between the amplifiers and the PC provides potential-free signal transduction.

- High Tech SMT Design
- Digital Signal Processor
- Excellent sound and superior impulse response
- Protection Circuits: DC, LF, HF,
 Thermal, Short Circuit, Current
 Limiter, 3 ms Muting Delay
- PHOENIX/Speakon
- High-End Switched Power Supply with Power Factor Correction
- LED Indicators for SIGNAL, CLIP, PROTECT, POWER
- Temperature controlled, variable speed low noise fans
- Digital wear-free Volume Controls (can be operated manually)
- Stereo/Bridged/Parallel Mode
- Softstart
- Sequential Remote Power On
- Alive Contact
- Paging Input
- Monitor Output
- SXL Dataport
- Perfect Weight-to-Power ratio
- 3 Years Warranty

XR Series







Connectors and Controls of the rear panel

| Audio Inputs | XLR with 1/4" mono jack (Neutrik Combo) Contact 8 to 12 of a 12-pin PHOENIX connector |
|----------------------------|---|
| Loudspeaker Outputs | SPEAKON and high current 4-pin PHOENIX connector |
| Alive Contacts | Contact 1 to 3 of a 12-pin PHOENIX connector. Function can be used as open or closed contact. |
| Volume Controls | 2 digital potentiometers with 16 steps each: -90, -78, -66, -54, -42, -30, -24, -18, -15, -12, -9, -6, -3, -2, -1, 0 dB |
| Remote Power On | Contact 4 to 7 of a 12-pin PHOENIX connector. +12V switches the amp on, -12V switches it off. The incoming voltage is forwarded to the next amp after a delay to create a daisy chain. |
| DIP Switch with 8 switches | Switch 1 to 3: Sets the address of amp if connected to an SXL. Switch 1 to 6: Sets the address of amp if connected to RS485. Switch 7 to 8 set the mode of amplifier channels: STEREO, PARALLEL or BRIDGED |
| SXL Dataport | 15-pin Sub-D Connector |
| DSP Dataport | RS-485, 2 RJ-45 jacks (8-pin) paralleled 2 LEDs Rx and Tx |
| Power | Power switch, 230 V cord, fuse |

DECLARATION OF CONFORMITY

We declare that this product is in accordance with EMC regulation 89/336/EEC and meets the requirements of the product norm EN-55013 (emission), and EN-55020 (immission).

