
Fabaflasher II

Installation and Service Manual

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Fabaflasher II

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Fabaflasher II Installation Instructions For BayCom Audio

The remote flasher/call tone circuit board is assembled on a stainless steel plate. The stainless steel plate is designed to mount on the trade standard 4" square electrical box supplied with the kit. The stainless plate is 1" larger than the electrical box so that it will trim out an opening in the ceiling or wall. **NOTE: The power for the flasher is 24VAC and is supplied from a UL Listed Class II power supply. The wiring should be done in a manner acceptable to all authorities having jurisdiction.**

1. Begin by removing the power cord from either the back, or the inside, of the console. Remove the 4 screws, or loosen the thumbscrew, that secures the top of the console to the bottom. There is a duplex audio board inside the console. Press the locking tab and slide the 24 position plastic connector out of the mating connector housing on the circuit board.
2. There is a 50' signal cable supplied with the kit. The end with the black plastic connector housing plugs into the circuit board header marked J3. The opposite end has metal connectors crimped onto them. The metal connector ends are to be inserted into the 24 position connector disassembled in step 1. Insert the **WHITE W/BLACK STRIPE** wire of the flasher into position 23. Insert the **BLACK** wire into position 16. (See FIG. 1 diagram on page 2.) Note that the metal connector ends are square. On one side there is a locking tab. The side with the locking tab goes into the side of the 24 position plastic connector housing, which has two rectangular windows in it per position. When the metal connector ends are properly inserted into the plastic connector housing, the locking tabs will be in the window away from the wire end of the housing. The insulation of the wire will appear in the window closest to the wire. The wire will not pull out of the housing after it is properly installed.
3. Plug the power cord back into the jack of the console and reassemble.
4. There is also a 50' power cable supplied with the kit. The wires are colored black & red. Both ends have black plastic connectors. One end plugs into the circuit board header marked J2. The other end plugs into the mating connector on the transformer lead. The transformer must be plugged into a 24-hour outlet.
5. Press the call button. The call tone and LED stay on while the button is depressed. After the button is released, the buzzer stays on for an additional length of time. This amount of time is adjustable for the tone from 5 to 15 seconds, and for the LED from 20 to 60 seconds. This adjustment is on the back of the circuit board and labeled for each pot. The loudness of the buzzer is adjustable via a "shutter" type volume control on the face of the buzzer. The board will have to be removed from the electrical box for adjustment of the timers.

Please give us a call at (513) 677-0500 if you need additional assistance.

