

Three-Way Bass Reflex Car Speaker System
(120-1725)

Features

Faxback Doc. # 38063

Your Optimus Three-Way Bass Reflex Car Speaker System is designed to give you clean sound with powerful bass. The system is ideal for rear-deck mounting.

To get the best sound from your speakers, please read all of these instructions carefully for the proper wiring and mounting procedures.

BEFORE YOU BEGIN

We recommend that you connect your autosound system to the speakers before you mount them so you can test the speakers and the wire connections. When you verify that everything works properly, turn off your autosound system and mount the speakers.

NOTE: If you are unsure about the following installation process, we recommend that you have a professional install the speakers.

Connect two speakers to your auto sound system as shown.

NOTES:

If your autosound system has a front-to-rear fader, follow the instructions in the audio component's manual for the correct speaker connections.

To ensure proper phasing, match the speaker wires to the corresponding red (+) or black (-) speaker terminals. Improper phasing can cause poor bass response.

CAUTIONS:

Do not connect any of your speaker wires to chassis ground. Use all four wires to connect the speakers to your vehicle's autosound system.

Do not connect four speakers to your car stereo/amplifier unless it is designed for a four speaker connection. See your stereo/amplifier's owner's manual for instructions.

ROUTING SPEAKER WIRE

Avoid routing speaker wire near moving parts or sharp edges. You can usually route it along the wiring channel beneath the vehicle's door facings by carefully removing the molding that holds the carpet in place. After routing the speaker wire, replace the molding.

MOUNTING THE SPEAKERS

After you have connected the speakers and turned on your autosound system to ensure that everything is working properly, turn off your autosound system and mount the speakers.

1. Select a flat area (such as your car's rear deck) for the mounting surface. The surface should be sturdy enough to support the weight of the speakers.
2. Use the speaker cabinet's base as a template to mark the desired

mounting position. Then determine the center of the mounting position.

3. Drill a hole 1/4-inch wide in the center of the mounting position.
4. Attach the bolt to the bottom of the speaker cabinet and secure the bolt using a Phillips screwdriver.
5. Position the speaker cabinet on the mounting surface by inserting the bolt through the drilled hole.
6. Underneath the mounting surface, place the washer over the bolt. Then thread and tighten the wing nut until the speaker cabinet is secure.

Audio Connection Information
 (120-Series)

Plug/Male 2 Ch. System

Faxback Doc.# 19994

Pin No.	WIRE COLOR	WIRE SPECS.	LABEL	REMARK
1	WHT/BLK	AWG #20 2P CORD	FRONT L-	STRIP SOLDER
2	GRY/BLK	"	FRONT R-	"
3				
4				
5	BLACK	AWG 206	GROUND	6.3mm r FORK TERMINAL
6	ORG/WHT *	"	DIMMER	STRIP SOLDER
7	PINK/WHT *	"	PHONE MUTE	"
8	WHITE	AWG #20 2p CORD	FRONT L+	"
9	GRAY	"	FRONT R+	"
10				
11				
12	RED	AWG #20	+12 V TO IGNITION	250/ 1A FUSE & 24M/M TRANS STRIP SOLDER
13	YELLOW	"	+12 V TO BATTERY	250/ 1A FUSE STRIP SOLDER
14	DARK BLUE/ WHITE	"	AMP REMOTE TURN ON 500mA MAX +12 V OUTPUT	WIRE BANDING & TUBE HEATING

* May or may not be present depending on features of individual radios.

(2CH/4CH SWITCHABLE UNIT)

Pin No.	WIRE COLOR	WIRE SPECS.	LABEL	REMARK
1	WHT/BLK	AWG #20 2P CORD	FRONT L-	STRIP SOLDER
2	GRY/BLK	"	FRONT R-	"
3	GRN/BLK	"	REAR L-	"
4	VIO/BLK	"	REAR R-	"
5	BLACK	AWG 206	GROUND	6.3mm r FORK TERMINAL
6	ORG/WHT *	"	DIMMER	STRIP SOLDER
7	PINK/WHT *	"	PHONE MUTE	"
8	WHITE	AWG #20 2p CORD	FRONT L+	"
9	GRAY	"	FRONT R+	"
10	GREEN	"	REAR L+	"
11	VIOLET	"	REAR R+	"
12	RED	AWG #20	+12 V TO IGNITION	250/ 1A FUSE & 24M/M TRANS STRIP SOLDER
13	YELLOW	"	+12 V TO BATTERY	250/ 1A FUSE STRIP SOLDER
14	DARK BLUE/ WHITE	"	AMP REMOTE TURN ON 500mA MAX +12 V OUTPUT	WIRE BANDING & TUBE HEATING

* May or may not be present depending on features of individual radios.

4 Chnl Unit

Pin No.	WIRE COLOR	WIRE SPECS.	LABEL	REMARK
1	WHT/BLK	AWG #20 2P CORD	FRONT L-	STRIP SOLDER
2	GRY/BLK	"	FRONT R-	"
3	GRN/BLK	"	REAR L-	"
4	VIO/BLK	"	REAR R-	"
5	BLACK	AWG 206	GROUND	6.3mm r FORK TERMINAL
6	ORG/WHT *	"	DIMMER	STRIP SOLDER
7	PINK/WHT *	"	PHONE MUTE	"
8	WHITE	AWG #20 2p CORD	FRONT L+	"
9	GRAY	"	FRONT R+	"
10	GREEN	"	REAR L+	
11	VIOLET	"	REAR R+	"
12	RED	AWG #20	+12 V TO IGNITION	250/ 1A FUSE & 24M/M TRANS STRIP SOLDER
13	YELLOW	"	+12 V TO BATTERY	250/ 1A FUSE STRIP SOLDER
14	DARK BLUE/ WHITE	"	AMP REMOTE TURN ON 500mA MAX +12 V OUTPUT	WIRE BANDING & TUBE HEATING

* May or may not be present depending on features of individual radios.

5-Pin DIN

FRONT

Green	Right (+)
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White	Right (-)
Brown	Left (+)
Gray	Left (-)
Red	+12 V Power

REAR

GRN/BLK	Right (+)
WH/BLK	Right (-)
BR/BLK	Left (+)
GRAY/BLK	Left (-)

Orange	S.P.L.
Black	Ground
Red w/ White	Memory Backup

LN-03/04

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