Datatable

BITTNER

| | | | Basic | | | | ХВ | | | | | X | 4Xi / 4Xe | | | |
|---|-------|------------|---------------------|--|---|----------------------|---------------------|--|---|--------------------------|--|--|--|----------------------------|---|---|
| | | | 200 | 400 | 800 | 1200 | 400 | 800 | 1600 | 2500 | 1500 | 2000 | 2500 | 4000 | 1200 | 2000 |
| Channels | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 |
| Class | | | AB | AB | AB | AB | AB | AB | Н | Н | Н | Н | Н | Н | Н | Н |
| Sido | | 8 Ω | 100 | 180 | 290 | 500 | 230 | 350 | 570 | 700 | 530 | 590 | 700 | 850 | 630 | 820 |
| Burst per Channel | W | 4 Ω | 130 | 250 | 490 | 840 | 360 | 530 | 960 | 1130 | 880 | 985 | 1130 | | _ | |
| 1 kHz | ٧٧ | 2 Ω | | | 470 | | | | 1250 | 1570 | 1220 | 1340 | | 1950 | | |
| O to the control of the control | | | _ | | | | _ | | | _ | | | | | | |
| Output Power per Chan. | ļ ,,, | 8Ω | 80 | 125 | 230 | 380 | 170 | 270 | 460 | 570 | 420 | 460 | 570 | 720 | 540 | 700 |
| 20 Hz - 20 kHz | W | 4 Ω | 105 | 170 | 330 | 610 | 270 | 410 | 760 | 930 | 680 | 730 | 920 | 1130 | 890 | 1160 |
| 0.1% THD | | 2 Ω | | | | | | | 1020 | 1200 | 940 | 1030 | 1170 | 1700 | 1150 | 1650 |
| Output Dawer per Chan | . W | 8 Ω | 85 | 130 | 240 | 400 | 180 | 290 | 490 | 620 | 440 | 490 | 610 | 780 | 600 | 770 |
| Output Power per Chan. | | 4 Ω | 115 | 180 | 350 | 650 | 290 | 430 | 820 | 1020 | 740 | 790 | 1000 | 1230 | 980 | 1280 |
| 1 kHz / 1% THD | | 2 Ω | | | | | | | 1120 | 1310 | 1020 | 1130 | 1290 | 1810 | 1260 | 1820 |
| Output Power bridged | | 16 Ω | 160 | 250 | 460 | 760 | 340 | 540 | 890 | 1120 | 840 | 920 | 1040 | 1440 | _ | |
| 20 Hz - 20 kHz | w | 8 Ω | 210 | 340 | 660 | 1220 | 540 | 800 | | 1850 | 1360 | 1460 | | 2220 | _ | _ |
| | VV | | | | | | | | | | | | - | | - | |
| 0.1% THD | | 4 Ω | | | | | | | | 2400 | | | | 3300 | | |
| Frequency Response | dB | 20 Hz | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Full Power | | 20 kHz | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.5 | -0.5 | -0.5 | -0.5 | -0.5 | -0.5 |
| THD 20 Hz - 20 kHz 10 dB below Full Power | % | < | 0.06 | 0.05 | 0.06 | 0.02 | 0.03 | 0.03 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 |
| THD 1 kHz Full Power | % | | 0.00 | 0.04 | 0.00 | 0.05 | 0.05 | 0.05 | n nz | 0.03 | 0.07 | 0.03 | n nz | 0.04 | 0.07 | 0.07 |
| | _ | < | 0.08 | 0.06 | 0.08 | | | | 0.03 | | 0.03 | | 0.03 | 0.04 | 0.03 | 0.03 |
| Signal-to-Noise Ratio | dB | > | 102 | 103 | 103 | 103 | 103 | 105 | 103 | 103 | 103 | 103 | 103 | 103 | 100 | 100 |
| Channel Separation | dB | > | 85 | 85 | 85 | 85 | 85 | 85 | 80 | 80 | 80 | 80 | 80 | 80 | 75 | 75 |
| Input Sensitivity | dBu | | -1 | 0 | +3 | +6 | +2 | +3 | +6 | +6 | +6 | +6 | +6 | +6 | +4 | +4 |
| Input Clipping | dBu | | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 14 | 14 | 14 | 14 | 20 | 20 |
| Input Impedance | kΩ | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 | 12 | 12 | 20 | 20 |
| Voltage Gain | dB | | 28.8 | 31.4 | 34.1 | 36.4 | 32.4 | 34.2 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 34 | 34 |
| Damping Factor | | 4 Ω | 400 | 400 | 400 | 500 | 500 | 500 | 750 | 900 | 750 | 900 | 900 | 1200 | 700 | 700 |
| Cooling Fans | | front | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 |
| _ | | | | | | | | | | | | | | | _ | _ |
| (temperature | | back | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Idle Current | Α | | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.7 |
| Power Consumption | | 8 Ω | 0.7 | 1.1 | 1.8 | 2.8 | 1.4 | 2.0 | 2.5 | 3.0 | 2.1 | 2.5 | 3.0 | 3.3 | 5.5 | 6.0 |
| • | Α | 4 Ω | 1.0 | 1.6 | 2.8 | 4.5 | 1.9 | 3.2 | 4.0 | 4.7 | 3.3 | 4.0 | 4.8 | 5.2 | 8.5 | 9.0 |
| 1/8 Load (Speech) | | 2 Ω | | | | | | | 6.0 | 6.7 | 5.1 | 6.1 | 7.0 | 7.8 | 11.0 | 12.0 |
| Power Consumption | | 8 Ω | 1.0 | 1.6 | 2.7 | 4.2 | 2.0 | 2.9 | 4.9 | 6.0 | 4.5 | 4.9 | 5.9 | 7.7 | 11.0 | 14.0 |
| 1/3 Load | Α | 4 Ω | 1.5 | 2.4 | 4.1 | 7.0 | 2.8 | 4.7 | 7.9 | 9.1 | 7.3 | 7.9 | 9.3 | 12.3 | 17.5 | 23.0 |
| (compressed Music) | ' ' | 2 Ω | | | | | | | 10.5 | 12.6 | 10.1 | 10.7 | 11.2 | 16.7 | 21.5 | 26.5 |
