

MCA1120 / PCA1120 Technical Specifications

| Audio Performance | | | | | | |
|------------------------------|---|-----------------------------|--------------------------|--|-----------------------|----------------------------|
| Output Type | Lo-Z (2-3Ω) | Lo-Z (4-8Ω) | Hi-Z (70, 100V) | Measurement Condition | | |
| Rated Power | 120 W (2Ω) | 120 W (4Ω) | 120 W | 1kHz | | |
| | 80 W (3Ω) | 80 W (6Ω) | | | | |
| | --- | 60 W (8Ω) | | | | |
| THD+N | ≤ 0.5 % | ≤ 0.5 % | ≤ 1.0 % | 1kHz @ Rated Power | | |
| Frequency Response | 20 Hz - 20 kHz (+0dB, -6dB) | | | Reference 0dB @ 3W, 1kHz | | |
| Signal-to-Noise Ratio | ≤ -90dB | | | with IEC-C filter | | |
| Input | | | | | | |
| Input Type | MCA | LINE 1 | LINE 2 | LINE 3 ^{*1} | MIC 1 | MIC 2 ^{*1} |
| | PCA | --- | LINE | --- | --- | --- |
| Input Terminal | Stereo Mini (3.5mm) Unbalanced | Stereo RCA Unbalanced | Stereo RCA Unbalanced | EuroBlock Unbalanced | EuroBlock Balanced | EuroBlock Balanced |
| Exclusive Input | Bluetooth | --- | --- | MIC 2 ^{*1} | --- | LINE 3 ^{*1} |
| Input Sensitivity | -14dBV | -10dBV | -10dBV | -10dBV | -50dBV | -50dBV ^{*2} |
| Input Impedance | 43kΩ | 14kΩ | 14kΩ | 14kΩ | 2kΩ | 2kΩ ^{*2} |
| Output | | | | | | |
| Output Type | MCA | Lo-Z (2-3Ω) | Lo-Z (4-8Ω) | Hi-Z (70V) | Hi-Z (100V) | PRE OUT ^{*3} |
| | PCA | --- | --- | --- | --- | LINE OUT ^{*3} |
| Output Terminal | --- | EuroBlock Balanced (-/+) | | EuroBlock Balanced (COM / 70 or 100V) | | Monaural RCA Unbalanced |
| Max. Output Voltage | --- | 15.5Vrms | 22Vrms | 70Vrms | 100Vrms | 1Vrms |
| Output Impedance | --- | 2-3Ω | 4-8Ω | 41Ω | 82Ω | 2kΩ |
| Integrated DSP | | | | | | |
| Sound Processing | BGM Mode, Auto Leveler, Preset EQ for Loudspeaker, HPF, LPF (PCA only) | | | | | |
| Mic. Proc. (MCA only) | Auto Priority Ducker, Feedback Suppressor, Paging with PTT switch | | | | | |
| Full Custom EQ | Parametric EQ, HPF, LPF, High-Shelving, Low-Shelving (Total 12 Proc.) | | | | | |
| System Control | | | | | | |
| External Control | RS232C (two-way communication), IR (Infrared), Remote Volume (10kΩ potentiometer) | | | | | |
| Others | Front Panel Key Lock, Auto Power On, Auto Standby | | | | | |
| Bluetooth & USB (MCA only) | | | | | | |
| Communication Range | Max. 10m (Line of sight approx.) | | | | | |
| USB Terminal | 5V / 2.1A (For Power Supply) | | | | | |
| General | | | | | | |
| Operating Temperature | 0 - 40 °C @ Non-condensing | | | | | |
| Power Supply | AC 100 - 240V (50/60 Hz) | | | | | |
| Power Consumption | 215W (Max.), 10W (Idling), 0.4W (Standby) | | | | | |
| Rack Space Units | 1 RU high, half rack wide (Rack Mount Kit : IRK-44-3) | | | | | |
| Product Weight | 3.6kg (7.9lbs) | | | | | |

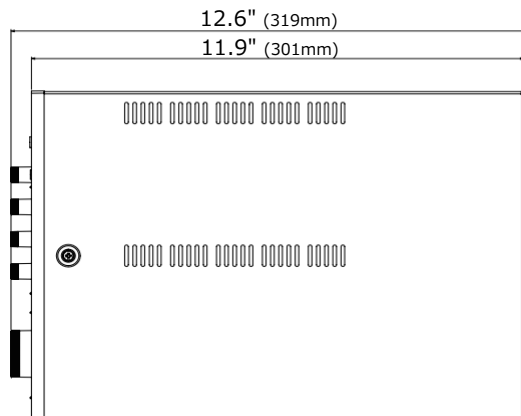
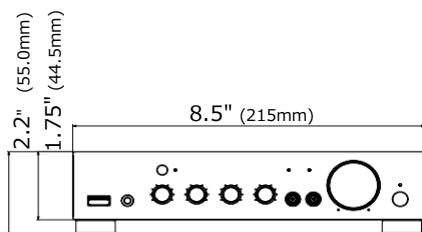
*1 : MIC 2 and LINE 3 are exclusive inputs.
Only one can be used.

*2 : The MIC2 input can also be used for the Line level output microphone depending on the setting.

*3 : The output level of PRE OUT (MCA) is link to the main volume level.
The output level of LINE OUT (PCA) is fixed regardless of the volume level.

Mechanical Diagrams

* MCA and PCA are the same size.



■ Specifications and features are subject to change without notice.



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