Nakamichi

FSTQ-6526

User Manual

6.5" 2-WAY COMPONENT SPEAKER

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YOUR SPEAKER

Dear Customer,

Congratulations on purchasing our Nakamichi mobile system product for your sound system.

This product has been designed and manufactured to Nakamichi's exacting standards to ensure many years of audio enjoyment. For the best performance, we recommend that you have your Nakamichi product installed by an authorized Nakamichi dealer.

If you would like to install this product on your own, we recommend for you to go through this manual to familiarize yourself with all the installation requirements and procedures.

If you encounter any issues or if you have any questions on the operation of this product, please contact your nearest authorized Nakamichi dealer for assistance, or you may also contact us through our website or social media channels.

Installation of Your Product

In today's modern vehicles, it is very easy to cause damage to existing systems through improper installation. Please follow and scrutinize all wiring diagrams to ensure that you have connected everything in its proper place.

If you find yourself uncomfortable of unfamiliar with understanding the wiring and installation diagrams or testing instructions, do contact your nearest Nakamichi dealer to perform the installation for you.

Safety Warnings and Considerations

• Clean only with a dry cloth or other similar materials.

• Install your product in a dry, well-ventilated location that does not interfere with your vehicle's safety equipment.

• Do not block any ventilation openings when installing this product.

• Do not mount the product in the engine compartment of your vehicle or in any areas of extreme heat such as mufflers, silencers, exhaust pipes or other heat producing apparatus.

• Securely mount the product so that it does not come loose in the event of a collision or as a result of repeated vibrations that might occur during normal operation.

• Installation of the apparatus must be done with great care to prevent damage to your vehicle's fuel lines, power, and other electrical wiring, hydraulic brake lines, and other systems. If possible, always visit your nearest Nakamichi dealer to perform the installation.

• Do not run any wiring outside or underneath the vehicle. Keep all wires inside the vehicle.

• Protect all system wires from sharp edges by carefully routing them, always use rubber grommets to protect wiring and cables whenever you are installing them through metal openings.

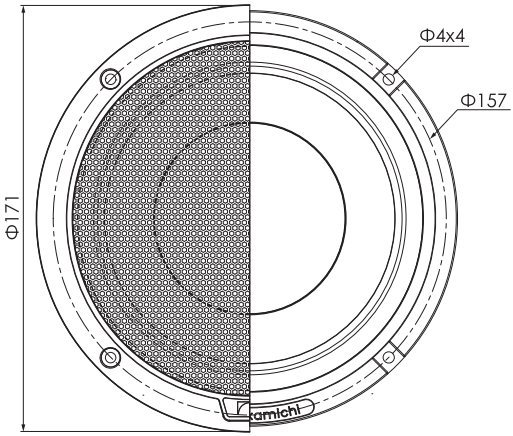
• Secure all wiring using cable ties or wire clamps to protect them from moving parts and sharp edges.

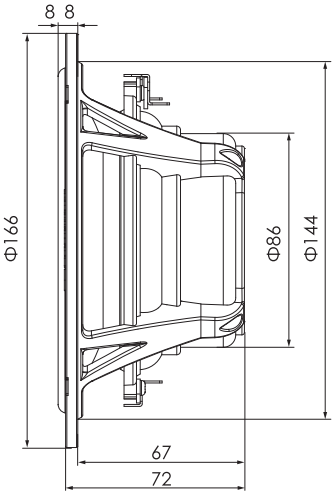
• This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, shall be placed on the apparatus.

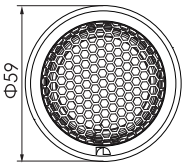
• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power input terminals are damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

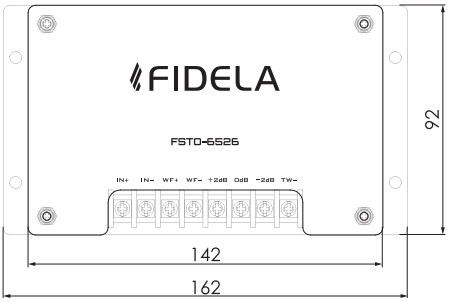
• Exposure to high sound pressure levels may lead to permanent hearing loss. Take every precaution to protect your hearing.