| (compressed inteste) | | 8Ω | 1.6 | 2.5 | 4.2 | 6.8 | 3.2 | 5.0 | 9.0 | 10.7 | 8.2 | 8.8 | 10.7 | 13.5 | 19.0 | 23.0 |
| Power Consumption | _ | | | | | | | | | | | | | | | |
| Full Power | A | 4 Ω | 2.4 | 3.7 | 5.6 | 11 | 5.1 | 7.7 | 15.1 | 17.4 | 13.7 | 14.6 | 17.5 | 22.2 | >30 | >30 |
| | | 2 Ω | | | | | | | 23.0 | 27.2 | 21.3 | 23.0 | 27.6 | >30 | >30 | >30 |
| Heat Dissipation (Idle) | W* | | 12 | 17 | 22 | 22 | 15 | 20 | 40 | 40 | 55 | 55 | 55 | 55 | 80 | 80 |
| Heat Dissipation | | 8 Ω | 145 | 225 | 360 | 555 | 285 | 395 | 465 | 555 | 385 | 465 | 555 | 585 | 995 | 1035 |
| Heat Dissipation 1/8 Load (Speech) | W* | 4 Ω | 205 | 330 | 565 | 890 | 375 | 640 | 740 | 870 | 595 | 745 | 880 | 920 | 1515 | 1495 |
| | | 2 Ω | | | | | | | | 1250 | | | | 1390 | 1965 | |
| Heat Dissipation | | 8 Ω | | 290 | 480 | 730 | 355 | 495 | 835 | 1020 | | 835 | 995 | | 1810 | |
| 1/3 Load | W* | 4 Ω | | 445 | 735 | 1220 | | | | | | | | | 2850 | |
| | VV | | | | | | | | | | | | | | | |
| | | 2 Ω | | 7.40 | | | | | | | | | | | 3435 | |
| (compressed Music) | | | | | 535 | 1 X45 | 415 | 630 | 117911 | 1.580 | 111195 | 11145 | 11.565 | 1700 | 2210 | 12520 |
| | | 8 Ω | | 340 | | 845 | | | | | | | | | | |
| Heat Dissipation | W* | 4 Ω | | 530 | 660 | 1360 | | | 2000 | 2290 | 1820 | 1940 | 2225 | | | |
| | W* | | | | | | | | 2000 | | 1820 | 1940 | 2225 | | | |
| Heat Dissipation | W* | 4 Ω | 345 | 530 | 660 | 1360 | 650 | 1000 | 2000 | 2290 | 1820 | 1940 3260 | 2225 | 2890 | | |
| Heat Dissipation Full Power | W* | 4 Ω | 345 | 530 n | 660 | 1360 | 650 | 1000 n | 2000 3275 | 2290 | 1820 3065 | 1940 3260 ye | 2225 4030 | 2890 | n | |
| Heat Dissipation Full Power DSP SXL Dataport | W* | 4 Ω | 345 | 530 n | 660 o | 1360 | 650 | 1000 n | 2000 3275 o o | 2290 | 1820 3065 | 1940 3260 ye C and | 2225 4030 es RS48 | 2890 | n RS- | 10 485 |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On | W* | 4 Ω | 345 | 530 n n | 660 o o | 1360 | 650 | 1000 n n | 2000 3275 o o o | 2290 | 1820 3065 | 1940 3260 ye C and | 2225 4030 es d RS48 es | 2890 | n RS- | 485 es |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On Alive Contact | W* | 4 Ω 2 Ω | 345 | 530 n n | 660 o o o | 1360 | 650 | 1000 n ye ye | 2000 3275 o o es | 2290 | 1820 3065 | 1940 3260 ye C and ye | 2225 4030 es d RS48 es | 2890 | n RS- | 10 485 es |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On Alive Contact Backup Power | | 4 Ω | 345 | 530 n n n | 660 0 0 0 | 1360 | 650 | 1000 n ye ye | 2000 3275 0 0 es es | 2290 3900 | 1820 3065 | 1940 3260 ye C and ye ye | 2225 4030 es d RS48 es es | 2890 | n RS- ye | 485 es |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On Alive Contact Backup Power Height | RU | 4 Ω 2 Ω | 345 | 530 n n n | 660 0 0 0 0 | 1360 | 650 | 1000 n ye ye n | 2000 3275 0 0 es es o 2 | 2290 | 1820 3065 I ² | 1940 3260 ye C and ye ye n | 2225 4030 es d RS48 es es | 2890 | n RS- ye ye n | 485 es es |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On Alive Contact Backup Power Height Depth | RU | 4 Ω 2 Ω | 345 2 320 | 530 n n n n n 2 320 | 660 0 0 0 0 0 0 2 320 | 1360 2 454 | 650 2 382 | 1000 n ye ye n 2 382 | 2000 3275 0 0 es es o 2 454 | 2290 3900 2 454 | 1820 3065 I ² 2 454 | 1940 3260 ye C and ye ye n 2 454 | 2225 4030 es d RS48 es es o 2 454 | 2890 55 2 454 | n RS- ye ye n 2 | 00 485 es es 00 2 454 |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On Alive Contact Backup Power Height | RU | 4 Ω 2 Ω | 345 | 530 n n n n n 2 320 | 660 0 0 0 0 0 0 2 320 13 | 1360 | 650 | 1000 n ye ye n 2 382 13 | 2000 3275 0 0 es es 0 2 454 13 | 2290 | 1820 3065 I ² | 1940 3260 ye C and ye n 2 454 14 | 2225 4030 es di RS48 es es o 2 454 14 | 2890 | n RS- ye ye n | 485 es es |
| Heat Dissipation Full Power DSP SXL Dataport Remote Power On Alive Contact Backup Power Height Depth | RU | 4 Ω 2 Ω | 345 2 320 | 530 n n n n n 2 320 | 660 0 0 0 0 0 0 2 320 | 1360 2 454 | 650 2 382 | 1000 n ye ye n 2 382 13 | 2000 3275 0 0 es es o 2 454 | 2290 3900 2 454 | 1820 3065 I ² 2 454 | 1940 3260 ye C and ye n 2 454 14 | 2225 4030 es d RS48 es es o 2 454 | 2890 55 2 454 | n RS- ye ye n 2 454 | 00 485 es es 00 2 454 |

