

Ready2Talk™

PA 63

Installation & Operation Manual



The PA for
ALL your needs.
Today and Tomorrow!

IMPORTANT!

Please read ALL these key points to ensure the proper connection and use of your PA 63. If you have ANY questions, please contact us at 1 888 724-5351 BEFORE proceeding!

The PA 63 is intended to be installed by a professional installer, service mechanic, vehicle manufacturer or dealer. **Do not attempt to install the PA 63 without confirming compatibility with your vehicle manufacturer or authorized dealer.** Failure to do so may cause damage to you, the PA 63, your vehicle electrical system and possibly void your vehicle warranty.

The PA 63 is an amplifier with microphone inputs and is connected between the stereo's output and the vehicle's speakers and is NOT designed to be used with any other amplifiers.

The PA 63 is designed to use speaker loads between 4 and 8 Ohms ONLY! Use of 2 Ohm speaker load will cause excessive heat, 10 Amp fuse to blow and with continued use, cause amplifier failure! (Please refer to required "Speaker Connection Options" on pages 6 to 8)

Although the PA 63 is internally fused, always make ensure your power wires are fused at the power source, to protect the wires from shorts.

If you are not 100% sure about the installation or application of the PA 63 for your needs or vehicle type, please contact us at 1 888 724-5351. We are happy to answer ANY questions!

Ready2Talk (Double E Products Ltd.) is not responsible for any damage caused by misconnection, misuse or abuse of any Ready2Talk products.

Ready2Talk Limited Warranty

2 Year Limited Warranty on all PA Systems

1 Year Limited Warranty on all Cables and Microphones

Now with the important warnings out of the way... the fun stuff.

The PA 63 is the little brother to our popular PA 64 and is a great performing, easy to use PA system with its 4x50 Watts (peak).

Use the PA 63 as a stand-alone PA system or connected to your factory (OEM) stereo, any aftermarket stereo / DVD or an automated announcement system.

The PA 63 can be mounted on any flat surface vertical, horizontal, even upside-down. With the optional front decal, the printing will always be the right way around. We try to think of everything.

Want to hide it away? There is an optional RMK (Remote Mounting Kit) in 5 ft. and 15 ft. lengths.

It is the perfect simple PA system for Vans or Busses for Sightseeing, Shuttle, Transit, School Bus, Church Busses, Retirement Homes, People Movers, Trams, Boats, Trolleys, Snow Cats and Horse Carriages. Did we forget anything? Oh yes... it can also be a replacement PA for many older Highway Coaches.

We even have a wiring option for Multi Trailer Trams so you can couple or remove trailers without sending your audio system into a tail spin. We also have diagrams for vehicles to meet ADA (Americans with Disabilities Act) and automated announcement or tour systems.

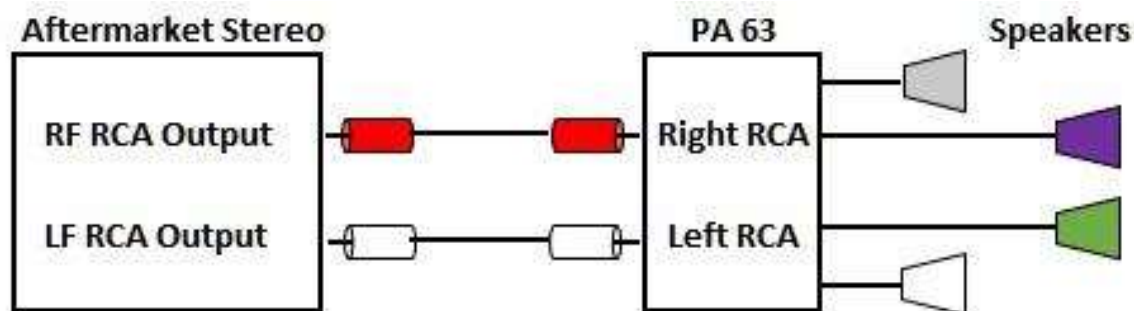
Easy to connect, easy to use and is better sounding than any other PA you've heard before. Finally, you can offer a state-of-the-art PA system that allows your customers to use ANY style of microphone from wired to wireless, hand held to headset.