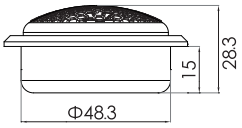
DIMENSIONS (UNIT: MM)

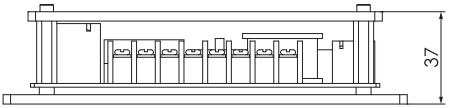












SPECIFICATIONS

Speaker Type:	6.5" Woofer	28mm Tweeter
Mounting Depth:	>2.64" (67 mm)	>1.06" (15 mm)
N-power:	75 watts	15 watts
Peak Power:	500 watts	100 watts
Sensitivity(Db/w/m):	88 ± 3 dB	89 ± 3 dB
Frequency Response:	55Hz - 8kHz	1200Hz-20kHz
Impedance:	2.8Ω	3.6Ω
Voice Coil:	ASV Φ75mm	ASV Φ28mm
Magnet type:	Ferrit	Neodymium
Magnet Mass:	9.8+6.5 Oz (278g+184g)	0.3 Oz (11.3g)
Net Mass (1pc):	Approx. 1.1kg	Approx. 0.11kg

WHAT'S IN THE BOX

Check and identify the contents of your package:

1. 6.5" Woofer x 2pcs
2. (Grille Net + Frame) for Woofer x 2sets
3. Mounting Screw (M4x25mm for Woofer) x 8pcs
4. Tweeter x 2pcs
5. Network x 2pcs
6. Mounting Screw (M4x25mm for Network) x 8pcs
7. 2.5mm "L" Type Wrench x 1pc
8. Installation Manual x 1pc

INSTALLATION

Mount The Woofer On Door (Front Or Rear)

You can mount the speakers on the front/rear door of your car.

- Make sure that nothing obstructs around the mounting location of the door.
- A hole for mounting may already be cut out of the inner panel of the door(front or rear). If so, you need to modify the board only.
- Ensure that the speaker terminals, frame or magnet do not interfere with any inner parts,
- (such as the window), etc. Also ensure that the speaker grille does not touch any inner
- fittings, such as the window cranks, door handles, arm rests etc.

1. Turn off the car ignition key.
   - If the power is on, the click noise generated by the connection may damage the speakers.
2. Cut out the mounting template from the packing box.
3. Paste the template on the location selected for mounting the speaker.
4. Mark the cut-off hole and the 4 bolt holes. (Fig.1)
5. Cut out the marked area and drill the bolt holes. (Fig.2)
6. Remove the grille net. (Fig.3)
7. Connect the woofers to the network or car audio.
   (See how to complete the wiring.)
8. Mount on the speaker as shown Fig.4.
9. Press and insert the edges of the grille net.
   - The speaker grille can be mounted without the grille net, if you like.

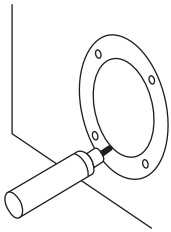


Fig.1

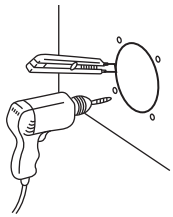


Fig.2

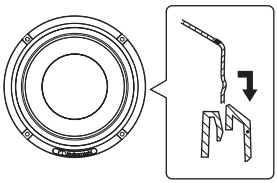


Fig.3

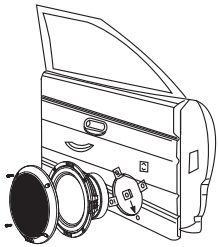
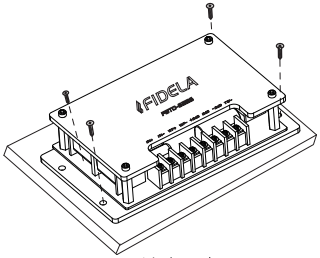


Fig.4

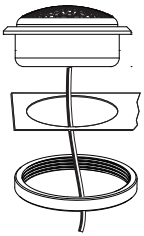
Mount Tweeter And Network

Follow steps mentioned in "Mount The Woofer" section to mount tweeter and network.
Find a proper location to mount them. Mount them onto the car with the supplied screws.

