

# Public Address High-Powered Amplifiers



Models CTS600, CTS1200,  
CTS2000, CTS3000

## PUBLIC ADDRESS FOR INDUSTRIAL ENVIRONMENTS

- Available in power ratings of 600, 1200, 2000, and 3000 watts
- Two channels
- Selectable dual or mono modes
- In-rush limiting
- Energy efficient
- Integrated coding system
- Dual input sensitivity switches
- ETL Listed

The Federal Signal line of high-powered audio amplifiers provides the flexibility, quality, and performance required in an industrial public address system. AudioMaster® amplifiers are available in four different power ratings from 600 watts to 3000 watts. Each output channel can be independently configured to drive either the step-down transformers in a distributed "constant-voltage" loudspeaker system (70-volt mode) or a system of loudspeakers that do not require step-down transformers (8/4 ohm mode). Additionally, the Models CTS2000 and CTS3000 can operate in 100-volt mode. The 70-volt and 100-volt outputs eliminate the need for step-up transformers, which can create distortion and cause insertion loss.

The quality of AudioMaster amplifiers is apparent in the noise-free, crystal clear highs and lows they reproduce. The grounded bridge design of the CTS series provides for less distortion and thermal stress, and a simpler, more reliable power supply than found in typical stepped "linear" output systems.

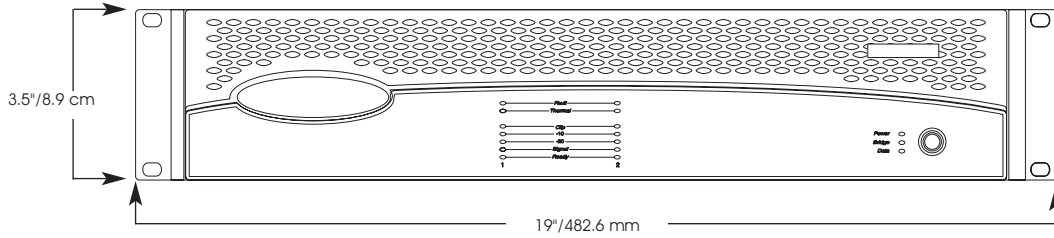
AudioMaster amplifiers consume significantly less power per watt than typical central amplifiers and reduce long term operating costs. A unique soft-start circuit and a four second pseudo-random turn-on delay minimizes inrush currents and eliminates the need for power sequencers.

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.

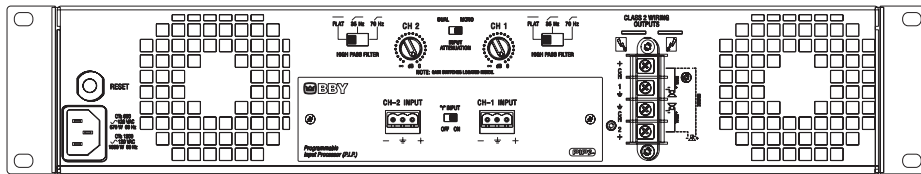
Model	Operating Power	Frequency Response	Output Power
CTS600	120VAC	±0.25dB from 20Hz to 20Khz at 1 watt	600-watts
CTS1200	120VAC	±0.25dB from 20Hz to 20Khz at 1 watt	1200-watts
CTS2000	120VAC	±0.25dB from 20Hz to 20Khz at 1 watt	2000-watts
CTS3000	120VAC	±0.25dB from 20Hz to 20Khz at 1 watt	3000-watts



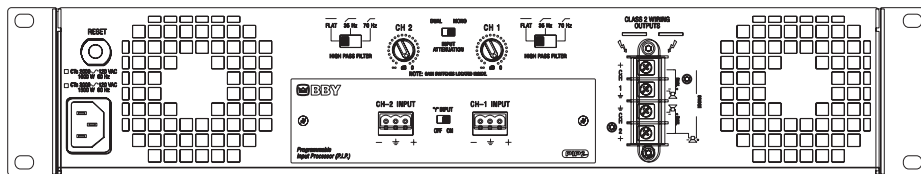
## AMPLIFIERS (CTS600/CTS1200/CTS2000/CTS3000)



**CTS600, CTS1200, CTS2000, CTS3000 - front**



**CTS600, CTS1200 - back**



**CTS2000, CTS3000 - back**

### SPECIFICATIONS

#### Net Weight:

CTS600	23.0 lbs.	11.3 kg
CTS1200	23.0 lbs.	11.3 kg
CTS2000	27.0 lbs.	12.2 kg
CTS3000	27.0 lbs.	12.2 kg

#### Shipping Weight:

CTS600	29.5 lbs.	13.4 kg
CTS1200	29.5 lbs.	13.4 kg
CTS2000	36.2 lbs.	16.4 kg
CTS3000	36.2 lbs.	16.4 kg

#### Dimensions (all models):

Height:	3.5"	8.9 cm
Width:	19.0"	48.3 cm
Depth:	14.21"	36.1 mm

### HOW TO ORDER

- Specify model number
- 240VAC models can be special ordered from the factory.
- Please refer to Model Number Index CTS600/CTS1200/CTS2000/CTS3000 beginning on page 380