



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 watt
- 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 watt to 3000 watt. 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.

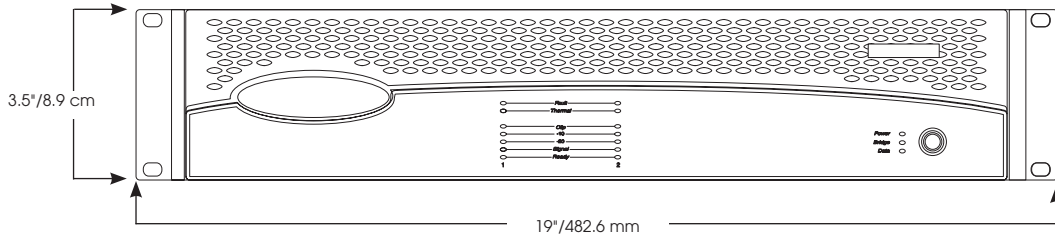
AudioMaster amplifiers consume significantly less power per watt than typical central amplifiers and reduce long term operating costs. A unique soft-start circuit and a four second pseudo-random turn-on delay minimizes inrush currents and eliminates the need for power sequencers.

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.

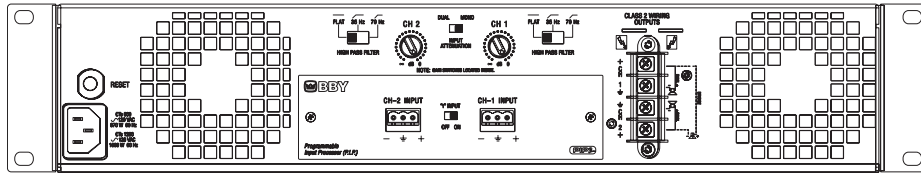
| Model | Operating Power | Frequency Response | Output Power |
|---------|-----------------|--------------------------------------|--------------|
| CTS600 | 120VAC | ±0.25dB from 20Hz to 20Khz at 1 watt | 600 watt |
| CTS1200 | 120VAC | ±0.25dB from 20Hz to 20Khz at 1 watt | 1200 watt |
| CTS2000 |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



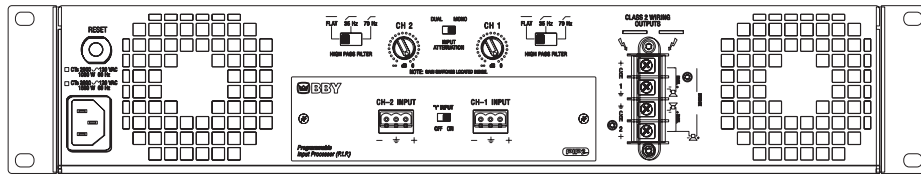
AMPLIFIERS (CTS600/CTS1200/CTS2000/CTS3000)



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 376