

| | | Basic | | | | XB | | | | XR | | | | |
|--|-----|---------|---------|------|------|------|---------|------|------|------|----------------------------|------|------|------|
| | | 200 | 400 | 800 | 1200 | 400 | 800 | 1600 | 2500 | 1500 | 2000 | 2500 | 4000 | |
| Kanalzahl | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Schaltungsklasse | | AB | AB | AB | AB | AB | AB | H | H | H | H | H | H | |
| Burst pro Kanal 1 kHz | W | 8 Ω | 100 | 180 | 290 | 500 | 230 | 350 | 570 | 700 | 530 | 590 | 700 | 850 |
| | | 4 Ω | 130 | 250 | 490 | 840 | 360 | 530 | 960 | 1130 | 880 | 985 | 1130 | 1360 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 1250 | 1570 | 1220 | 1340 | 1570 | 1950 |
| Leistung pro Kanal 20 Hz - 20 kHz 0,1% THD | W | 8 Ω | 80 | 125 | 230 | 380 | 170 | 270 | 460 | 570 | 420 | 460 | 570 | 720 |
| | | 4 Ω | 105 | 170 | 330 | 610 | 270 | 410 | 760 | 930 | 680 | 730 | 920 | 1130 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 1020 | 1200 | 940 | 1030 | 1170 | 1700 |
| Leistung pro Kanal 1 kHz / 1% THD | W | 8 Ω | 85 | 130 | 240 | 400 | 180 | 290 | 490 | 620 | 440 | 490 | 610 | 780 |
| | | 4 Ω | 115 | 180 | 350 | 650 | 290 | 430 | 820 | 1020 | 740 | 790 | 1000 | 1230 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 1120 | 1310 | 1020 | 1130 | 1290 | 1810 |
| Leistung Brücke 20 Hz - 20 kHz 0,1% THD | W | 16 Ω | 160 | 250 | 460 | 760 | 340 | 540 | 890 | 1120 | 840 | 920 | 1040 | 1440 |
| | | 8 Ω | 210 | 340 | 660 | 1220 | 540 | 800 | 1500 | 1850 | 1360 | 1460 | 1840 | 2220 |
| | | 4 Ω | --- | --- | --- | --- | --- | --- | 2000 | 2400 | 1880 | 2060 | 2340 | 3300 |
| Frequenzgang Volllast | dB | 20 Hz | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 20 kHz | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,5 | -0,5 | -0,5 |
| THD 20 Hz - 20 kHz 10 dB unter Volllast | % | kleiner | 0,06 | 0,05 | 0,06 | 0,02 | 0,03 | 0,03 | 0,01 | 0,01 | 0,02 | 0,02 | 0,02 | 0,03 |
| THD 1 kHz Volllast | % | kleiner | 0,08 | 0,06 | 0,08 | 0,05 | 0,05 | 0,05 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,04 |
| Störabstand 20 Hz - 20 kHz | dB | größer | 102 | 103 | 103 | 103 | 103 | 105 | 103 | 103 | 103 | 103 | 103 | |
| Kanaltrennung | dB | größer | 85 | 85 | 85 | 85 | 85 | 85 | 80 | 80 | 80 | 80 | 80 | |
| Eingangsempfindlichkeit | dBu | | -1 | 0 | +3 | +6 | +2 | +3 | +6 | +6 | +6 | +6 | +6 | |
| Eingangsspannung max. | dBu | | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 14 | 14 | 14 | |
| Eingangsimpedanz | kΩ | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 | 12 | |
| Spannungsverstärkung | dB | | 28,8 | 31,4 | 34,1 | 36,4 | 32,4 | 34,2 | 30,5 | 30,5 | 30,5 | 30,5 | 30,5 | |
| Dämpfungsfaktor | | 4 Ω | 400 | 400 | 400 | 500 | 500 | 500 | 750 | 900 | 750 | 900 | 900 | 1200 |
