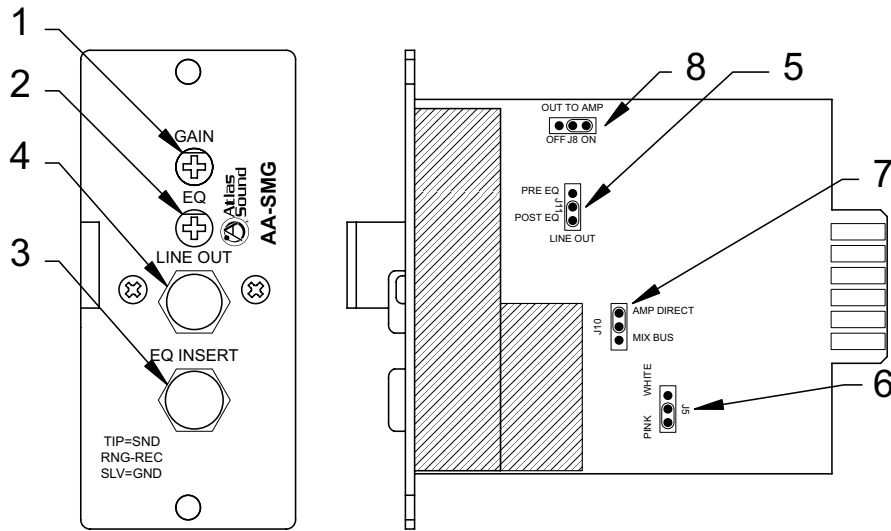


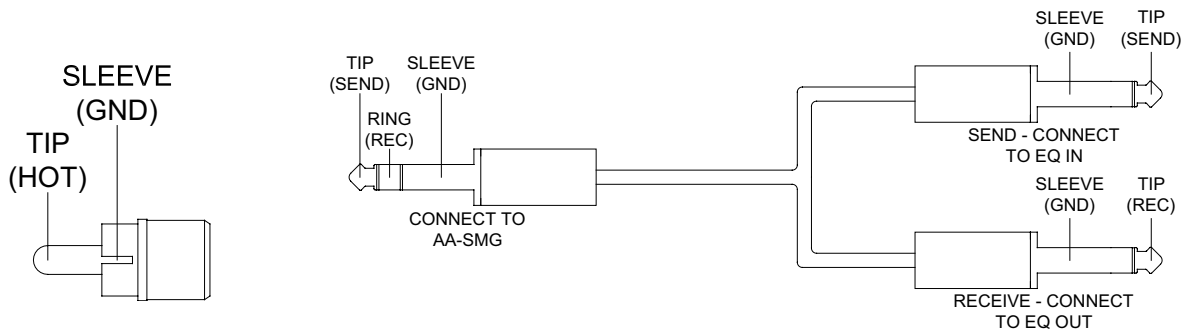
# AA-SMG

## Sound Masking Module



### Installation

1. Select White or Pink Noise (jumper J6)
2. Select Amp Direct or Mix Bus operation (jumper J7).
3. Turn the module gain pot down counter clockwise (Left direction).
4. Turn EQ pot clockwise (Right direction).
5. Turn the AA120M power switch OFF.
6. Carefully inset the AA-SMG module into the card guider rails. Push until card is seated and the panels are flush. Secure with screws.
7. Select the AA120M input module mode, switch #5 located on the rear panel of the amp.
8. Turn all levels down on amplifier. Note if the module is in Amp Direct mode, the only level control you have for masking is the Gain pot on the AA-SMG. The Master and Input 6 levels on the AA120M are bypassed. All other channels operate normally.
9. Turn the amp ON. You should hear either White or Pink noise.
10. Whenever connecting the line out or insert jack, always turn OFF the AA120M prior to connection.
11. Tune the system as needed.