The PA 63 is the one PA for all your customer's needs. Use it with a hand mic today and a wireless mic tomorrow!

**Thanks again for choosing the Ready2Talk PA 63 and please give us a call if you have ANY questions about connection or operation!
1 888 724-5351**

Stereo Connection Options

Diagram 1 - Connection to Aftermarket Stereo RCA Output

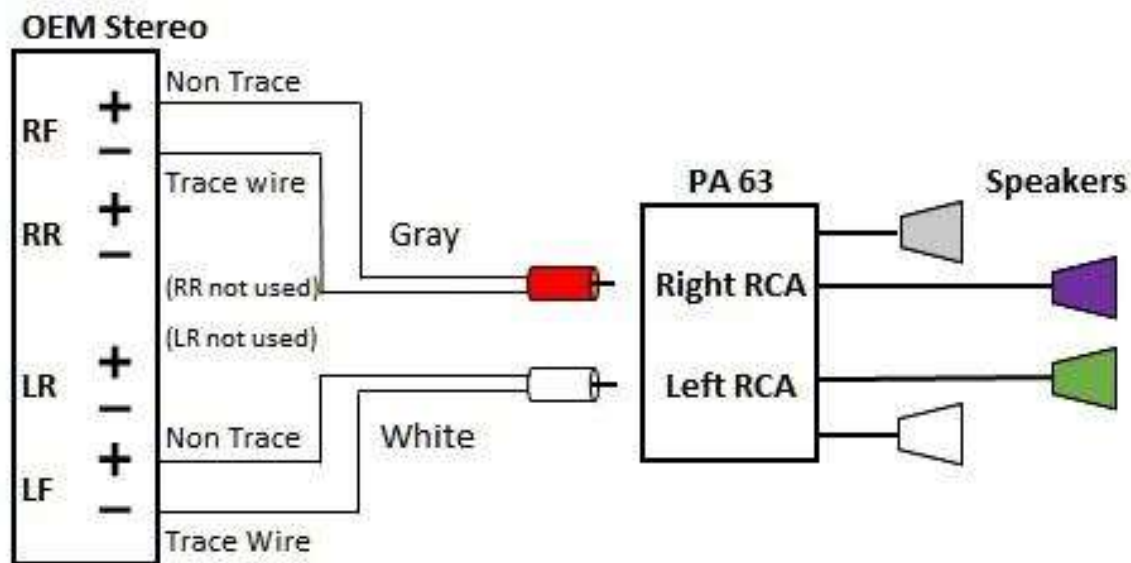


Note: Set Input Switch on PA 63 to “Low”

Note: When using RCA cables the stereo’s speaker wires are not connected to the PA 63 or the speakers, just like an aftermarket amp.

Diagram 2 - Connection to OEM Factory Stereo Speaker Wires

Use RCA to speaker wire pig tails included in the box.



Note: Set Input Switch on PA 63 to “High”

Note: Rear speaker wires from the stereo are not connected

PA 63 Multi Pin Plug Wiring Code

12V + Battery	Yellow
12V + Switched	Red
12V – Ground	Black

Right Front +	Gray
Right Front -	Gray / Black
Left Front +	White
Left Front -	White / Black
Right Rear +	Purple
Right Rear -	Purple / Black
Left Rear +	Green
Left Rear -	Green / Black

Additional Wiring Info

Yellow 12V + Constant power - 10 Amp fuse in the multi wire socket base

Red 12V + Accessory power - Internal automatic re-settable fuse

Acc. Fuse Reset Instructions To reset the onboard Accessory Fuse, unplug the main power plug or turn off the vehicles power for 10 seconds.

Note: Never increase the value of the 10 Amp fuse as damage may occur.