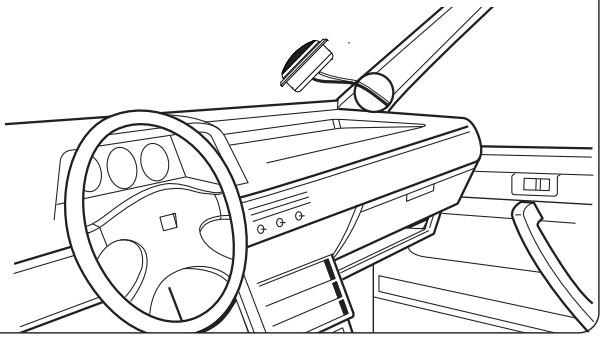


Network

Mount the Tweeter



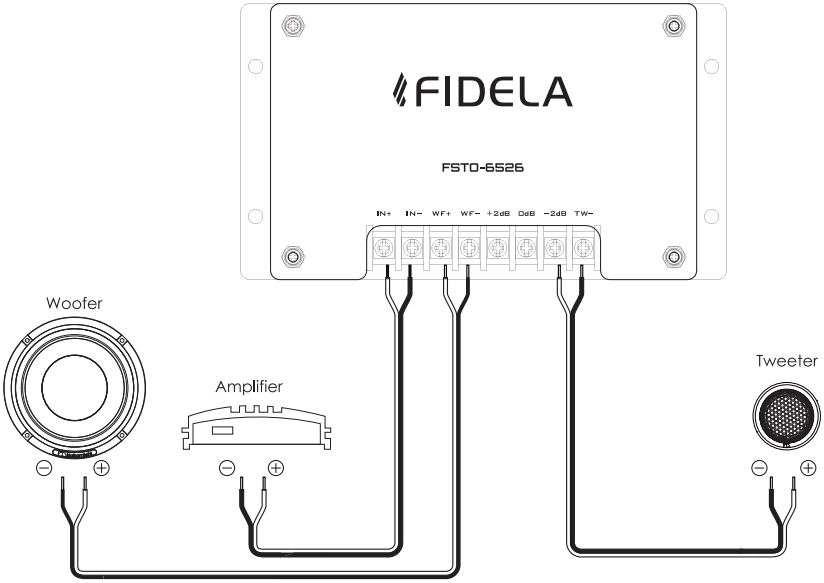
Option 1:
Flush mounting



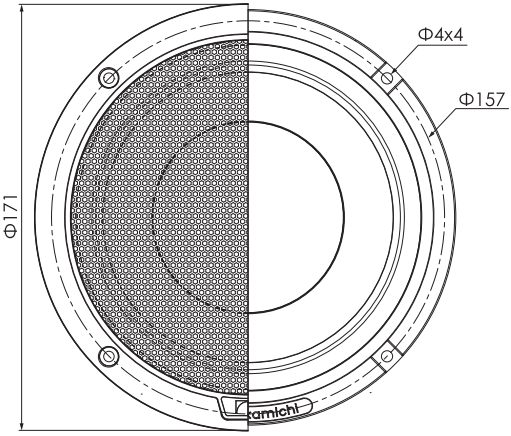
HOW TO COMPLETE THE WIRING.

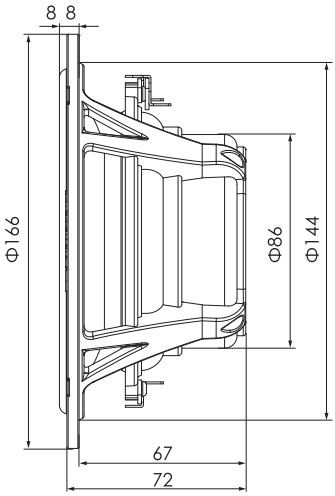
Connect the woofers and the tweeters to the 2-way crossover network first, then connect the network to your amplifier or car audio directly.

- Consult the diagram below. Be sure to connect corresponding terminals, i.e. "+" to "+" and "-" to "-". Connection with reversed polarity will degrade the quality of production.
- Connect the provided speaker cord to the speaker terminal while holding the lower portion of the speaker terminal.