| | | 8 Ω | 400 | 400 | 400 | 500 | 500 | 500 | 750 | 900 | 750 | 900 | 900 | 1200 |
| Lüfter (geregelt) | | vorne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |
| | | hinten | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Ruhestrom ohne Last | A | | 0,1 | 0,1 | 0,2 | 0,2 | 0,1 | 0,2 | 0,4 | 0,4 | 0,5 | 0,5 | 0,5 | |
| Stromaufnahme 1/8 Last (Sprache) | A | 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 |
| | | 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 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 6,0 | 6,7 | 5,1 | 6,1 | 7,0 | 7,8 |
| Stromaufnahme 1/3 last (komp, Musik) | A | 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 |
| | | 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 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 10,5 | 12,6 | 10,1 | 10,7 | 11,2 | 16,7 |
| Stromaufnahme Vollast | A | 8 Ω | 1,6 | 2,5 | 4,2 | 6,8 | 3,2 | 5,0 | 9,0 | 10,7 | 8,2 | 8,8 | 10,7 | 13,5 |
| | | 4 Ω | 2,4 | 3,7 | 5,6 | 11,0 | 5,1 | 7,7 | 15,1 | 17,4 | 13,7 | 14,6 | 17,5 | 22,2 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 23,0 | 27,2 | 21,3 | 23,0 | 27,6 | >30 |
| Wärmeabgabe Ruhe | W* | | 12 | 17 | 22 | 22 | 15 | 20 | 40 | 40 | 55 | 55 | 55 | |
| Wärmeabgabe 1/8 Last (Sprache) | W* | 8 Ω | 105 | 160 | 255 | 365 | 165 | 260 | 210 | 300 | 170 | 220 | 270 | 280 |
| | | 4 Ω | 150 | 245 | 425 | 660 | 260 | 450 | 380 | 470 | 290 | 375 | 460 | 500 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 630 | 730 | 490 | 640 | 730 | 830 |
| Wärmeabgabe 1/3 Last (komp, Musik) | W* | 8 Ω | 130 | 210 | 330 | 400 | 210 | 340 | 400 | 450 | 410 | 420 | 480 | 700 |
| | | 4 Ω | 230 | 340 | 600 | 770 | 350 | 610 | 690 | 790 | 690 | 700 | 825 | 1200 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 1000 | 1160 | 930 | 940 | 950 | 1700 |
| Wärmeabgabe Vollast | W* | 8 Ω | 150 | 230 | 340 | 420 | 220 | 340 | 440 | 490 | 420 | 440 | 520 | 680 |
| | | 4 Ω | 280 | 410 | 640 | 800 | 360 | 650 | 790 | 1000 | 750 | 780 | 950 | 1290 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | 1620 | 2000 | 1490 | 1600 | 2040 | --- |
| DSP | | | nein | | | | nein | | | | ja | | | |
| SXL Datenport | | | nein | | | | nein | | | | I ² C und RS485 | | | |
| Ferneinschaltung | | | nein | | | | ja | | | | ja | | | |
| Störmeldekontakte | | | nein | | | | 1 | | | | 1 | | | |
| Notstromversorgung | | 24 VDC | nein | | | | nein | | | | nein | | | |
| Einbauhöhe | HE | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Einbautiefe | mm | | 320 | 320 | 320 | 454 | 382 | 382 | 454 | 454 | 454 | 454 | 454 | |
| Gewicht (netto) | kg | | 10 | 12 | 13 | 15 | 12 | 13 | 13 | 13,5 | 14 | 14 | 14 | |
| Stromversorgung | V | | 210-240 | | | | 210-240 | | | | 210-240 | | | |
| | Hz | | 50-60 | | | | 50-60 | | | | 50-60 | | | |

* 1 Watt = 3,412 BTU/Std. = 3600 Joule/Std.