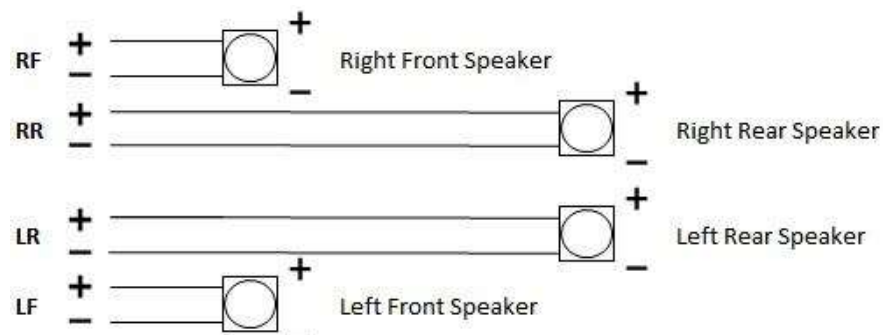
Note: DO NOT EXCEED a 4 – 8 Ohm speaker load! If speaker load is outside intended range (e.g. 2 Ohms), the PA 63 will get hot and blow the 10A power fuse. Please ensure your speakers are not common grounded or connected to the vehicle ground as damage will occur. These two faults are not covered by warranty. When in doubt, please call 1 888 724-5351

Note: All “Speaker Connection Options” are listed below are drawn using 4 Ohm speakers and these diagrams will offer a safe load range from 4 – 8 Ohm to the PA 63 amplifier.

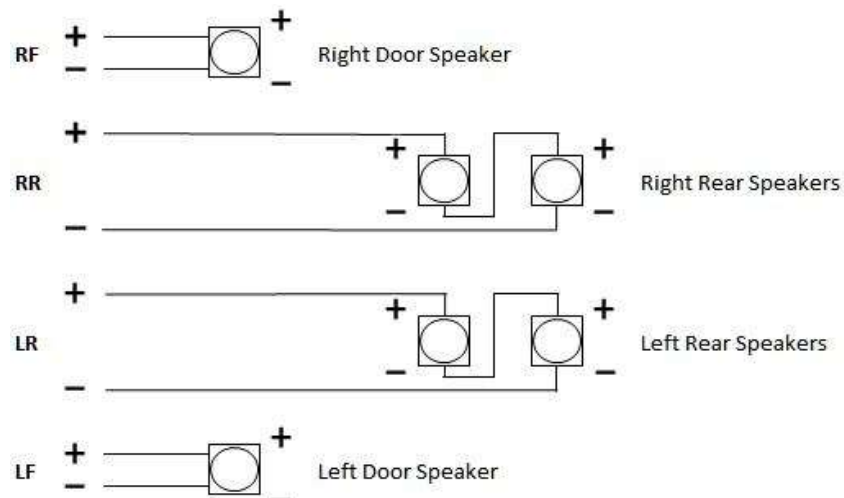
Speaker Connection Options - Using 4 Ohm Speakers