* 1 Watt = 3.412 BTU/Std. = 3600 Joule/Std.

Datatable



| | | | 4X D | NI I A I | QV | | | XV | | | | | V\/ | DC | 40 | XV |
|----------------------------|-----|---------|----------------|----------|------|------------|------|------|------|--------|------|-------------------|------|------|------|------|
| | | | | | 8X | | 200 | 400 | | 1000 | 1/00 | XV DC 500 1000 | | | | |
| Channala | | | 400 | 600 | 100 | 200 | 400 | 200 | 400 | 600 | 1000 | 1600 | | 1000 | 250 | 500 |
| Channels | | | 4 | 4 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 |
| Class | | 0.0 | AB | AB | AB | AB | AB | AB | AB | AB | AB | AB | Н | Н | D | D |
| Burst per Channel | W | 8 Ω | 290 | 380 | 100 | 180 | 270 | | | | | | | | | |
| 1 kHz | | 4 Ω | 450 | 630 | 130 | 250 | 490 | | | | | | | | | |
| Output Power per Chan. | | 8 Ω | 230 | 290 | 80 | 120 | 190 | | | | | | | | | |
| 20 Hz - 20 kHz | W | 4 Ω | 310 | 370 | 100 | 180 | 330 | | | | | | | | | |
| 0.1% THD | | 100 V | | | | | | 100 | 200 | 300 | 500 | 800 | 250 | 500 | 250 | 500 |
| Output Power per Chan. | W | Ω 8 | 240 | 310 | 90 | 130 | 200 | | | | | | | | | |
| 1 kHz / 1% THD | | 4 Ω | 320 | 420 | 110 | 200 | 350 | | | | | | | | | |
| Output Power bridged | w | 16 Ω | 460 | 600 | 160 | 260 | 360 | | | | | | | | | |
| 20 Hz - 20 kHz / 0.1% THD | | Ω 8 | 620 | 820 | 200 | 320 | 460 | | | | | | | | | |
| Frequency Response | dB | 20 Hz | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Full Power | | 20 kHz | -0.2 | -0.2 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 |
| THD 20 Hz - 20 kHz | % | < | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.05 | 0.03 | 0.04 | 0.04 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 |
| 10 dB below Full Power | /0 | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |
| THD 1 kHz Full Power | % | < | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.07 | 0.06 | 0.06 | 0.06 | 0.07 | 0.03 | 0.03 | 0.03 | 0.03 |
| Signal-to-Noise Ratio | dB | > | 103 | 103 | 101 | 103 | 103 | 101 | 103 | 103 | 105 | 107 | 101 | 101 | 100 | 100 |
| Channel Separation | dB | > | 80 | 80 | 85 | 85 | 85 | 75 | 75 | 75 | 70 | 70 | 65 | 65 | 96 | 92 |
| Input Sensitivity | dBu | | +6 | +6 | -1 | 0 | +2 | -1 | 0 | +2 | +3 | +6 | +6 | +6 | 0 | 0 |
| Input Clipping | dBu | | 21 | 21 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 |
| Input Impedance | kΩ | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 |
| Voltage Gain | dB | | 31.4 | 32.4 | 28.8 | 31.4 | 34.1 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42 | 42 | 42.2 | 42.2 |
| Damping Factor | | 4 Ω | 800 | 800 | 400 | 400 | 400 | | | | | | | | | |
| Cooling Fans | | front | 2 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 |
| (temperature | | back | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 |
