

Technical Specifications PM/PSX Mixing desk in rated condition, Unity Gain (MIC Gain 20 dB), all faders position 0 dB, all pots in mid position, Master fader + 6dB, amplifier rated output power into 8 ohms, one channel driven, unless otherwise specified.

| | | | |
|--|--|----------------------------|-------------------|
| Maximum Midband Output Power , 1 kHz, THD 1% | PM/PSX 1000 | PM/PSX 1600 | PM/PSX 2200 |
| into 4 ohms | 2 x 570 W | 2 x 570 W | 2 x 760 W |
| into 8 ohms | 2 x 340 W | 2 x 340 W | 2 x 430 W |
| Rated Output Power , 20 Hz ... 20 kHz, THD 0.2% | | | |
| into 4 ohms | 2 x 500 W | 2 x 500 W | 2 x 700 W |
| into 8 ohms | 2 x 250 W | 2 x 250 W | 2 x 350 W |
| Maximum Output Voltage of power amplifier, no load | 58 Vrms | 58 Vrms | 63 Vrms |
| THD at 1kHz, MBW=80kHz | | | |
| MIC input to Main L/R output, +16 dBu | < 0.006% | < 0.006% | < 0.006% |
| Power amplifier input to Speaker L/R output | < 0.05% | < 0.05% | < 0.05% |
| DIM 30 , power amplifier | < 0.015% | < 0.015% | < 0.015% |
| IMD-SMPTE , power amplifier, 60Hz, 7 kHz | < 0.15% | < 0.15% | < 0.15% |
| Frequency Response , -3dB ref. 1kHz | | | |
| Any input to any Mixer output | 15Hz ... 60kHz | 15Hz ... 60kHz | 15Hz ... 60kHz |
| Any input to Speaker L/R output | 30Hz ... 40kHz | 30Hz ... 40kHz | 30Hz ... 40kHz |
| Crosstalk , 1kHz | | | |
| Fader and AUX-Send attenuation | > 80 dB | > 80 dB | > 80 dB |
| Channel to channel | > 70 dB | > 70 dB | > 70 dB |
| CMRR , MIC input, 1kHz | > 80 dB | > 80 dB | > 80 dB |
| Input Sensitivity , all level controls in max. position | | | |
| MIC Input | -74 dBu (155 µV) | -74 dBu (155 µV) | -74 dBu (155 µV) |
| Line Input (Mono) | -54 dBu (1.55 mV) | -54 dBu (1.55 mV) | -54 dBu (1.55 mV) |
| Line Input (Stereo) | -34 dBu (15.5 mV) | -34 dBu (15.5 mV) | -34 dBu (15.5 mV) |
| Power Amplifier Input | + 6 dBu (1.55 V) | + 6 dBu (1.55 V) | + 6 dBu (1.55 V) |
| Maximum Level , mixing desk | | | |
| MIC inputs | + 11 dBu | + 11 dBu | + 11 dBu |
| Line inputs | + 30 dBu | + 30 dBu | + 30 dBu |
| All other inputs | + 20 dBu | + 20 dBu | + 20 dBu |
| Record Send output | + 16 dBu | + 16 dBu | + 16 dBu |
| All other outputs | + 20 dBu | + 20 dBu | + 20 dBu |
| Input Impedances | | | |
| MIC | 1.8 kohms | 1.8 kohms | 1.8 kohms |
| Insert Return | 2.2 kohms | 2.2 kohms | 2.2 kohms |
| EQ Input and 2 Track Return | 8 kohms | 8 kohms | 8 kohms |
| All other inputs | > 15 kohms | > 15 kohms | > 15 kohms |
| Output Impedances | | | |
| Record Send | 1 kohms | 1 kohms | 1 kohms |
| Phones | 47 ohms | 47 ohms | 47 ohms |
| All other outputs | 75 ohms | 75 ohms | 75 ohms |
| Equivalent Input Noise , MIC Input, A-weighted 150 ohms | -130 dBu | -130 dBu | -130 dBu |
| Noise , Channel inputs to Main L/R outputs, A-weighted | | | |
| Master fader down | -92 dBu | -92dBu | -92dBu |
| Master fader 0 dB, Channel fader down | -89 dBu | -87dBu | -85dBu |
| Master fader 0 dB, Channel fader 0 dB, Channel gain unity | -83 dBu | -81dBu | -79dBu |
| Signal/Noise-Ratio , power amplifier, A-weighted | 104 dB | 104 dB | 106 dB |
| Equalization | | | |
| LO Shelving | | ± 15 dB / 60 Hz | |
| MIDPeaking, mono inputs | | ± 15 dB / 100 Hz ... 8 kHz | |
| MID Peaking, stereo inputs | | ± 12 dB / 2.4 kHz | |
| HI Shelving | | ± 15 dB / 12 kHz | |
| Master EQ, 2x7-band | | ± 10 dB | |
| Phantom Power | 24V DC | 24V DC | 24V DC |
| Mains voltage | 100V / 120V / 230V / 240V AC / 50-60Hz | | |
| Power Consumption at 1/8 maximum output power, 4 ohms | 600 W | 670W | 1100W |
| Dimensions , (WxHxD), mm | 508.5x210.3x478.7 | 667.5x210.3x478.7 | 826.5x210.3x478.7 |
| Weight , including lid | 20 kg | 24kg | 29kg |
| Optional Goosneck Lamp, 12V/2.4W, 12", XLR | 112 700 | 112 700 | 112 700 |
| Footswitch FS11 | 110 693 | 110 693 | 110 693 |
| Rack-Mount-Kit(PM/PSX1000) | NRS 90220 | 112 698 | |