Note: To lower the front speaker output level see, "Fine Adjustment" on page 9

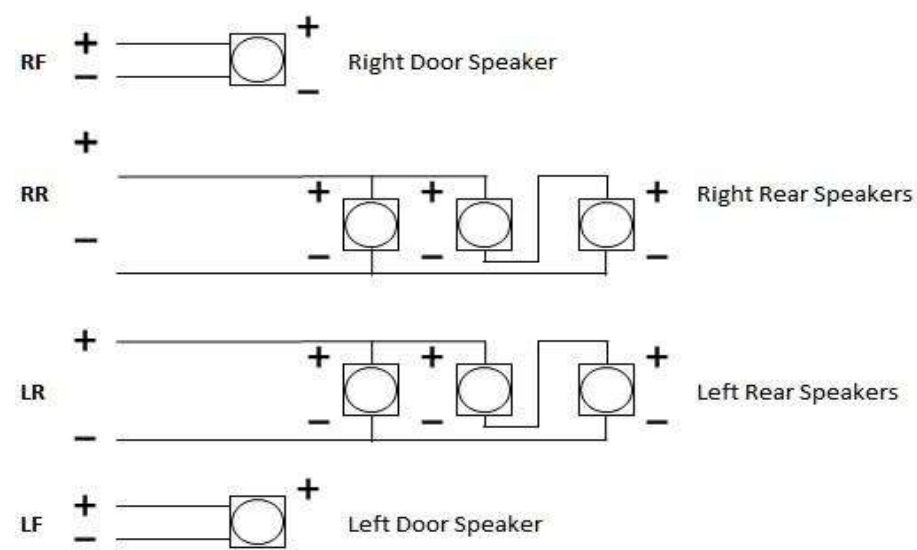
Normal 4 Speaker Option



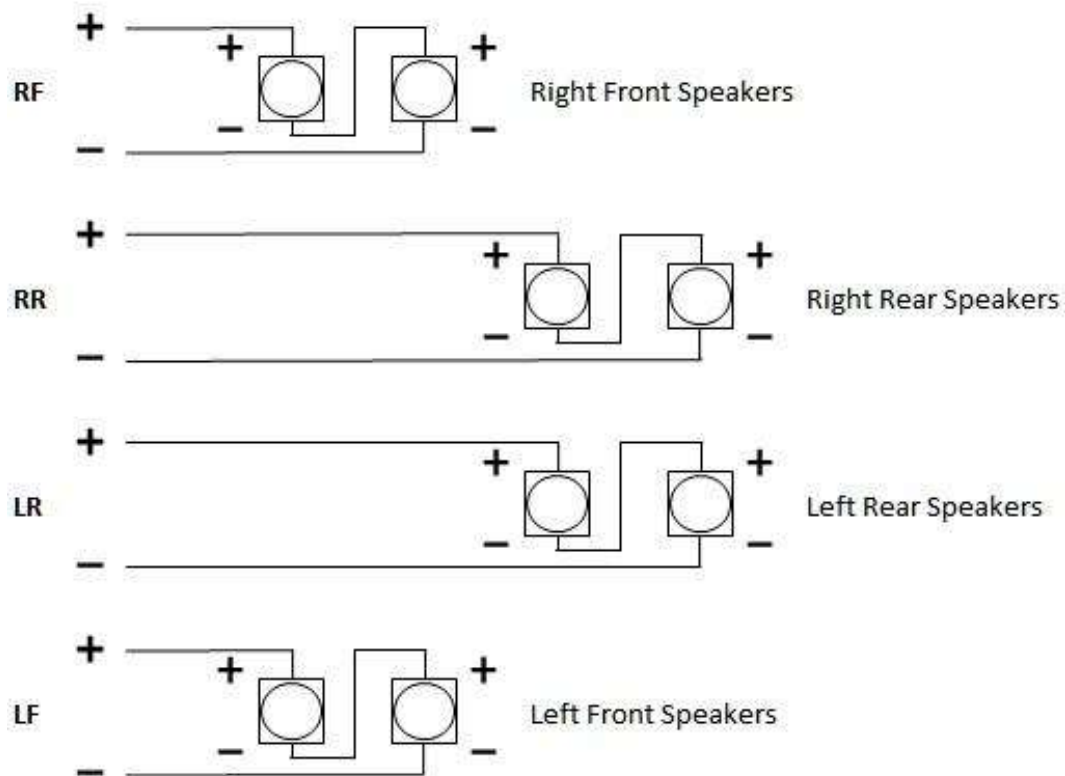
6 Speaker Option with Door Speakers



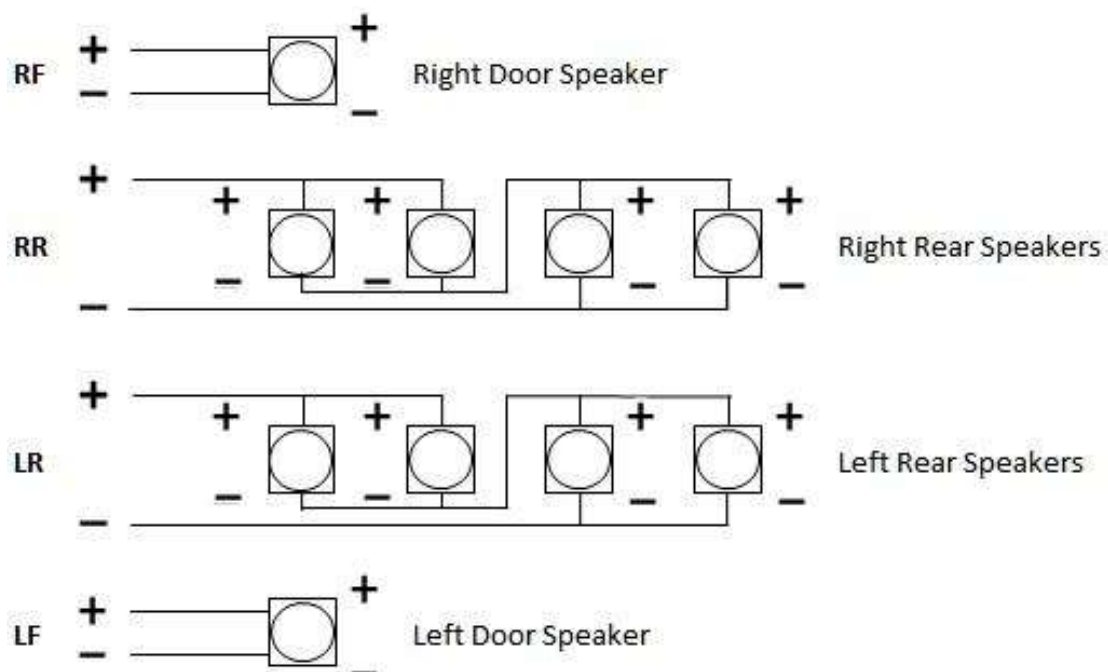
8 Speaker Option with Door Speakers



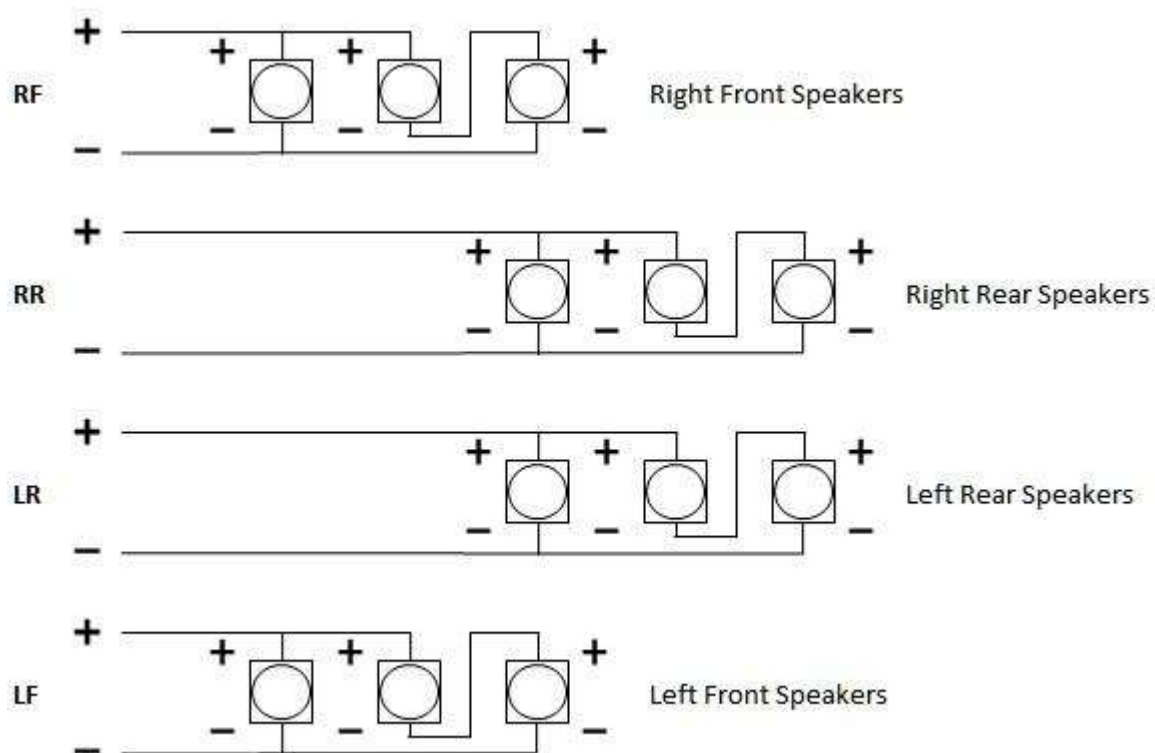
8 Speaker Option



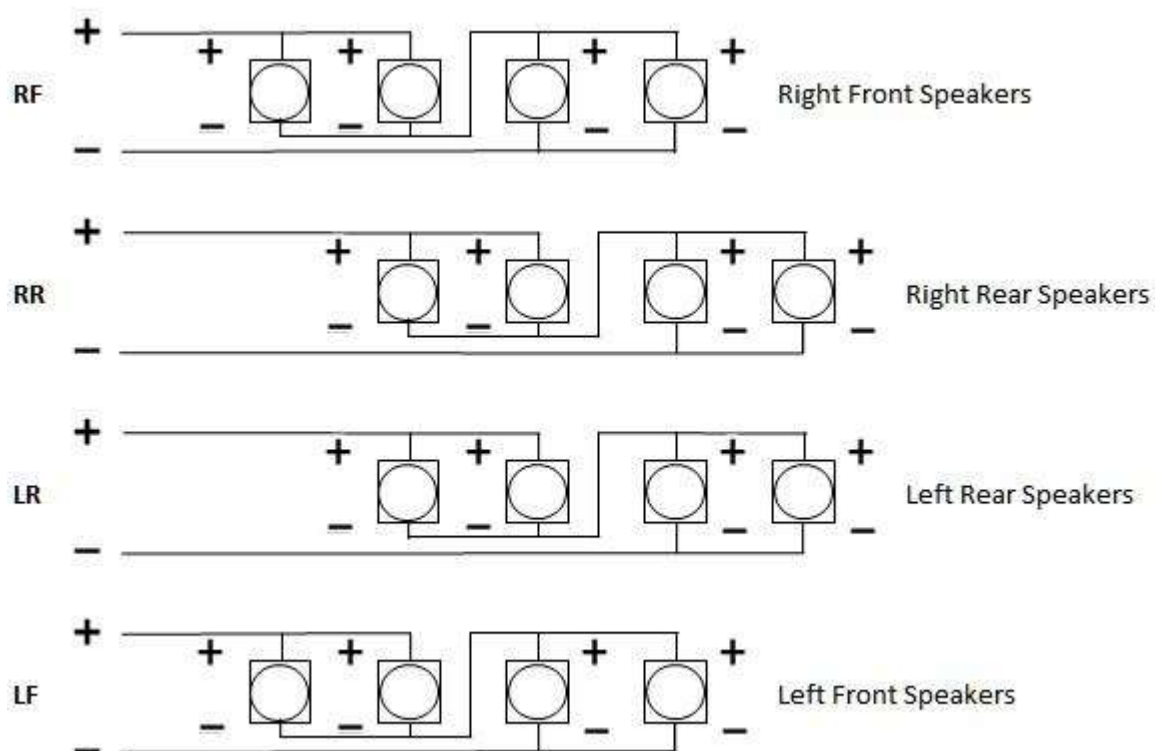
10 Speaker Option with Door Speakers



12 Speaker Option



16 Speaker Option



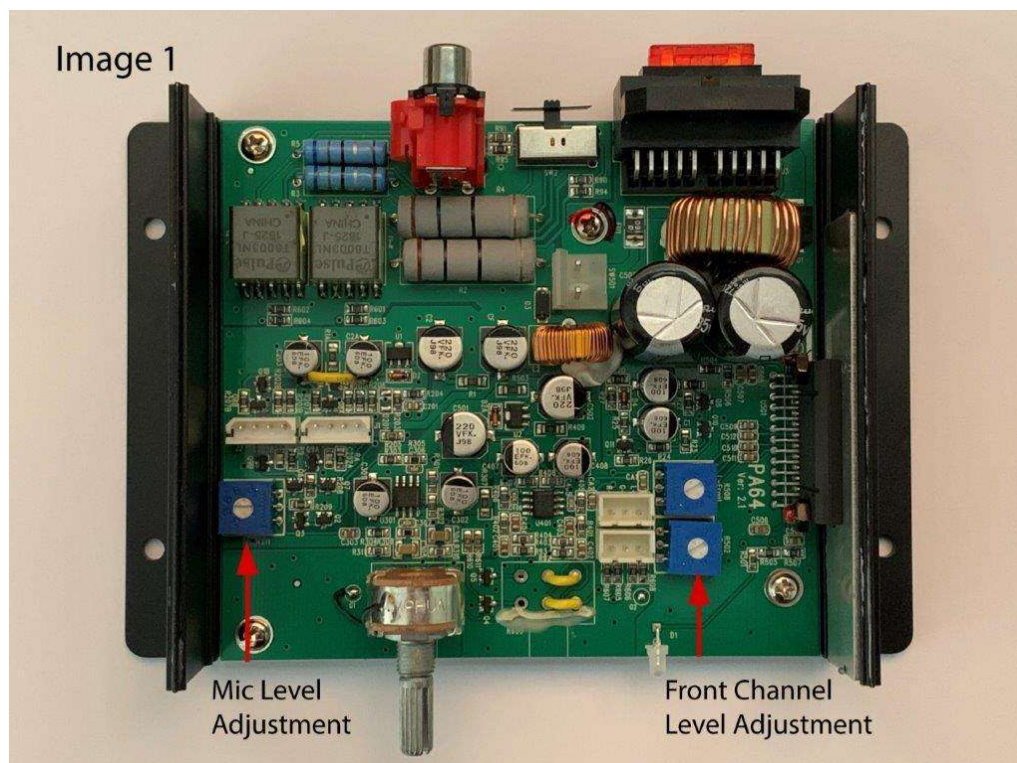
PA 63 Start Up and Initial Testing

1. Connect your microphone to the Mic 1 socket.
2. Turn on the vehicle and the power light will come on,
3. Turn on the microphone and talk into the microphone. Adjust the mic volume with the "Volume" control on the front of the PA 63.