| | | | 4Xi / 4Xe | | 4X DUAL | | 8X | | |
|--|-----|---------|-----------|------|---------|------|---------|------|------|
| | | | 1200 | 2000 | 400 | 600 | 100 | 200 | 400 |
| Kanalzahl | | | 4 | 4 | 4 | 4 | 8 | 8 | 8 |
| Schaltungsklasse | | | H | H | AB | AB | AB | AB | AB |
| Burst pro Kanal 1 kHz | W | 8 Ω | 630 | 820 | 290 | 380 | 100 | 180 | 270 |
| | | 4 Ω | 1000 | 1300 | 450 | 630 | 130 | 250 | 490 |
| | | 2 Ω | 1400 | 2000 | --- | --- | --- | --- | --- |
| Leistung pro Kanal 20 Hz - 20 kHz 0,1% THD | W | 8 Ω | 540 | 700 | 230 | 290 | 80 | 120 | 190 |
| | | 4 Ω | 890 | 1160 | 310 | 370 | 100 | 180 | 330 |
| | | 2 Ω | 1150 | 1650 | --- | --- | --- | --- | --- |
| Leistung pro Kanal 1 kHz / 1% THD | W | 8 Ω | 600 | 770 | 240 | 310 | 90 | 130 | 200 |
| | | 4 Ω | 980 | 1280 | 320 | 420 | 110 | 200 | 350 |
| | | 2 Ω | 1260 | 1820 | --- | --- | --- | --- | --- |
| Leistung Brücke 20 Hz - 20 kHz 0,1% THD | W | 16 Ω | 1030 | 1350 | 460 | 600 | 160 | 260 | 360 |
| | | 8 Ω | 1710 | 2160 | 620 | 820 | 200 | 320 | 460 |
| | | 4 Ω | 2270 | 3140 | --- | --- | --- | --- | --- |
| Frequenzgang Volllast | dB | 20 Hz | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 20 kHz | -0,5 | -0,5 | -0,2 | -0,2 | -0,3 | -0,3 | -0,3 |
| THD 20 Hz - 20 kHz 10 dB unter Volllast | % | kleiner | 0,02 | 0,02 | 0,03 | 0,03 | 0,02 | 0,03 | 0,03 |
| THD 1 kHz Volllast | % | kleiner | 0,03 | 0,03 | 0,04 | 0,04 | 0,03 | 0,04 | 0,04 |
| Störabstand 20 Hz - 20 kHz | dB | größer | 100 | 100 | 103 | 103 | 101 | 103 | 103 |
| Kanaltrennung | dB | größer | 75 | 75 | 80 | 80 | 85 | 85 | 85 |
| Eingangsempfindlichkeit | dBu | | +4 | +4 | +6 | +6 | -1 | 0 | +2 |
| Eingangsspannung max. | dBu | | 20 | 20 | 21 | 21 | 22 | 22 | 22 |
| Eingangsimpedanz | kΩ | | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Spannungsverstärkung | dB | | 34,0 | 34,0 | 31,4 | 32,4 | 28,8 | 31,4 | 34,1 |
| Dämpfungsfaktor | | 4 Ω | 700 | 700 | 800 | 800 | 400 | 400 | 400 |
| Lüfter (geregelt) | | vorne | 2 | 2 | 2 | 2 | 0 | 2 | 2 |
| | | hinten | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Ruhestrom ohne Last | A | | 0,7 | 0,7 | 0,3 | 0,3 | 0,3 | 0,4 | 0,5 |
| Stromaufnahme 1/8 Last (Sprache) | A | 8 Ω | 5,5 | 6,0 | 2,1 | 2,6 | 2,9 | 4,4 | 7,0 |
| | | 4 Ω | 8,5 | 9,0 | 2,9 | 3,8 | 4,2 | 6,4 | 11,0 |
| | | 2 Ω | 11,5 | 12,0 | --- | --- | --- | --- | --- |
| Stromaufnahme 1/3 last (komp, Musik) | A | 8 Ω | 11,0 | 14,0 | 4,9 | 6,3 | 4,4 | 6,5 | 10,2 |
| | | 4 Ω | 17,5 | 23,0 | 6,9 | 8,9 | 6,4 | 9,5 | 16,3 |
| | | 2 Ω | 21,5 | 26,5 | --- | --- | --- | --- | --- |