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Connector Diagram

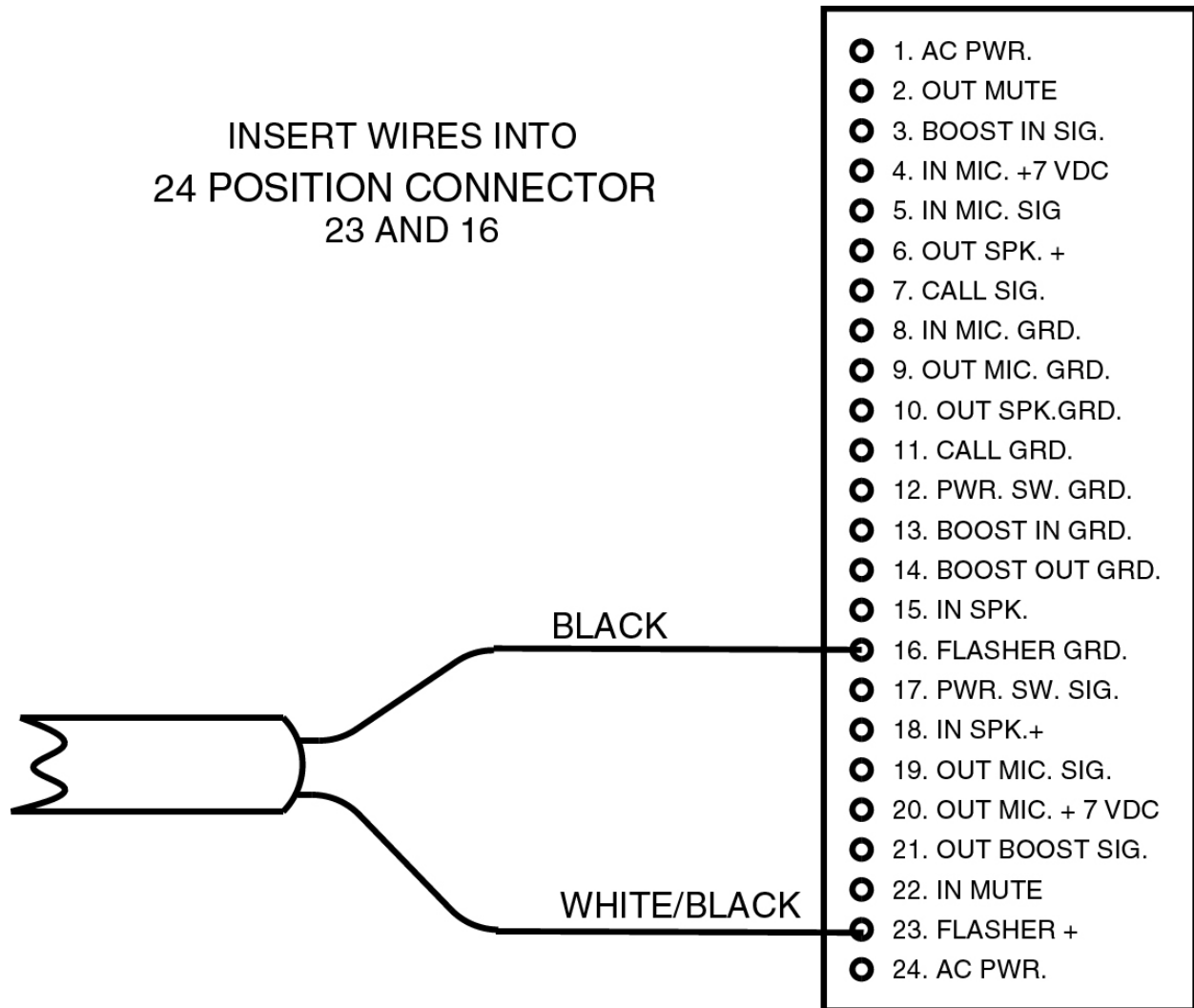


FIG. 1

Fabaflasher II Installation Instructions

For BavSonic Audio

The remote flasher/call tone circuit board is assembled on a stainless steel plate. The stainless steel plate is designed to mount on the trade standard 4" square electrical box supplied with the kit. The stainless plate is 1" larger than the electrical box so that it will trim out an opening in the ceiling or wall. **NOTE: The power for the flasher is 24VAC and is supplied from a UL Listed Class II power supply. The wiring should be done in a manner acceptable to all authorities having jurisdiction.**

1. Begin by removing the power cord from the inside of the console. Loosen the thumbscrew that secures the top of the console to the bottom. There is an audio board inside the console. Press the locking tab on the 4 position connector marked "CALL", and slide it out of the mating connector housing on the circuit board.

2. There is a 50' signal cable supplied with the kit. The end with the black plastic connector housing plugs into the circuit board header marked J3. The opposite end has metal connectors crimped onto them. The metal connector ends are to be inserted into the 4 position connector disassembled in step 1. Insert the **WHITE W/BLACK STRIPE** wire of the flasher into pin position 1. Insert the **BLACK** wire into pin position 4. (See FIG. 2 diagram on page 4.) Note that the metal connector ends are square. On one side there is a locking tab. The side with the locking tab goes into the side of the 4 position plastic connector housing, which has two rectangular windows in it per position. When the metal connector ends are properly inserted into the plastic connector housing, the locking tabs will be in the window away from the wire end of the housing. The insulation of the wire will appear in the window closest to the wire. The wire will not pull out of the housing after it is properly installed.

3. Plug the power cord back into the jack of the console and reassemble.

4. There is also a 50' power cable supplied with the kit. The wires are colored black & red. Both ends have black plastic connectors. One end plugs into the circuit board header marked J2. The other end plugs into the mating connector on the transformer lead. The transformer must be plugged into a 24-hour outlet.

5. Press the call button. The call tone and LED stay on while the button is depressed. After the button is released, the buzzer stays on for an additional length of time. This amount of time is adjustable for the tone from 5 to 15 seconds, and for the LED from 20 to 60 seconds. This adjustment is on the back of the circuit board and labeled for each pot. The loudness of the buzzer is adjustable via a "shutter" type volume control on the face of the buzzer. The board will have to be removed from the electrical box for adjustment of the timers.

