

ICON 300/700

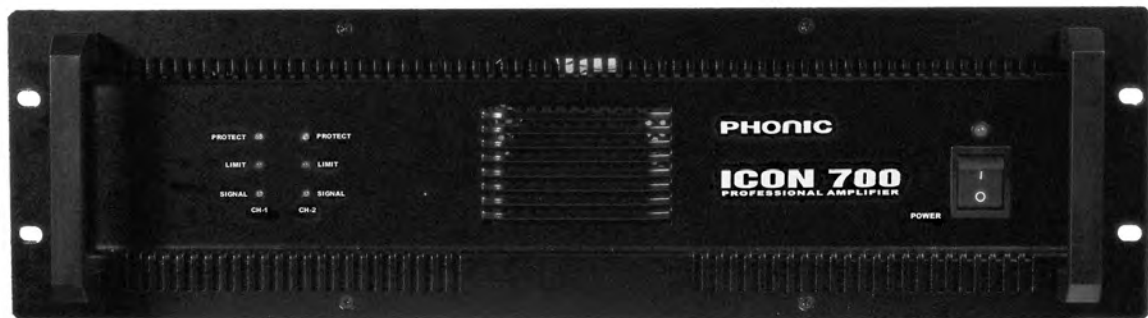
ICON 300 300W Contractor Power Amp

ICON 700 700W Contractor Power Amp

Amplifier

Toroidal output transformers provide full electrical isolation

Built-in 45Hz subsonic filter - prevents speaker transformer saturation with minimal effect on program material



FEATURES

- ▶ Output power: 2x 150W (ICON 300) 2x 350W (ICON 700)@ 70V or 100V
- ▶ Automatic dual-speed, high-efficiency cooling fan
- ▶ Rear panel detented gain controls
- ▶ Stereo, bridge, or parallel operating modes
- ▶ XLR and barrier strip inputs
- ▶ XLR inputs and outputs for easy signal pass through in multi-amp setups
- ▶ Full short-circuit, temperature and DC offset protection
- ▶ Barrier strip connection determines output mode - 25V, 70V, 100V and low impedance outputs available simultaneously
- ▶ Toroidal output transformers provide full electrical isolation and meet worldwide safety standards
- ▶ Built-in 45 Hz subsonic filter prevents speaker transformer saturation with minimal effect on program material

Icon Series power amplifiers are designed with the needs of sound contractors in mind. The binding post outputs allow for connection to standard low impedance speakers. Barrier strip outputs enable 25V, 70V and 100V Line operation. Each amplifier channel has a separate toroidal secondary transformer that provides full electrical isolation and ensures maximum audio separation. Features like power up muting, full short-circuit temperature, DC offset protection and a built-in 45 Hz subsonic filter, combine to make the Icon Series an attractive, cost effective solution for any audio installation.

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Specifications

	ICON 300	ICON 700
Max.power rating		
At 8 ohms	2X 120W	2X 240W
At 4 ohms	2X 200W	2X 400W
At 2 ohms	2X 300W	2X 550W
Mono bridge at 8 ohms	420W	850W
Mono bridge at 4 ohms	540W	1100W
200V or 140V bridge	300W	700W
100V or 70V	2X 150W	2X 350W
25V	2X 120W	2X 280W
Frequency response	50Hz-50KHz	50Hz-50KHz
THD	<0.05%	<0.05%
Input sensitivity	1.02V	1.02V
Input impedance (Bal/Unbal)	20K ohms/10K ohms	20K ohms/10K ohms
Damping factor	>200	>200
S/N ratio	>100dB	>100dB
Protection circuits	Thermal, short-circuit and DC offset protection circuitry	
Controls	Power on/off switch, ch1&ch2 gain, Parallel/Stereo/Bridge amp mode switch	
Input connector	XLR and barrier strip	
Output connector	Barrier strip with plastic cover	
Cooling system	Forced air cooling system with auto 2-speed fan	
Indicators	Limit: red, Signal: green, Protect: yellow	
Power requirement	120VAC, 60Hz	
Dimensions(WxHxD)	482.6x133x415 mm (19" x 5.25" x 16.3")	
Net weight	20.2 kg (44.5 lbs)	24.3 kg (52 lbs)



Back Panel

V.1
1.1
1/03/05
Information in this document is
subject to change without notice.

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