| · · | | 230 V | 0.3 | 0.3 | 0.3 | 0.4 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.5 | 0.5 |
| Idle Current | Α | 24 V DC | | | | | | | | | | | 1.5 | 1.7 | 2.9 | 3.0 |
| | | 8Ω | 2.1 | 2.6 | 2.9 | 4.4 | 7.0 | | | | | | | | | |
| Power Consumption | А | 4 Ω | 2.9 | 3.8 | 4.2 | 6.4 | 11.0 | | | | | | | | | |
| 1/8 Load (Speech) | | 100 V | | | | | | 1.1 | 1.9 | 3.1 | 3.9 | 5.9 | 1.4 | 3.0 | 1.8 | 2.8 |
| i/o zoda (opeccii) | | 24 V DC | | | | | | | | | | | 8.7 | 19.1 | 11.8 | 18.6 |
| | | 8Ω | 4.9 | 6.3 | 4.4 | 6.5 | 10.2 | | | | | | | | | |
| Power Consumption | | 4 Ω | 6.9 | 8.9 | 6.4 | 9.5 | 16.3 | | | | | | | | | |
| 1/3 Load | A | 100 V | | | | | | 1.6 | 2.8 | 4.7 | 5.8 | 9.0 | 3.2 | 4.7 | 3.3 | 6.0 |
| (compressed Music) | | 24 V DC | | | | | | | | | | | 21.2 | 39.0 | 22.8 | 41.6 |
| | | 8Ω | 8.4 | 11.0 | 6.7 | 9.5 | 14.7 | | | | | | | | | |
| Power Consumption | | 4 Ω | 11.9 | 16.0 | 10.0 | 13.9 | 21.1 | | | | | | | | | |
| Full Power | Α | 100 V | | | | 13.7 | | 2.5 | 4.5 | 7.4 | 9.3 | 14.1 | 6.0 | 12.4 | 7.9 | 15.5 |
| 1 on 1 ower | | 24 V DC | | | | | | 2.5 | 4.5 | 7.4 | 7.5 | | 38.6 | 84.0 | 49.7 | 78.6 |
| Haart Dissipantian (Inlla) | W* | 24 V DC | 50 | | | | 74 | 13 | | | 19 | 19 | 22 | 25 | | |
| Heat Dissipation (Idle) | VV | 0.0 | 330 | 50 | 50 | 58 705 | 1270 | | 16 | 18 | | | | | 73 | 76 |
| Heat Dissipation | W* | 8Ω | | 400 | 520 | 795 | | | | | | | | | | |
| 1/8 Load (Speech) | VV^ | 4 Ω | 460 | 600 | 770 | | 1965 | | 750 | | | 1040 | 075 | | | 755 |
| Hard Birdanda | | 100 V | | | | 0.70 | 1070 | 205 | 350 | 575 | 695 | 1040 | 235 | 510 | 260 | 355 |
| Heat Dissipation | 146 | 8 Ω | 630 | 800 | 650 | 870 | 1270 | | | | | | | | | |
| 1/3 Load | W* | 4 Ω | 875 | 1120 | | 1345 | 2510 | | 4.60 | 705 | | 4705 | | | 705 | |
| (compressed Music) | | 100 V | | | | | | 270 | 460 | 795 | 900 | 1385 | 515 | 675 | 385 | 645 |
| Heat Dissipation | | Ω 8 | 875 | 1160 | 740 | | 1600 | | | | | | | | | |
| Full Power | W* | 4 Ω | | | | 1440 | | | | | | | | | | |
| | | 100 V | | | | | | 340 | 575 | 990 | 1025 | 1480 | 795 | 1670 | 735 | 1410 |
| DSP | | | | 0 | | no | | | | no | | | | 10 | | 10 |
| SXL Dataport | | | l ² | | | 2 | | | | no | | | no | | n | 10 |
| Remote Power On | | | yes | | yes | | | | | yes | | | yes | | yes | |
| Alive Contact | | | n | 0 | yes | | | | | yes | | | ye | es | yes | |
| Backup Power | | 24 V DC | n | 0 | | no | | | no | | | | | es | yes | |
| Height | RU | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Depth | mm | | 454 | 454 | 454 | 454 | 454 | 382 | 382 | 382 | 382 | 382 | 454 | 454 | 454 | 454 |
| Weight (net) | kg | | 19 | 20 | 18 | 20 | 22 | 15 | 17 | 19 | 33 | 38 | 15 | 18 | 14 | 14 |
| | K9 | | | | | | | | | | | | | | | |
| Power Requirements | V | | | -240 | | 210-24 | | | | 210-24 | | | 210 | -240 | 210 | -240 |

* 1 Watt = 3.412 BTU/Std. = 3600 Joule/Std.