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BavSonic One on One Board Diagram

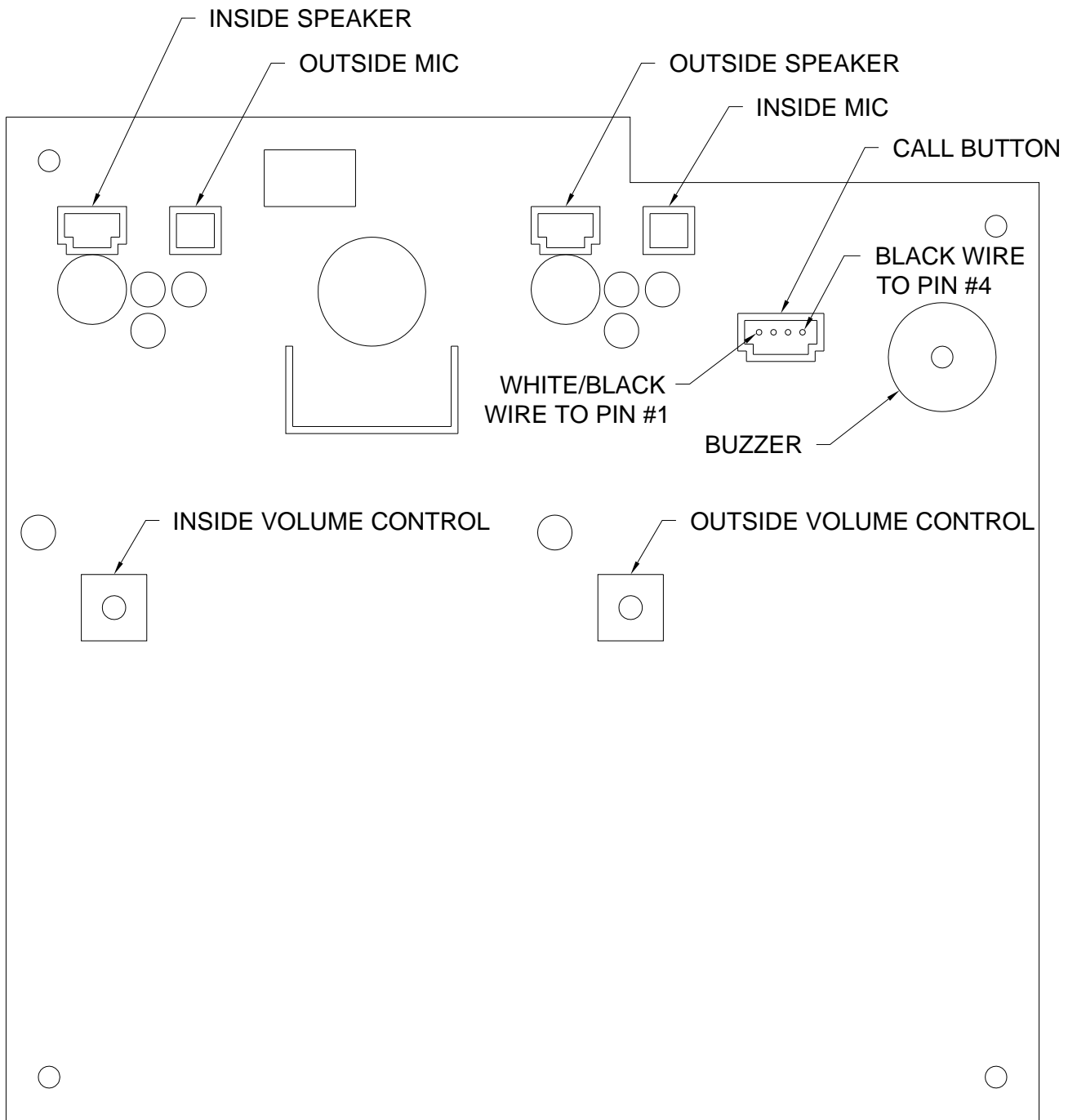


FIG. 2

Fabaflasher Board Diagram

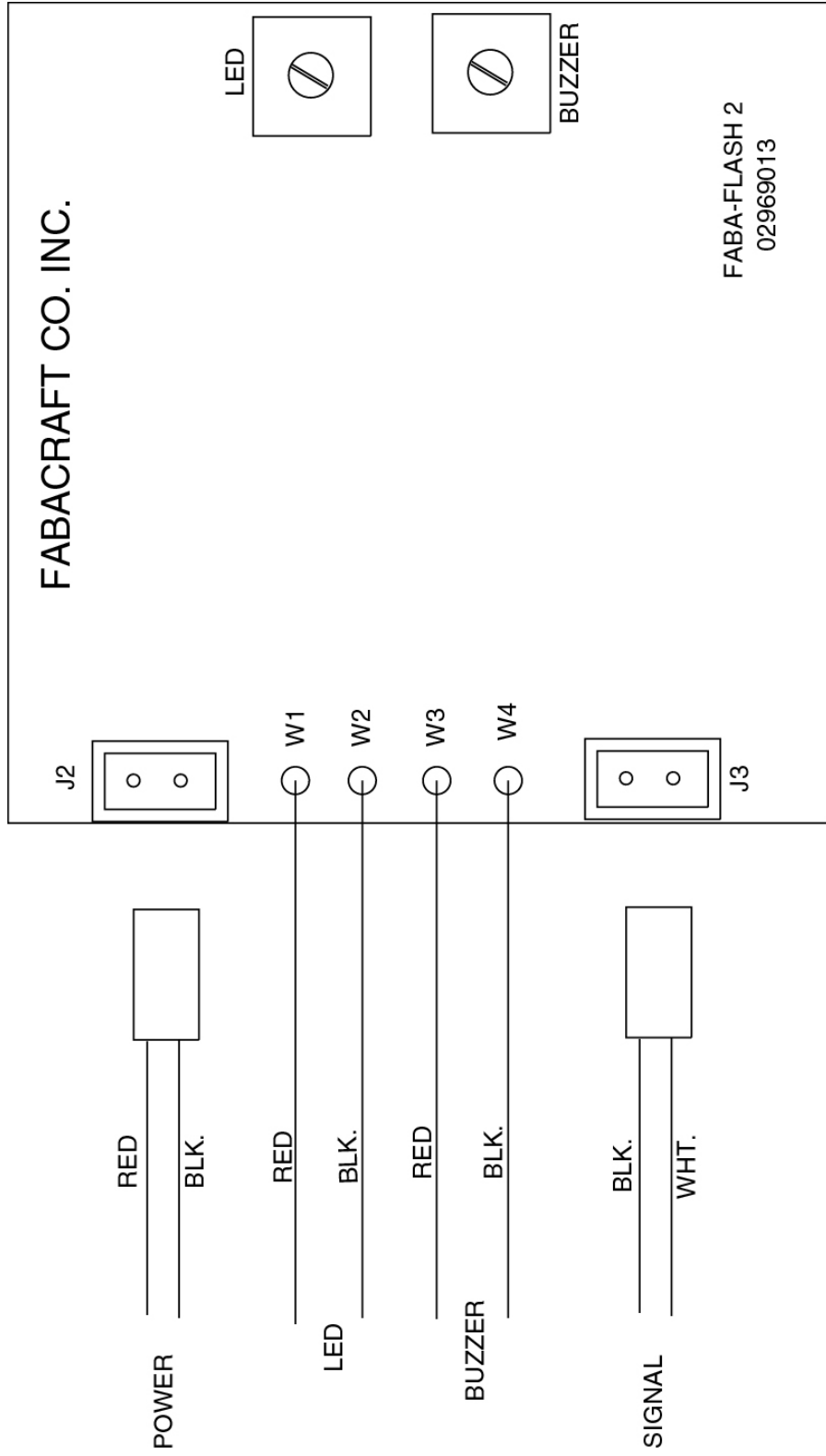


FIG. 3

Installation And Service Tool List For Audio

1/8" And 3/8" Flathead Screwdrivers
#0 And #2 Phillips Screwdrivers
1/16" And 3/32" Allen Wrenches
1/2" Open-End Wrench
1/4", 5/16", 11/32", 3/8", And 1/2" Nut Drivers
Wire Cutters
Wire Strippers
Wire Crimpers
Volt Meter
Electric Drill
Drill Bits
Level
7/8" Unibit
Fish Tape
Loctite