| Stromaufnahme Vollast | A | 8 Ω | 19,0 | 23,0 | 8,4 | 11,0 | 6,7 | 9,5 | 14,7 |
| | | 4 Ω | >30 | >30 | 11,9 | 16,0 | 10,0 | 13,9 | 21,1 |
| | | 2 Ω | >30 | >30 | --- | --- | --- | --- | --- |
| Wärmeabgabe Ruhe | W* | | 80 | 80 | 50 | 50 | 50 | 58 | 74 |
| Wärmeabgabe 1/8 Last (Sprache) | W* | 8 Ω | 460 | 500 | 230 | 300 | 420 | 630 | 1060 |
| | | 4 Ω | 800 | 850 | 360 | 500 | 650 | 1010 | 1700 |
| | | 2 Ω | 1200 | 1300 | --- | --- | --- | --- | --- |
| Wärmeabgabe 1/3 Last (komp, Musik) | W* | 8 Ω | 950 | 1300 | 490 | 710 | 560 | 810 | 1300 |
| | | 4 Ω | 1650 | 2300 | 790 | 1160 | 900 | 1350 | 2200 |
| | | 2 Ω | 1900 | 2750 | --- | --- | --- | --- | --- |
| Wärmeabgabe Vollast | W* | 8 Ω | 1000 | 1350 | 670 | 900 | 560 | 850 | 1390 |
| | | 4 Ω | --- | --- | 1150 | 1660 | 1070 | 1480 | 2320 |
| | | 2 Ω | --- | --- | --- | --- | --- | --- | --- |
| DSP | | | nein | | nein | | nein | | |
| SXL Datenport | | | RS485 | | I2C | | I2C | | |
| Ferneinschaltung | | | ja | | ja | | ja | | |
| Störmeldekontakte | | | 2 | | nein | | 4 | | |
| Notstromversorgung | | 24 VDC | nein | | nein | | nein | | |
| Einbauhöhe | HE | | 2 | 2 | 2 | 2 | 2 | 2 | |
| Einbautiefe | mm | | 454 | 454 | 454 | 454 | 454 | 454 | |
| Gewicht (netto) | kg | | 15 | 16 | 19 | 20 | 18 | 20 | 22 |
| Stromversorgung | V | | 210-240 | | 210-240 | | 210-240 | | |
| | Hz | | 50-60 | | 50-60 | | 50-60 | | |

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| | | | XV | | | | | XV DC | | 2DXV | | 4DXV | |
|---|-----|---------|---------|------|------|------|------|---------|------|---------|------|---------|------|
| | | | 200 | 400 | 600 | 1000 | 1600 | 500 | 1000 | 300 | 500 | 250 | 500 |
| Kanalzahl | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 |
| Schaltungsklasse | | | AB | AB | AB | AB | AB | H | H | D | D | D | D |
| Leistung pro Kanal | W | 100 V | 100 | 200 | 300 | 500 | 800 | 250 | 500 | 300 | 500 | 250 | 500 |
| Frequenzgang 100V | dB | 20 Hz | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -0,6 | -0,6 | 0 | 0 |
| | | 20 kHz | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -0,3 | -1,0 | -1,3 | -0,3 | -0,3 |
| Frequenzgang 70V | dB | 20 Hz | --- | --- | --- | --- | --- | --- | --- | -0,4 | -0,4 | --- | --- |
| | | 20 kHz | --- | --- | --- | --- | --- | --- | --- | -1,5 | -2,2 | --- | --- |
| THD 1 kHz Volllast | % | kleiner | 0,07 | 0,06 | 0,06 | 0,06 | 0,07 | 0,03 | 0,03 | 0,15 | 0,15 | 0,03 | 0,03 |
| Störabstand 20 Hz - 20 kHz | dB | größer | 101 | 103 | 103 | 105 | 107 | 101 | 101 | 96 | 96 | 100 | 100 |
| Kanaltrennung | dB | größer | 75 | 75 | 75 | 70 | 70 | 65 | 65 | 75 | 75 | 96 | 92 |
