



AURORA AUDIO INTERNATIONAL

1518 NORTH CAHUENGA BOULEVARD
HOLLYWOOD, CA90028

EMAIL: Info@auroraaudio.net
Web Site: <http://www.auroraaudio.net>

Telephone: 323 462 6136
Fax : 323 462 6137

GT8 x 2 Instruction Sheet

Introduction:

Well done for purchasing a hand-built, eight channel, two bus *Absolute* line mixer. The *Absolute* line of small mixers differs from our normal Class A discrete transistor products because we don't want these mixers to add any artifacts to the sound of the GTM822. We want the sound to be as pure as possible... hence the term *Absolute*.

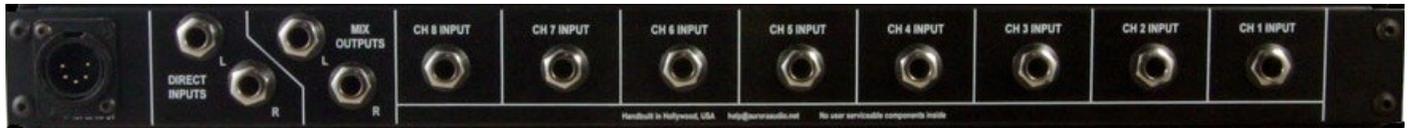
Unpacking Instructions:

Carefully remove the unit from the custom foam packing. The power supply works from any ac voltage from 85 volts to 240 volts, 50 and 60Hz.

Operating Guide:

The mixer has electronically balanced line level inputs and outputs. The channels have approximately 10dB level in hand (gain) in their red input level knobs.

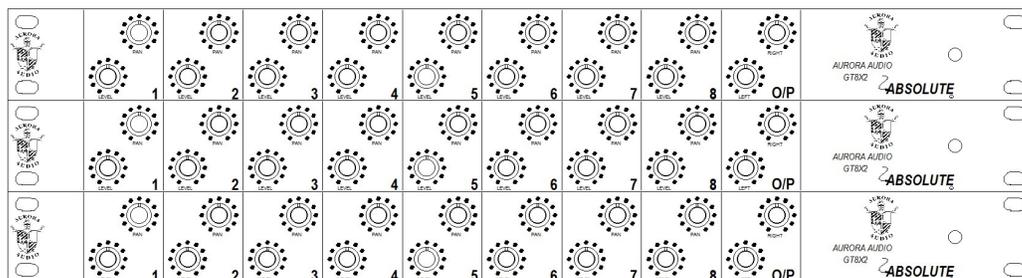
The blue output knobs are 0dB gain at full clockwise rotation.



All connections are electronically balanced and are via TRS 1/4" jack sockets. There are also two unity gain DIRECT INPUTS to the stereo bus that are used when cascading two or more GT8 x 2 *Absolute* line mixers to make 16, 24, 32, etc., channels. The MIX OUTPUT of one unit plugs into the DIRECT INPUT of the next. All output knobs, except those for Channels 1 – 8 are set at maximum.

The normal application of the GT8 x 2 *Absolute* line mixer is to return the eight outputs of the GT8 x 8 *Absolute* line mixer, post whatever effect is used, to the Stereo Effects Return input path of the GTM822 that feeds the stereo busses via a level pot and cut switch. The GT8 x 2 *Absolute* line mixer can also be used to expand the number of input channels to the GTM822, albeit with just level and pan controls, or the GT8 x 2 *Absolute* line mixer can be used as a "stand-alone" mixer....

E.G. a 24 channel x 2 O/P mixer will fit in 19" x 3U.



Specifications:

Channels:

- Gain = +10dB
- Input Impedance = 18Kohms (electronically balanced)
- Common Mode Rejection Ratio = 50dB @ 60Hz
- Slew Rate = 12 volts per microseconds
- Input Headroom = > 26dB

Outputs:

- Gain = 0dB
- Output Impedance = 50 ohms (electronically balanced)
- Common Mode Rejection Ratio = 65dB @ 1KHz
- Frequency Response = 20Hz to 20KHz \pm 0.5dB
- Noise = < -75dBu (Weighted 20Hz to 20KHz)
- Crosstalk = < -65dB @ 1KHz
- Headroom = > 26dB

Power Supply:

- Input Voltage = 85v to 250v ac, 50/60Hz
- Power = < 20 watts

Warranty: ONE YEAR PARTS AND LABOR LIMITED WARRANTY

Aurora Audio International warrants this *Absolute* unit against defects in workmanship for a period of one year and parts for a period of one year from receipt by the original end user. This warranty shall not apply to damage resulting from misuse including water damage, in-transit damage, fire damage, improper maintenance, dropping the unit and operation or storage outside the environmental specification for the product.

Do not try to repair this *Absolute*. Only qualified Aurora Audio International technicians are authorized to repair this unit. WARRANTY VOID IF CASE IS OPENED

Aurora Audio, 1518 North Cahuenga Boulevard, Hollywood CA90028

Phone +1 323 462 6136 **Fax** +1 323 462 6137

Email info@auroraaudio.net **Web URL** www.auroraaudio.net