



► Models CTS2-300, CTS2-600, CTS2-1250 and CTS2-2400

AudioMaster® Public Address High-Powered Amplifiers

The Federal Signal line of high-powered audio amplifiers provides the flexibility, quality, and performance required in a public address system. AudioMaster® amplifiers are available in four different power ratings from 150 to 1000 watts per channel, and can be independently configured to drive either the step-down transformers in a distributed “constant-voltage” loudspeaker system (70-volt or 100-volt mode) or a system of loudspeakers that do not require step-down transformers (8/4-ohm mode). The 70-volt and 100-volt outputs eliminate the need for step-up transformers, which can create distortion and cause insertion loss.

The amplifiers and speakers are protected against shorted outputs, DC, mismatched loads, overheating, over or under supply voltage and high-frequency overheating. An AUX port provides additional flexibility for amplifiers to be integrated in control systems for remote on/off and amplifier monitoring.

Network monitoring and control models feature continuous load monitoring, comprehensive error reporting, pilot tone monitoring, and programmable General Purpose Input/Output (GPIO) parts.

When combined with the AudioMaster AudioRouter and the complete line of AudioMaster Speakers, these high-powered amplifiers are a key component in a high performance, industrial public address system.

FEATURES

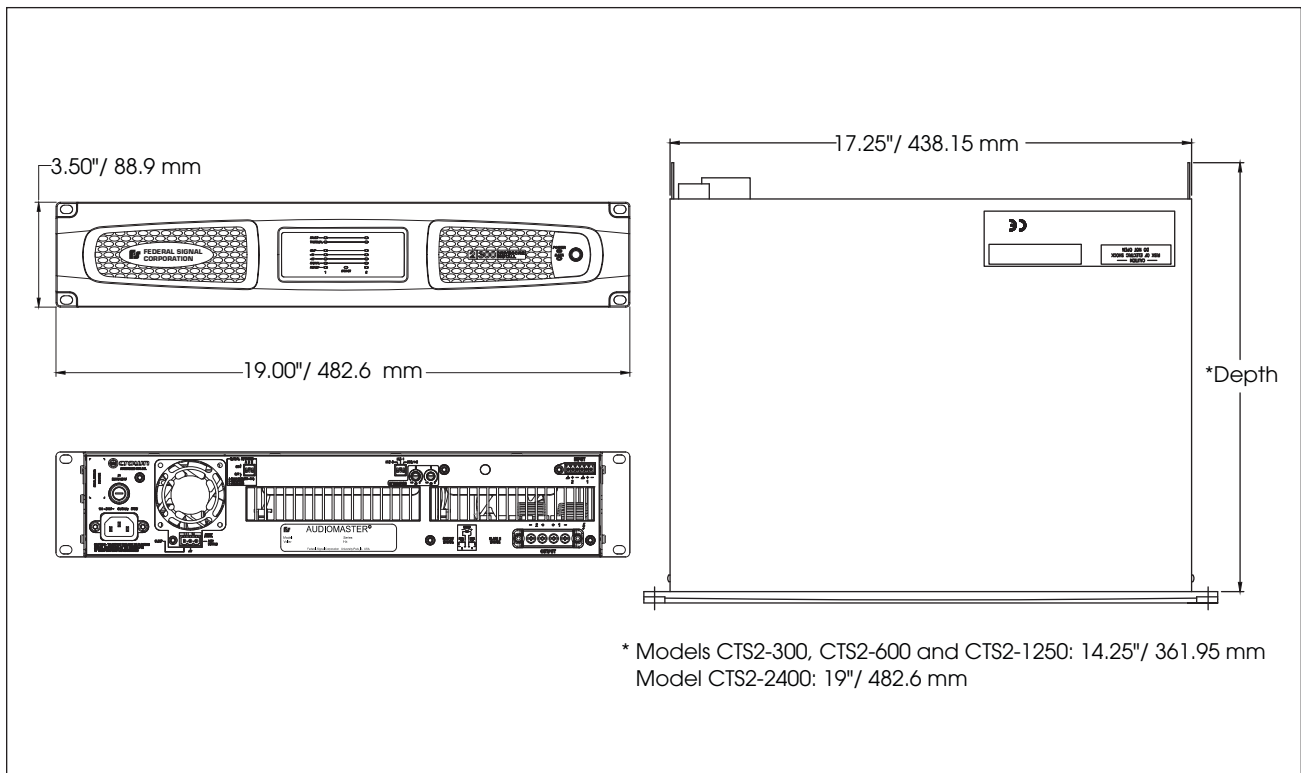
- Available in power ratings of 150, 300, 500, and 1,000 watts per channel
- Two channels
- Selectable dual or mono modes
- In-rush limiting
- Energy efficient
- Dual input sensitivity switches

MODEL	OPERATING POWER	FREQUENCY RESPONSE	OUTPUT POWER
CTS2-300*-120-240	120-240 Vac	±0.25 dB from 20 Hz to 20 kHz at 1 watt	150 watts/channel
CTS2-600*-120-240	120-240 Vac	±0.25 dB from 20 Hz to 20 kHz at 1 watt	300 watts/channel
CTS2-1250*-120-240	120-240 Vac	±0.25 dB from 20 Hz to 20 kHz at 1 watt	500 watts/channel
CTS2-2400N-120-240	120-240 Vac	±0.25 dB from 20 Hz to 20 kHz at 1 watt	1,000 watts/channel

* Include (N) for Network Monitoring model

(Example part number: CTS2-300N-120-240 for Network Monitoring model, CTS2-300-120-240 for standard model)

AudioMaster® Public Address High-Powered Amplifiers (CTS2-300, CTS2-600, CTS2-1250 and CTS2-2400)



S P E C I F I C A T I O N S

Net Weight:

CTS2-300	18.8 lb	8.5 kg
CTS2-600	18.8 lb	8.5 kg
CTS2-1250	23.5 lb	10.7 kg
CTS2-2400	24.0 lb	10.9 kg

Shipping Weight:

CTS2-300	23.8 lb	10.8 kg
CTS2-600	23.8 lb	10.8 kg
CTS2-1250	28.5 lb	12.9 kg
CTS2-2400	29.0 lb	13.2 kg

Dimensions (all models):

Height:	3.5"	88.9 mm
Width:	19.0"	482.6 mm
Depth:	14.25"	361.95 mm
Depth (Model CTS2-2400)	19.0"	482.6 mm

H O W T O O R D E R

