

8 x 300W 4ohm Digital Power Amplifier

DSA300E



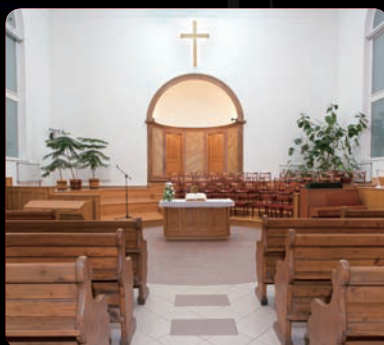
8 x 300W 4ohm Digital Power Amplifier DSA300E



Educational facilities
Classroom, Seminar room etc.



Religious facilities
church, Buddhist temple etc.



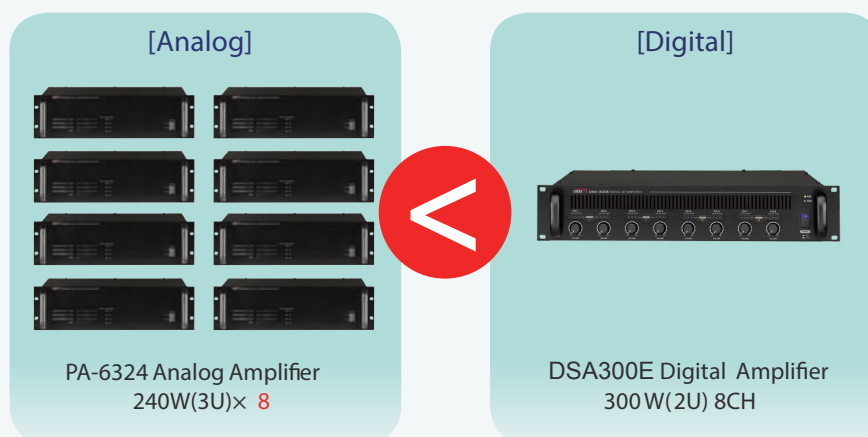
Commercial facility
Hotel, Cafe, restaurant etc.



FEATURE

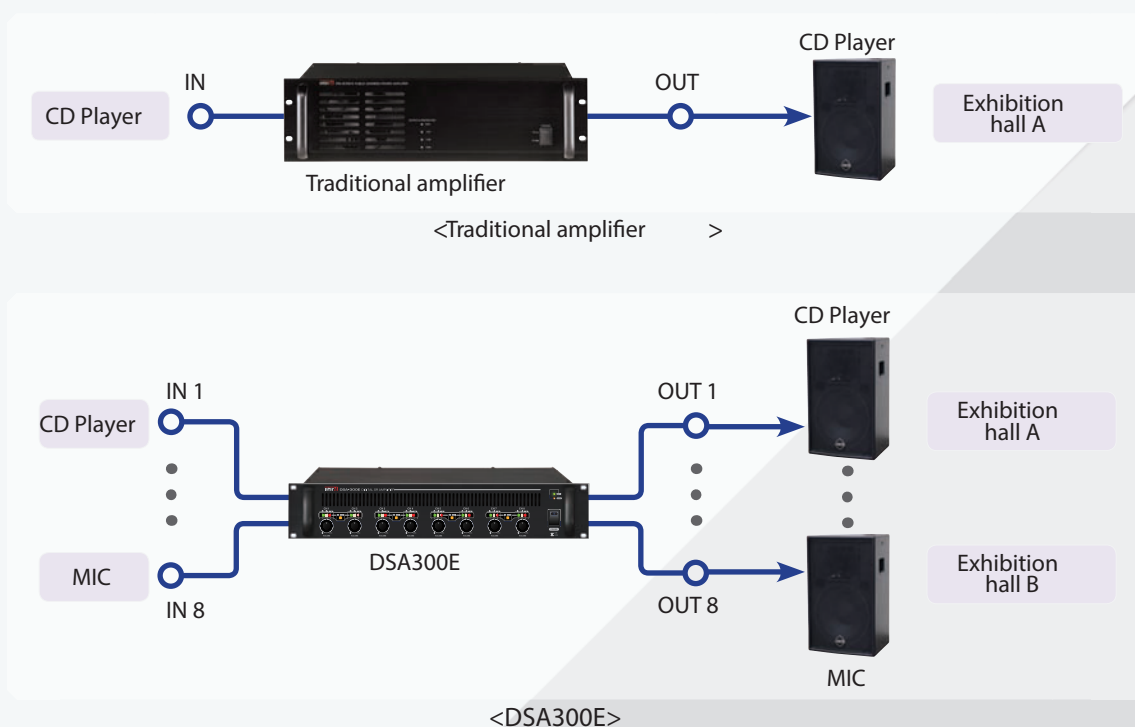
Digital Amplifier Maximum of 300 W×8CH

All new DSA300E is a multi-channel power amplifier of 300 W×8CH(4 Ω)/150 W×8CH(8 Ω) or high output of 600 W×4CH(8 Ω) when used in Bridge mode. It is particularly suitable for venues that require high-quality BGM such as restaurant, hotel and conference centers. You can build a much more cost and space-efficient system as compare to previous 8CH analog amplifiers as it is lightweight and low heat. 2 U-sized.



