

SYSTEM/MODEL: AP-M

MODIFICATION: Background music through an AP-M system

DIFFICULTY LEVEL: 4 - Moderate/hard - Internal connection or component addition.

COMPONENTS REQUIRED

1. BG-10C: BGM adapter
2. PS-12F: 12V DC, 2.5A power supply
3. RY-PA: 12V DC relay
4. NP-25V: One per sub requiring background music, plus one for the "E" terminal.
5. BGM source

INSTR/OPERATIONS Connect equipment according to following drawing.

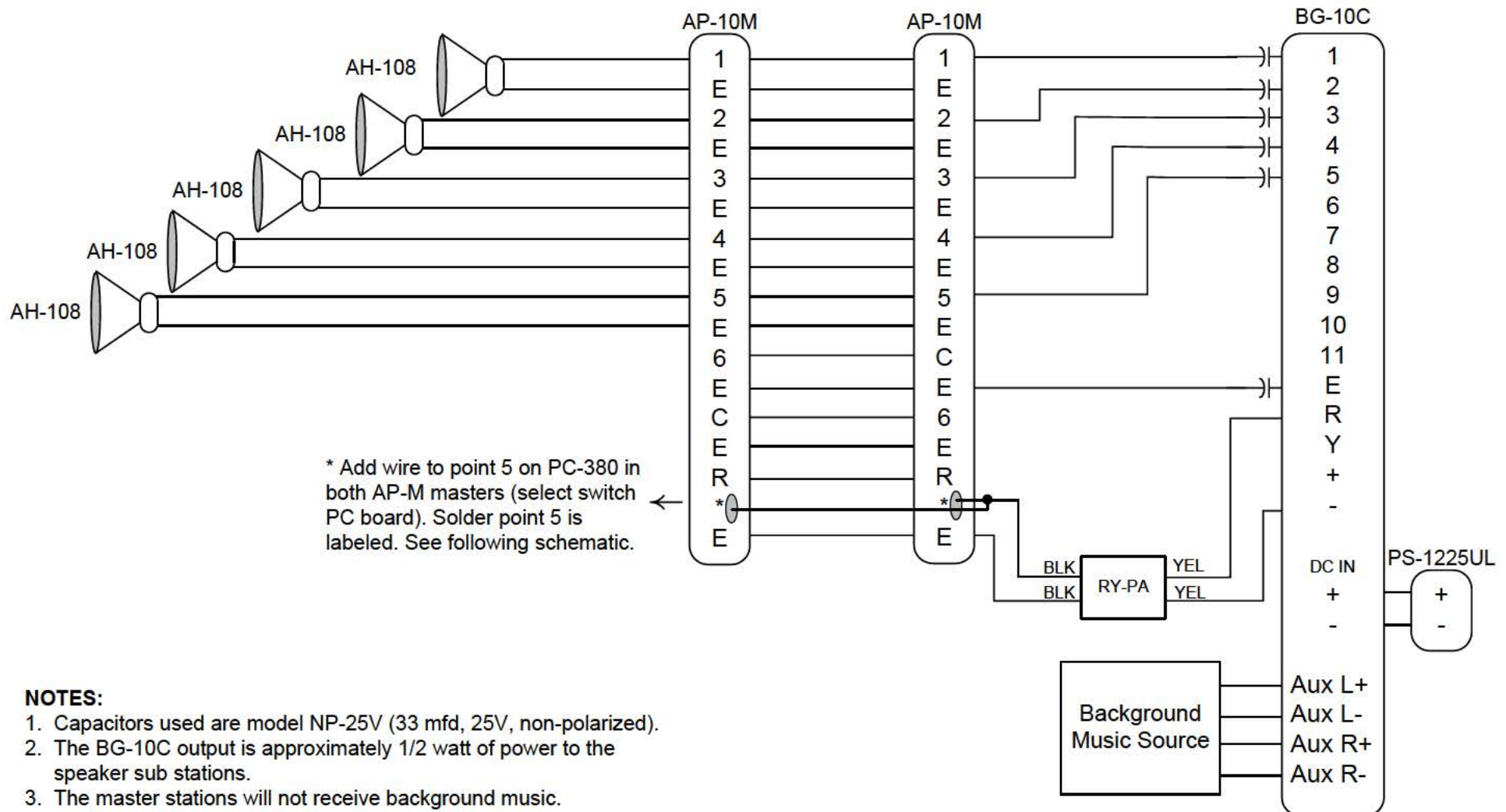
Music will mute to all stations when the master activates any station.

REFERENCE DRAWING #: 0698-017, 381-017

Aiphone's product warranty applies to products properly modified using these instructions.
However, if a unit is damaged as a result of improper modification, the warranty does not apply.

MODIFICATION INSTRUCTIONS

AP-10M WITH BACKGROUND MUSIC USING THE BG-10C



NOTES:

1. Capacitors used are model NP-25V (33 mfd, 25V, non-polarized).
2. The BG-10C output is approximately 1/2 watt of power to the speaker sub stations.
3. The master stations will not receive background music.
4. If the volume on the BG-10C is turned up too loud, distortion may occur, or the LED's may illuminate on the master station.

Drawing Name: 017-APM-BGM inpt
 Drawing # 0698-017
 Schematic #381-017

BACKGROUND MUSIC THROUGH AN AP-M SYSTEM

AP-10M Schematic Diagram

Connect BLACK of RY-PA to point 5 on PC-380.