4. Turn off the mic and turn on the stereo, adjust the stereo volume as normal to desired level. Turn on the microphone and the stereo will mute fully. Turn the mic off and the stereo will come back on.

Fine Adjustments - (see Image 1)

Front channel level output: This allows the installer to lower the sound output of the front speakers in relation to the rear speakers. Factory set fully clockwise for full front channel volume, to reduce turn counterclockwise.

Mic level: This allows the fine adjustment is ever required. The factory setting is midpoint, to increase turn the pot clockwise, to reduce turn counterclockwise. Make small adjustments (e.g. 1/8th turn) and then re-test.



Options - Making the PA 63 “the PA system for ALL applications”

Optional Front Decal (Included) Depending on your vehicle, it may be best to mount the PA 63 either vertically or upside down. We have included an additional front label that is reversed which allows the printing to show the correct way.

RME (Remote Mic Extension) A small flush mounted plate with a 4 pin mic socket and 20 ft. cable that connects to the mic socket and offers a remote mic input for hidden installations.

Headset Microphones

HS BT3 Digital Wireless Headset that offers over 30 ft. range with 12 hrs. continuous operation, but charges fully in only 3 hrs. max.

HS 36M Anti-pop / Lightweight but durable condenser headset microphone including inline On/Off switch, with the wire and boom on LEFT side

HS 46M Anti-pop / Same as HS 36M, with the wire and boom on RIGHT side

Hand Microphones

HM BT3 Digital Wireless Hand Mic that offers over 30 ft. range and 12 hrs. continuous operation, but charges fully in only 3 hrs. max.

PHM 6C Anti-pop / Standard Push to Talk hand mic with rubber curly cord

HM 36 C Anti-pop / Durable singers style hand mic with 12 ft. mic cable

Gooseneck Microphone

GN 17C 17” Condenser gooseneck mic with a dual function (latching and momentary on) dash mounted rocker switch

PA 63 Specifications

High Level Input	12VPP (peak to peak)
Low Level Input	450mV – 4V
Microphone Input	100mV
Current Drain (Max)	
12V Constant Power (Yellow Wire)	10Amp
12V Switched Power (Red Wire)	250mA
Total Current Drain at Normal Volumes	2.5Amp
Standby Current Drain (with optional mute board)	30mA
Power Output (Using 4 Ohm Speakers) (RMS)	4 x 50 Watts (Peak) 4 x 22 Watts
Case Measurements (Including Flange)	H 1-5/8" x W 5-5/8" x D 4-1/8" H 42mm x W 143mm x D 105mm
Front Panel Measurements (Without Flange)	H 1-5/8" x W 4-5/8" x D 4-1/8" H 42mm x W 118mm x D 105mm

Manufactured for

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