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Owner's Manuel

XSW-9 4.1

9" ACTIVE SUBWOOFER



System Equipment

Thank you for your purchase, and we come to XSW-9 4.1 ! In order to enjoy the better service from us, please keep your original invoice well and complete the warranty card. You'd better post the copy of the warranty card back to the appointed service agent of XSW-9 4.1, so that you may get more technical support.

ACCESSORY LIST

1. Owner's Manual	1 pieces
2. Insert Power Cable	1 piece
3. Remote control	1 piece
4. Bracket	4 pieces
5. screws	8 pieces
6. Brackets screws	8 pieces

SPECIFICATIONS

Sound	
Power Output(RMS)	120 watts
Frequency Response	34~400Hz
Woofer	
Diaphragm Size(Nominal)	9 inch
Diaphragm Material	Polypropylene
Surround	Rubber
Amplifier	5 CHANNELS
Power Output(RMS)	25Wx4CH+120WXCH
Low Pass Crossover	50-150Hz
Input sensitivity	0. 1-5.0V(RCA Input), 0.5-100V (Speaker Level Input)
Accessories	
Remote Knob	Cable Length: 5M, Adjustment Range: 0 to -30dB

Warning

Do not operate any function that takes your attention away from safely driving your vehicle

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

Keep the volume at a level where you can still hear outside noises while driving

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. Listening at loud volume levels in a car may also cause hearing damage.

Do not disassemble or alter

Doing so may result in an accident, fire or electric shock.

Use this product for mobile 12V applications

Use for other than its designed application may result in fire, electric shock or other injury.

Use the correct ampere rating when replacing fuses

Failure to do so may result in fire or electric shock.

Do not block vents or radiator panels

Doing so may cause heat to build up inside and may result in fire.

Make the correct connections

Failure to make the proper connections may result in fire or product damage.

Use only in vehicles with a 12 volt negative ground

Failure to do so may result in fire, etc. (Check with your dealer if you are not sure).

Before wiring, disconnect the cable from the negative battery terminal

Failure to do so may result in electric shock or injury due to electrical shorts.

Do not allow cables to become entangled in surrounding objects

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

Do not splice into electrical cables

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

Do not damage pipe or wiring when drilling holes

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

Do not use bolts or nuts in the brake or steering systems to make ground connections

Bolts or nuts used for the brake or steering systems or any other safety related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

Keep small objects such as bolts or screws out of the reach of children

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.



Caution

Halt use immediately if a problem appears

Failure to do so may cause personal injury or damage to the product. Return it to your authorized dealer or the nearest Service Center for repairing.

Have the wiring and installation done by experts

skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

Use specified accessory parts and install them securely

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit eternally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

Arrange the wiring so it is not crimped or pinched by a sharp metal edge

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent If wiring passes through a hole in metal use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

Do not install in locations with high moisture or dust

Avoid installing in locations with high moisture or dust. Moisture or dust that penetrates into this unit

Installation

⚠ Caution

Caution on connection terminals/ parts

Keep electrically conductive objects away from the unit's terminals/parts(power terminals, fuses, speaker input terminals, RCA connectors, etc.) Doing so prevents a possible short circuit and damage to the unit.

Mounting

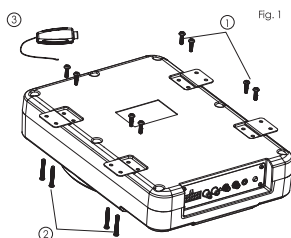
1. Attach the included mounting brackets to the TB-9N with the supplied screws. lat Fig. 1)

2. Once the brackets are mounted to the TB-9N. Place the subwoofer in the desired location within the ehicle. Before securing with screws, check to make sure all screws can affix to a structurally solid surface while avoiding vehicle wiring, components, etc. lat Fig. 2)

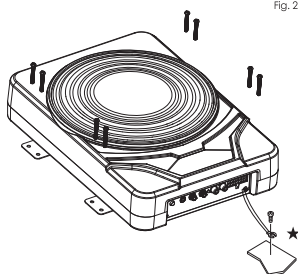
Note:

For securing the mounting brackets to the vehicle, it may be necessary to use longer screws (not included to accommodate carpet thickness, etc

To securely connectthe groundlead, use an already installed screw on the metal parl of the vehice (marked this is a goodground by checking continuity to the battery(-)terminal, As much as possible connectall equipment same ground point. These procedures will help eliminate noise.



- ① Mounting Bracket
- ② Bracket Screws
- ③ Attachment Method Of Remote Bass Level Knob



CONNECTIONS(Fig 3)

Before making connections, be sure to turn the power off to all audio components. Connect the red battery lead from the amplifier directly to the positive(+) terminal of the vehicle's battery. Do not connect the lead to the fuse block.



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RCA Input System

F Head Unit, etc (sold separately)

G RCA Extension Cable (sold separately)

To prevent external noise from entering the audio system, locate the unit and route the leads at least 10 cm (3 15/16) away from the car harness.

Keep the battery power leads as far away from other leads as possible.

