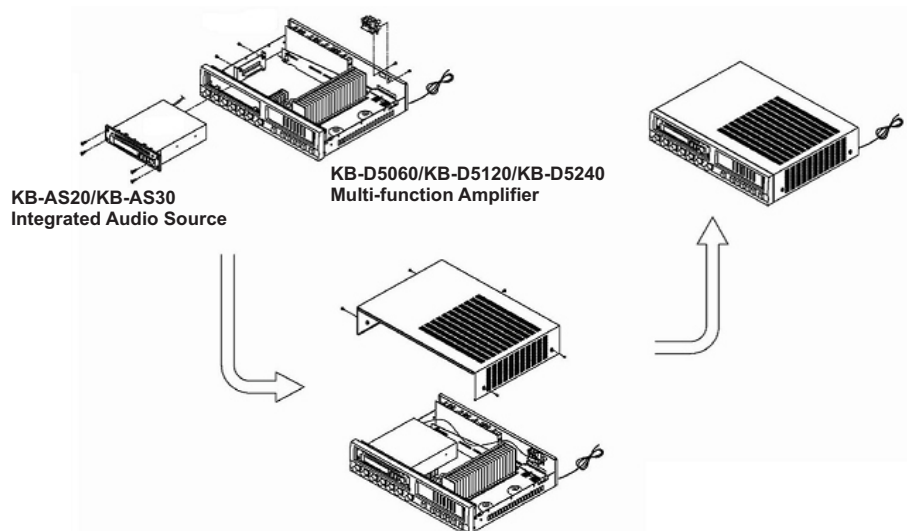


KB-D5060/KB-D5120/KB-D5240**MIXED AMPLIFIER WITH ZONE
SELECTOR / CD / TUNER**

KB-D Series amplifier is highly compact Class-D amplifier solution features with integrated audio source, 6 zone selectors, volume control of each zone and equalizer. With precise understanding of the needs of simple applications, KB-D series not only provides stable performance of Class-D amplifier, but also increases value from the utilization of each function.

FEATURES

- 2-level priority with mute function
- Advanced protection system includes current limiting, over current and thermal protection
- 7 band graphic equalizer
- Expendable by adding audio mixer and power amplifier with LINK and PRE-AMP terminal
- Compact size and lightweight
- Telephone paging input connector and dry contact of chime

CONNECTION DIAGRAM

TECHNICAL SPECIFICATIONS

Performance	Parameter	KB-D5060	KB-D5120	KB-D5240
Input Sensitivity for full output at maximum gain	Balanced Microphone Channels	-50 dB \pm 3 dB		
	Balanced Line Channels	-6 dB \pm 3 dB		
	Balanced Remote Microphone Station(RCA jack)	-50 dB ~ -6 dB \pm 3 dB (-30 dB ~ \pm 14 dB \pm 3 dB)		
	Balanced TELE- PAGING/MIC Input	-40 dB ~ 0 dB \pm 3 dB		
	Unbalanced Link-In	-17 dB \pm 3 dB		
	Unbalanced Am p-In	0 dB \pm 3 dB		
	Unbalanced Remote Microphone Paging Station	+18 dB \pm 3 dB		
Frequency Response	at 1 W from speaker out tap.100 Hz~10 kHz	+1.5 dB / -3 dB		
Graphic Equalizer	125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz	\pm 12 dB \pm 3 dB		
	Signal to Noise Ratio at rated power output	> 75 dB		
	Crosstalk at all control maximum	-60 dB at 1 kHz		
	Output Power at THD 0.5%	120 W	240 W	300 W
	Total Harmonic Distortion(THD) at 1 kHz rated power	< 0.5%		
	Phantom Power	15 VDC		
	Power Band Width at 1 kHz from speaker out tap	80 Hz ~ 15 kHz with less than 0.5% THD		
	Operating Temperature/Humidity at non-condensing	0 ~ 40 °C at 95% humidity		
Output Voltage and Impedance	8 Ω	31 V	44 V	49 V
	70 V	40.8 Ω	20.4 Ω	16.3 Ω
	100 V	83 Ω	41.6 Ω	33.3 Ω
Construction	Cooling	Convection Cooled		
	Dimensions (W x H x D)	420 x 88 x 320 mm		
	Net Weight	9.76 kg	10.5 kg	10.93 kg

ORDERING INFORMATION

KB-D5060/KB-D5120/KB-D5240

Mixed Amplifier with Zone Selector

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