| Eingangsempfindlichkeit | dBu | | -1 | 0 | +2 | +3 | +6 | +6 | +6 | 0 | 0 | 0 | 0 |
| Eingangsspannung max. | dBu | | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 |
| Eingangsimpedanz | kΩ | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 14 | 14 | 12 | 12 |
| Spannungsverstärkung | dB | | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| Lüfter (geregelt) | | vorne | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 3 |
| | | hinten | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| Ruhestrom ohne Last | A | 230 VAC | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 | 0,3 | 0,4 | 0,3 | 0,3 | 0,5 | 0,5 |
| | | 24 VDC | --- | --- | --- | --- | --- | 1,5 | 1,7 | 1,6 | 1,6 | 2,9 | 3,0 |
| Stromaufnahme 1/8 Last (Sprache) | A | 100 V | 1,1 | 1,9 | 3,1 | 3,9 | 5,9 | 1,4 | 3,0 | 0,9 | 1,3 | 1,8 | 2,8 |
| | | 24 VDC | --- | --- | --- | --- | --- | 8,7 | 19,1 | 5,5 | 8,8 | 11,8 | 18,6 |
| Stromaufnahme 1/3 last (komp, Musik) | A | 100 V | 1,6 | 2,8 | 4,7 | 5,8 | 9,0 | 3,2 | 4,7 | 1,8 | 3,0 | 3,3 | 6,0 |
| | | 24 VDC | --- | --- | --- | --- | --- | 21,2 | 39,0 | 12,0 | 20,2 | 22,8 | 41,6 |
| Stromaufnahme Volllast | A | 100 V | 2,5 | 4,5 | 7,4 | 9,3 | 14,1 | 6,0 | 12,4 | 4,7 | 8,0 | 7,9 | 15,5 |
| | | 24 VDC | --- | --- | --- | --- | --- | 39,0 | 84,0 | 33,0 | 53,0 | 50,0 | 79,0 |
| Wärmeabgabe Ruhe | W* | | 13 | 16 | 18 | 19 | 19 | 22 | 25 | 39 | 39 | 73 | 76 |
| Wärmeabgabe 1/8 Last (Sprache) | W* | 100 V | 175 | 285 | 500 | 640 | 990 | 165 | 365 | 55 | 90 | 170 | 215 |
| Wärmeabgabe 1/3 Last (komp, Musik) | W* | 100 V | 240 | 390 | 670 | 820 | 1430 | 355 | 430 | 85 | 150 | 220 | 330 |
| Wärmeabgabe Volllast | W* | 100 V | 310 | 450 | 780 | 970 | 1780 | 490 | 1070 | 160 | 300 | 300 | 580 |
| DSP | | | nein | | | | | nein | | nein | | nein | |
| SXL Datenport | | | nein | | | | | nein | | nein | | nein | |
| Ferneinschaltung | | | ja | | | | | ja | | ja | | ja | |
| Störmeldekontakte | | | 1 | | | | | 1 | | 3 | | 2 | |
| Notstromversorgung | | 24 VDC | nein | | | | | ja | | ja | | ja | |
| Einbauhöhe | HE | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Einbautiefe | mm | | 454 | 454 | 454 | 454 | 454 | 454 | 454 | 302 | 302 | 454 | 454 |
| Gewicht (netto) | kg | | 19 | 20 | 18 | 20 | 22 | 15 | 18 | 13 | 13 | 14 | 14 |
| Stromversorgung | V | | 210-240 | | | | | 210-240 | | 210-240 | | 210-240 | |
| | Hz | | 50-60 | | | | | 50-60 | | 50-60 | | 50-60 | |

* 1 Watt = 3,412 BTU/Std. = 3600 Joule/Std.

Technische Änderungen vorbehalten. Aktuelle Daten auf www.bittner-audio.com