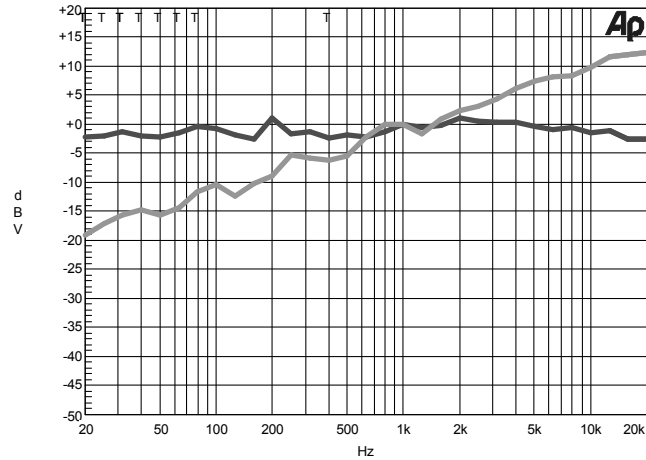


# AA-SMG

## Sound Masking Module for AA Series Model AA120M

### Graph #1

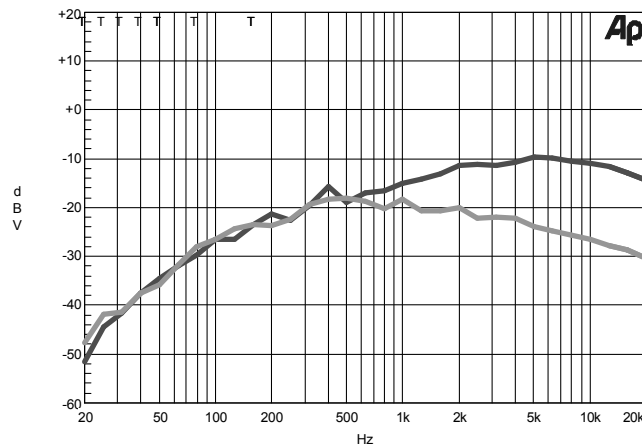
AA- SMG Line Out Pre EQ, Pink vs White



This graph illustrates the comparison of the Line Out White Noise vs. Pink Noise with no EQ bypassed.

### Graph #2

AA- SMG R4 70v Tap, White with EQ in/out



This graph shows the 70.7V tap output waveform of the AA120M with the AA-SMG in White Noise mode. The graph comparison is indicating the EQ trim engaged (Counterclockwise) or disengaged (Clockwise). Note: This graph also indicates the bandwidth of the AA-SMG through the AA120M amplifier and 70.7V transformer.

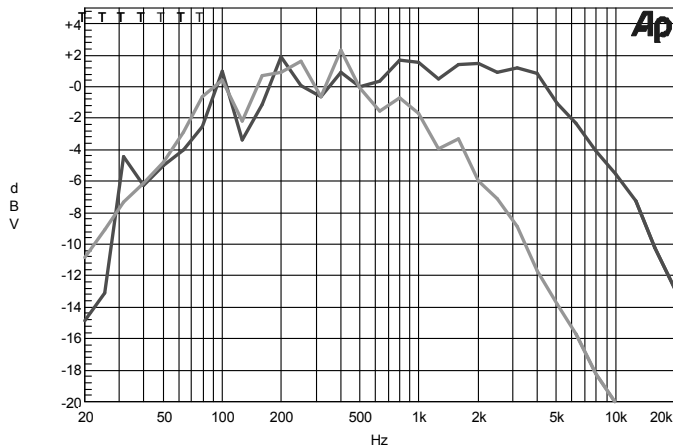
©2012 Atlas Sound L.P. All rights reserved. Atlas Sound is a trademark of Atlas Sound L.P. All other trademarks are the property of their respective owners. All specs are subject to change without notice. AT5004330 RevA 5/12

# AA-SMG

## Sound Masking Module for AA Series Model AA120M

**Graph #3**

AA- SMG R4 70v Tap, Pink with EQ in/out



This graph shows the 70.7V tap output waveform of the AA120M with the AA-SMG in Pink Noise mode. The graph comparison is indicating the EQ trim engaged (Counterclockwise) or disengaged (Clockwise). Note: This graph also indicates the bandwidth of the AA-SMG through the AA120M amplifier and 70v transformer.

**AA-SMG Specifications:**

**Filter Selection:** White, Pink Noise

**Gain Controls:** 70.7V output AA120, 1V minimum – 30V maximum

**Input Connection:** EQ insert via TRS ¼" jack.

**Line Output:** RCA Unbalanced, Pre EQ fixed 300mV, Post EQ variable 60mV – 1.4V

**EQ Control:** Variable Low Cut 1kHz – 7kHz, defeatable on Line Out

**Supply Voltage:** 24VDC, 30 mA internally derived from AA120M amplifier

**Panel Finish:** Silver

**Weight:** 1.38" (35mm)

**Height:** 3" (78mm)

3" (78mm)