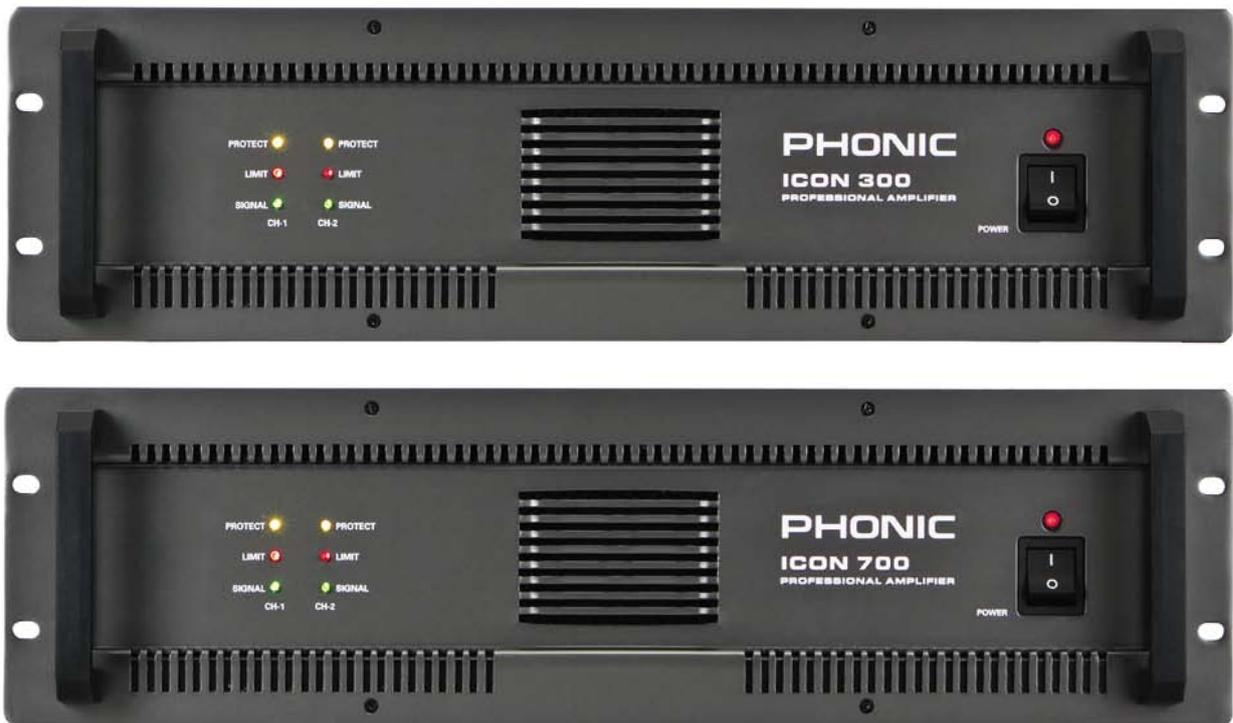


## ICON 300

300 Watt Contractor Power Amp

## ICON 700

700 Watt Contractor Power Amp



## Features

- ▶ Output power: 2 x 150W @ 70V or 100V (ICON 300)
- ▶ Output power: 2 x 350W @ 70V or 100V (ICON 700)
- ▶ Barrier strip connection determines output mode: 25V, 70V, 100V and low impedance outputs available simultaneously
- ▶ 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
- ▶ 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

## Description

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.

# ICON SERIES

## Contractor Power Amplifiers

### Dimensions

ICON 300 | ICON 700



### Specifications

	ICON 300	ICON 700
Direct Power Out		
Max. average power at 45Hz-20kHz. With 0.1% THD		
8 ohm	120W×2	240W×2
4 ohm	200W×2	400W×2
2 ohm, 1kHz,1%THD	300W×2	550W×2
Bridged mono 8 ohm, 1kHz,1%THD	420W	850W
Bridged mono 4 ohm, 1kHz,1%THD	540W	1100W
Isolated Constant Voltage Out		
200V or 140V Bridge	300W	700W
100V or 70V	150W×2	350W×2
25V	120W	280W×2
Frequency Response		
Direct Outputs (+0/-2dB)		50Hz-50kHz
Isolated Outputs (+0/-2dB)		50Hz-16kHz
Total Harmonic Distortion	<0.05	<0.05
Sensitivity (for full output)	1.02V	1.02V
Voltage Gain	28dB	32dB
Input Impedance		
Balanced/Unbalanced		20k/10k ohm
Damping Factor		>200 (direct output)
S/N Ratio		Less than 100dB below rated output (20Hz-20kHz)
Protection Circuits	Output offset voltage protection, heat sink overheat protection, Transformer overheat protection, Load shorting protection, Power on/off protection	
Controls		
Front Panel		Power Switch
Rear Panel	Ch1 & Ch2 gain controls (41 click); Parallel/Stereo/Bridge switch	
Connectors		
Input	XLR jack ×2, Barrier strip ×1	
Output	Covered Barrier strip ×2; heavy-duty binding post	
Cooling	One dual speed fan	
Indicators	Clip: Red Signal: Green Protect: Yellow Power: Red	Limit: Red Signal: Green Protect: Yellow Power: Red
Dimensions (W×H×D)	480 x 132 x 428 mm (18.9" x 5.2" x 16.85")	480 x 132 x 428 mm (18.9" x 5.2" x 16.85")
Net Weight	20.72 Kg (45.7 lbs)	24.7 Kg (54.6 lbs)