Simultaneous Broadcast

DSA300E can send 8 different sound sources to 8 outputs simultaneously. For instance, it can send sound sources of the CD Player to the exhibition hall A and broadcast microphone to the exhibition hall B. This function can be utilized from small-sized venues like café and stores to large-sized venues like exhibition hall and department store.

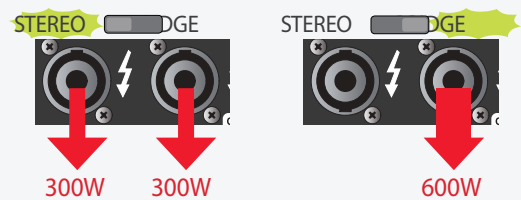


FEATURE

Maximum of 600W Output per Channel in Bridge Mode

DSA300E provides Bridge mode which enables two connected channels to be one output. When used with Bridge mode, output of 600 W is possible. Place 'MODE SWITCH' on the rear panel to 'BRIDGED' and Bridge mode LED on the front panel lights up. If every channel is on Bridge mode, maximum of 600 W×4CH(8 Ω) is available. Connect two adjacent even and odd channels to utilize Bridge mode. Insert audio signal to odd channel.

Bridge mode connection channel :
CH 1-CH 2/CH 3-CH 4/CH 5-CH 6/CH 7-CH 8



High-quality Sound of High S/N and Low THD

DSA300E is a high-quality pro audio power amplifier with S/N over 100 dB and THD below 0.1 %. It perfectly suits for hotels', conference centers' and restaurants' the venues in need of supreme quality BGM play.

S/N : This is Signal to Noise value. Higher the value, clearer the sound.

THD : This is an acronym of Total Harmonics Distortion. Lower the value, better the sound.

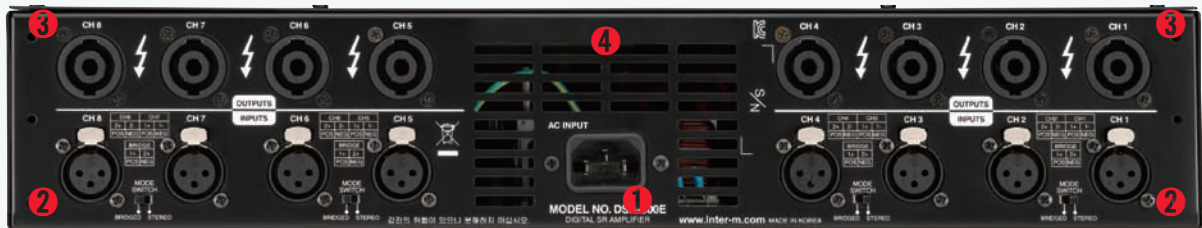


LED Indicators

The backlit LED enables to monitor AC/DC power, STBY status, SIG -30 dB output level of each channel, Clip and Protect status. Also, with the volumes of each channel on the front panel, separate volume control is possible.

REAR PANEL

REAR PANEL



- AC INPUT
- XLR INPUT TERMINAL
- OUTPUT TERMINAL
- FAN VENTS

SPECIFICATIONS

		DSA300E
Rated Output Power	8Ω per channel (STEREO)	150W
	4Ω per channel (STEREO)	300W
	8Ω per channel (BRIDGED)	600W
Input Sensitivity		1.23Vrms (4dBu)
Voltage Gain (STEREO)		29dB
Voltage Gain (BRIDGED)		35dB
THD (AES17, 1/3 rated output power)		Less than 0.3% (20kHz LPF)
S/N (20kHz LPF)		More than 100dB (20kHz LPF)
Frequency Response (1W, ±3dB)		20Hz ~ 20kHz
Output Circuit		Class D
Input Impedance		10kΩ Balanced
Indicator		SIG, CLIP, PROT, BRIDGED
Protection Circuit		Full Short Circuit, Thermal Protection Power ON/OFF Muting, DC Output Protection
Input Terminal		XLR Female
Output Terminal		4 Pole Speaker Socket
Operating Temperature		-10°C ~ +40°C/0% ~ 90%
Power Source		AC 220-240V, 50/60Hz
Power Consumption		480W (1/8W)
Weight (Set)		7.7kg
Dimensions (Set)		482 × 88 × 367 mm

