

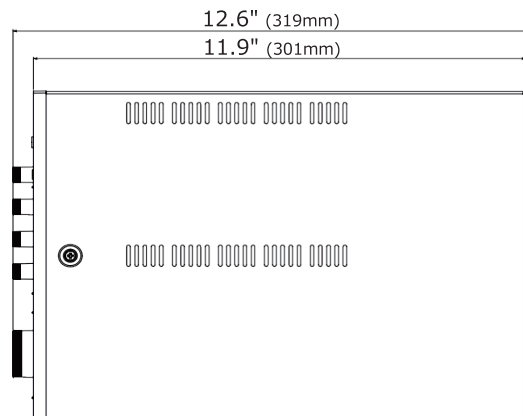
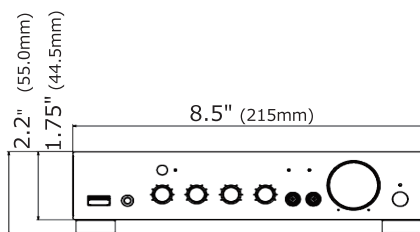
MCA1120 / PCA1120 Technical Specifications

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	EuroBlock Balanced (-/+)			EuroBlock Balanced (COM / 70 or 100V)		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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