產品尺寸(單位mm)


Φ4x4
Φ157
Φ171
tamichi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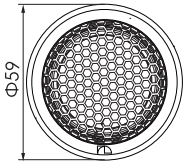
Φ166
Φ86
Φ144
67
72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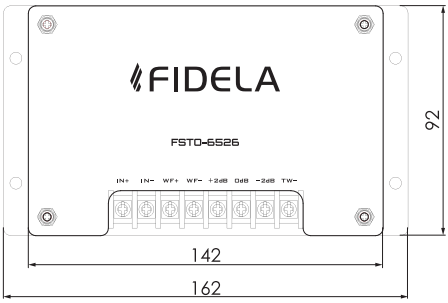
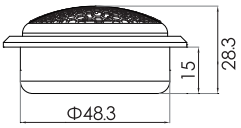

FIDELA
FST0-6526
IN+ IN- WF+ WF- +2dB 0dB -2dB TW-
92
142
162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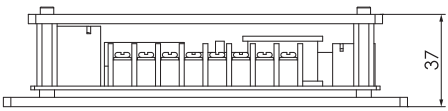
28.3
Φ48.3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產品規格

揚聲器類型:	6.5"低音	28芯高音
安裝深度:	>2.64" (67 mm)	>1.06" (15 mm)
額定功率:	75W	15W
最大峰值功率:	500W	100W
靈敏度(dB/W/m):	88 ± 3 dB	89 ± 3 dB
頻率範圍:	55Hz - 8kHz	1200Hz-20kHz
標準阻抗:	2.8Ω	3.6Ω
音圈規格:	ASV Φ75mm	ASV Φ28mm
磁鋼类型:	鐵氧體	釹鐵硼
磁鋼重量:	9.8+6.5 Oz (278g+184g)	0.3 Oz (11.3g)
淨重(1個揚聲器):	約1.1kg	約 0.11kg

包裝內物品

檢查並識別包裝中的物品：

1. 6.5''低音揚聲器 (x2個)
2. 低音網框+網罩 (x2套)
3. 低音安裝螺絲M4x25mm (x8顆)
4. 28芯高音揚聲器 (x2個)
5. 分頻器 (x2個)
6. 分頻器安裝螺絲M4x25mm (x8顆)
7. 2.5mm L型扳手 (x1個)
8. 說明書 (中英文1本)

安裝方式

安裝低音揚聲器(前車門或後車門)

您可將揚聲器安裝在汽車的前/後車門上

- 確保車門上的安裝周圍沒有任何阻礙物
- 車門(前車門或後車門)的內側面板可能已經切割好安裝孔。在此情況下,只需修改安裝板。
- 確保揚聲器終端,外框或磁鐵不會妨礙到任何內部零件,如車門上的車窗系統(不會妨礙打開或關閉車窗)。同時還要確保揚聲器不會碰觸到任何內部配件,如車窗搖柄、車門把手、扶手等。

1. 關閉汽车的点火钥匙。
- 如果電源為接通狀態,則電源連接所產生的震動聲可能會對揚聲器造成損壞。

2.從包裝盒中裁出安裝模版。

3.將模版貼在安裝揚聲器的位置上。

4.標記好定點孔和4個螺栓孔。(圖1)

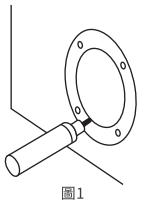


圖1

安裝方式

5.切除標記部分,並鑽開螺栓孔。(圖2)

6. 拆下格柵網。(圖3)

