

**WARNING:** THE MINIMUM SPEAKER IMPEDANCE IS 4 OHMS EACH.

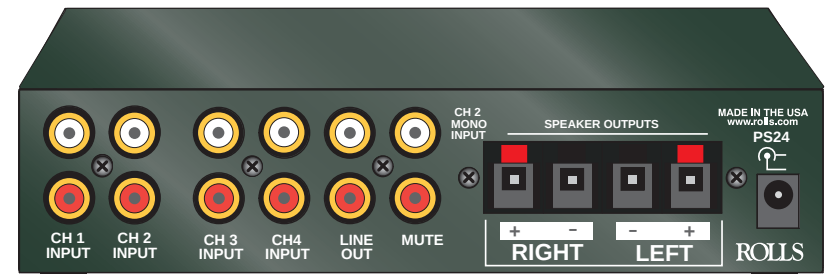
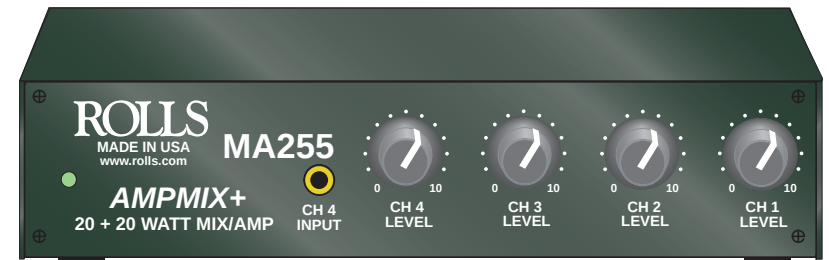
IF YOU CONNECT AND USE THE MA255 WITH A LOWER SPEAKER IMPEDANCE THAN LISTED ABOVE YOU WILL DAMAGE THE UNIT AND POSSIBLY OTHER EQUIPMENT THAT IS CONNECTED TO THE MA255.

## SPECIFICATIONS:

|                         |                       |
|-------------------------|-----------------------|
| Line Input Impedance:   | 10K Ohms              |
| Power Output:           | 20 Watts X 2 (4 Ohms) |
| Voltage Gain:           | 30 dB Line            |
| Maximum Supply Voltage: | 24 VDC                |
| THD:                    | .05% typical          |
| EIN:                    | 3 mV                  |
| Efficiency:             | 85%                   |
| Input Sensitivity:      | 28 mV                 |
| Bandwidth:              | 20Hz - 25 kHz +/- 3dB |
| +Size:                  | 6.75" x 3.5" x 1.5"   |
| Weight:                 | 1 lb.                 |

# ROLLS MA255

20 + 20 watt  
Mixer/Amplifier



- RCA Inputs for all channels, and Channel 4 - 3.5mm stereo input on the front panel.
- Volume controls for each Channel
- Low noise, efficient operation
- Small compact size
- Class D high efficiency amp

The MA255 is a very compact 20 + 20 watt high efficiency amp with a four channel stereo mixer built in. Left and Right stereo speaker outputs. The unit is perfect for small speakers in small environments. Great for in ceiling and projector applications where small size is needed along with class D low radiated heat locations.

## Connection guide

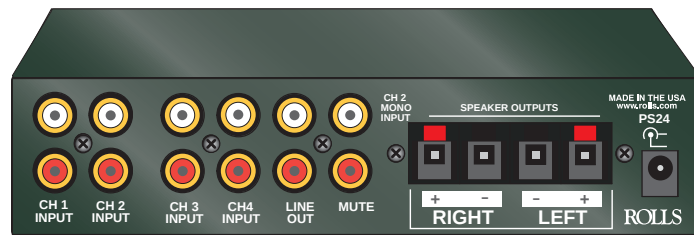
Thank you for your purchase of the MA255. The MA255 is a four channel mixer/ amplifier designed for Audio and Visual applications. Channel 1-4 have RCA stereo inputs and channel 4 has a 3.5mm stereo input. The MA255 is intended for professional applications. It has a FR4(V94-0) rated glass epoxy circuit board, and a powder coated steel chassis. All inputs are stereo. Outputs for Speaker and Line are true stereo.

INSPECTION / WARRANTY

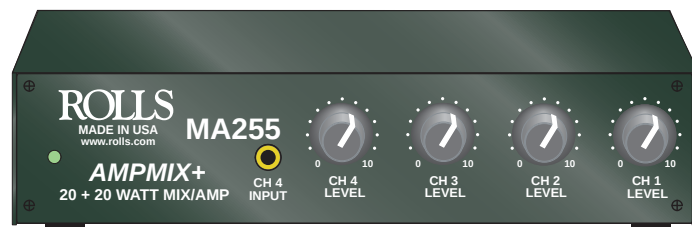
1. Unpack and inspect the MA255 box and package. If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.
2. Please visit our web site at [www.rolls.com](http://www.rolls.com) and click on the Register Your Warranty Here button.

## REAR PANEL

**MUTE JACK:** By shorting out the RCA jack labeled MUTE, the Speaker Outputs will be muted.



**3.5mm JACK:** For connection to an ipod, MP3 player or computer TRS Stereo (left, right and ground) connection to channel 4.



LINE OUT: Stereo RCA jacks for connection to a mixer or amplification device.

To operate the MA255, properly connect cords from the sources to be mixed (cassette decks, CD players, etc.) into the channel inputs. Connect the speaker outputs to 4 Ohm or higher impedance speakers. Adjust the channel level controls for the desired volume.