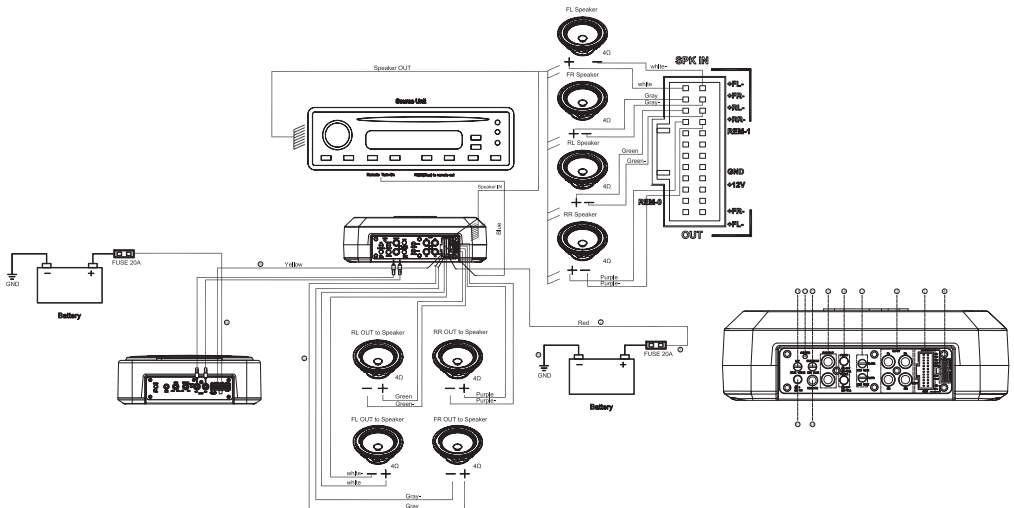
Connect the ground lead securely to a bare metal spot (remove any paint or grease if necessary) of the car chassis.

Your dealer knows best about noise prevention measures, so consult your dealer for further information.

Input/Power Connector

2 RCA Input Jacks

Connect these jacks to the line out leads on your headunit using RCA extension cables (sold separately).



Slim Loaded Subwoofer

Underseat

XSW-9 4.1

3 Fuse(15A)

USE ONLY THE CORRECT AMPERE RATING WHEN REPLACING FUSES

Failure to do so may result in fire or electric shock.

4 Speaker Output Jack

5 Input/ Power Wire Harness

6 Speaker Input Leads

These leads are input leads for use with head units not equipped with preamp outputs. When not using the rCA Line Input connectors, you should connect these wires to the speaker output leads of your head unit. The TB-9N accepts input from high power or standard power head units.

Note:

Do not connect speaker leads together or to chassis ground.

Use either RCA line level or speaker level inputs. Do not connect both at the same time.

7 Battery Lead (red)

Connect battery lead directly to BATT+

Be sure to add a 15a fuse (sold separately) as close as possible to the battery '(+)terminal

8 Remote Turn-On Lead (Blue/white)

Connect this lead to the remote turn-on positive trigger, (+ 12v only lead of your head unit.

Note:

fusing speaker input level signal from the head unit, remote turn-on lead connection is not necessary Please make sure Power Mode button is set to SP IN(Button in

9 Ground Lead(Black)

Connect this lead securely to a clean, bare metal spot on the vehicle's chassis. Verify this point to be a true ground by checking for continuity between that point and the negative (-)terminal of the vehicle's battery. ground all your audio components to the same point on the prevent ground loops.

Switch setting

10 Phase switch 0 to180°

Subwoofer output phase can be set to Subwoofer Normal O(Button Out)or Subwoofer Reverse 180 (Button In)

11 Crossover Frequency Adjustment Knob(LP FILTER)

Use this control to adjust the crossover frequency between 50 to 150Hz

12 Input Gain Adjustment Control

Note: If the Remote Bass level Knob will be connected in your system, make sure to rotate the knob fully clockwise(set to "+")before making the input gain adjustment.

Set the nBF608A input gain to the minimum position Using a dynamic Cd as a source, increase the head unit volume until the output distorts. Then reduce the volume 1 step or until the output is no longer distorted. Now, increase the amplifier gain until the sound from the speakers becomes distorted. Reduce the gain slightly so the sound no longer distorted to achieve the optimum gain setting.

13 Power Indicator

Indication Color	Status	Solution
Green	Amplifier circuit is normal	
LED is off	Amplifier circuit is abnormal. An electrical short has occurred, or supply current is too high 15A fuse may be blown.	Turn off the power supply and eliminate the cause [replace necessary] Then turn on the unit and verify that the led has turned on If it remains off, turn off the unit and consult your dealer.
Red	Power supply voltage is too high	Use the correct power supply voltage

14 Remote Gain Adjustment Input

Remote gain adjustment knob allows the user to adjust the overall bass level of the subwoofer Turning the remote bass level knob towards(+) increases the overall subwoofer level, while turning the bass level knob towards (decreases the overall subwoofer level.

Note: KSL-9 can be used without connecting the remote bass level knob. However overall subwoofer level cannot be adjusted from the Listening position.

Slim Loaded Subwoofer

Underseat

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15 Singal outputListening

16 FL/FR and RL/RR high input fliter.

Speakers HPF can be set to speaker normal 0
(Button out) or speaker reverse 180(Bottom In)

17 FL/FR and RL/RR velume

Speakers volume can be adjusted from 0 degree (Min) to 180
degree (Max).

XSW-9 4.1connection panel