7. 連接低音揚聲器與功率放大器連接。

• 請參照“如何完成接線”,一定要正確連接相應的端子,即左同左,右同右,和正極同正極,負極同負極,極性反置可導致音質下降。

• 握住揚聲器端子的低端部分,將產品內的揚聲器線連接到揚聲器端子上。

8. 如圖 4 所示安裝在揚聲器上。

9. 按下並插入格柵網的邊緣。

• 如果您願意, 可以在不安裝格柵網的情況下安裝揚聲器格柵。

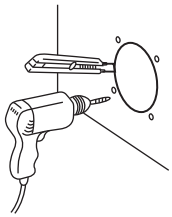


圖2

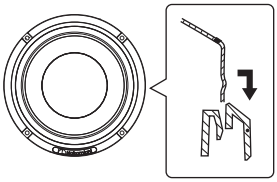


圖3

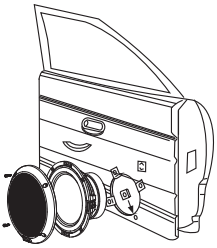
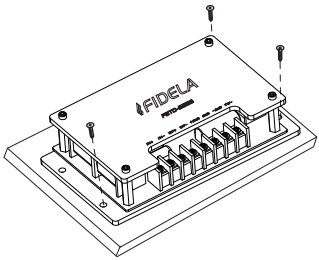


圖4

安裝高音和分頻器

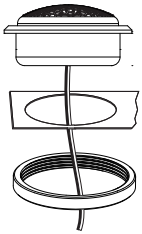
按照“安裝低音揚聲器”部分中提到的步驟在合適的位置安裝高音和分頻器。

請用提供的螺絲將它們固定安裝到汽車上。

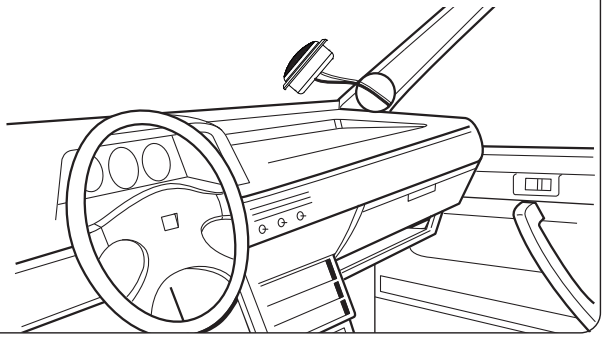


分頻器

高音安裝:



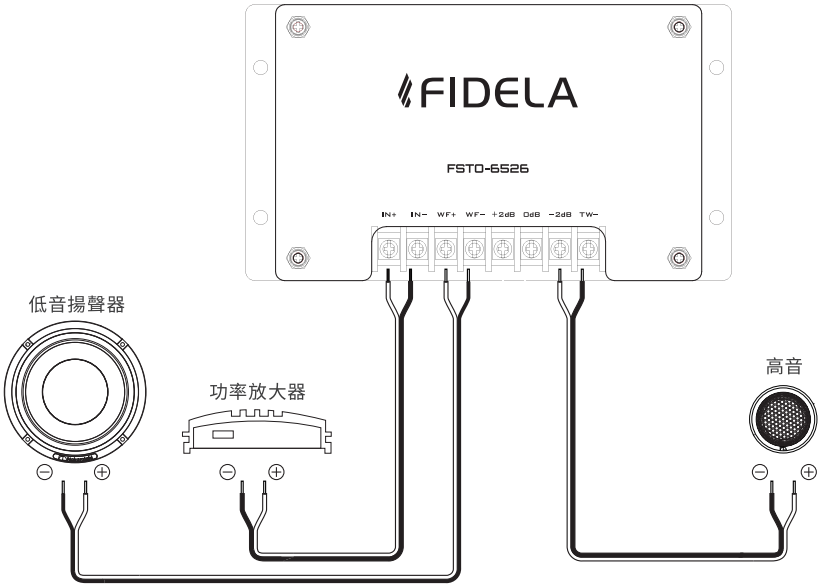
平角安裝



如何完成接線

首先將低音揚聲器和高音揚聲器連接到 2 路分頻器，然後將分頻器直接連接到您的功率放大器或汽車主機。

- 請參閱下圖。一定要正確連接相應的端子,即左同左,右同右,和正極同正極,負極同負極,極性反置可導致音質下降。
- 握住揚聲器端子的低端部分,將產品內的揚聲器線連接到揚聲器端子上。



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INSTRUCTIONS & SOFTWARE DOWNLOADS AND WARRANTY REGISTRATION.

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