



User Manual

6.5 Car Audio Component Speaker System

LUPUS SERIES HCM-A1



www.HYANKA.com

HCM-A1 6.5 Component Speakers

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1.0 INTRODUCTION

Congratulations on your purchase of HYANKA Lupus series HCM-A1 6.5 component speakers. HYANKA Lupus series speakers offer impressive performance and value at a wallet-friendly price. If you are looking to upgrade your audio system at a reasonable cost, the HCM-A1 speakers provide a great bang for your buck.

The 6.5-inch woofers boast a one-inch voice coil with excellent power handling, a high-sensitivity magnet and butyl rubber surround for durability and powerful bass. The aluminum inverted dome tweeters provide clear and accurate treble, and can be set at three different levels using the crossovers, to provide the optimal relative volume for its install location. Experience Focal's "Spirit of Sound" with flawless imaging, and uncommon detail and dynamics.

HYANKA automotive speakers are the ideal upgrade to any car audio system. Aquila Series speakers bring music to life in the car.

1.1 PROTECT YOUR EARS

HYANKA and the Electronic Industries Association's Consumer Electronics

Group want you to get the most enjoyment out of your equipment by playing it at a safe level—a level that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without damaging your sensitive hearing.



Since hearing damage from loud sounds is often undetectable until it is too late, HYANKA and the Electronic Industries Association's Consumer Electronics Group recommend that you avoid prolonged exposure to excessive volume levels.



2.0 ITEM LISTING

HYANKA Lupus series HCM-A1 6.5 component speakers.

Open the packing case and you will find the following items

- ☑ 2 x 6.5 Midrange Speakers
- ☑ 2 x 1" Silk Soft Dome Tweeters
- ☑ 2 x Crossovers
- ☑ 1 x Midrange Speakers Kit (8 x Screws +8 x Gaskets +2 x 3m Regular Speakers Cables)
- ☑ 1 x Tweeters Kit (4 x Screws)
- ☑ 1 x User Manual

CAUTION! Immediately upon receiving the product, carefully unpack the carton, check the contents to ensure that none of the parts are missing, and all parts are in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the package itself shows signs of mishandling. Save the package and all the packing materials. In the event that the product must be returned to the factory, it is important that the product be returned to the original factory box and packed.

3.0 BRAND STORY

Decades of experience in the audio industry have contributed to the excellent quality of our products. Our brand, HYANKA, absorbs and integrates the cooperation experience of hundreds of world-famous audio brands and dozens of car companies and finally establishes the HYNKA professional audio modification system.



1. Focus, research and development, innovation are our constant dedication.



2. Founded more than 20 years ago, HYANKA has a powerful factory, independent research and development team, extraordinary quality, and stands out in the car audio modification market.



3. Production with a meticulous and rigorous attitude to guarantee that each sound set has excellent sound effects.



4. Our strong technological team provides free installation guidance so that you can install without concern.

4.0 HCM-A1 PRODUCT SPECIFICATIONS

6.5 Midrange Speakers Specifications:

RMS Power	550 Watts
Peak Power	1100 Watts
Magnet	Y30 Grade 100*60*15mm
Nominal Impedance	4 Ohms
Frequency Response	20Hz-20kHz

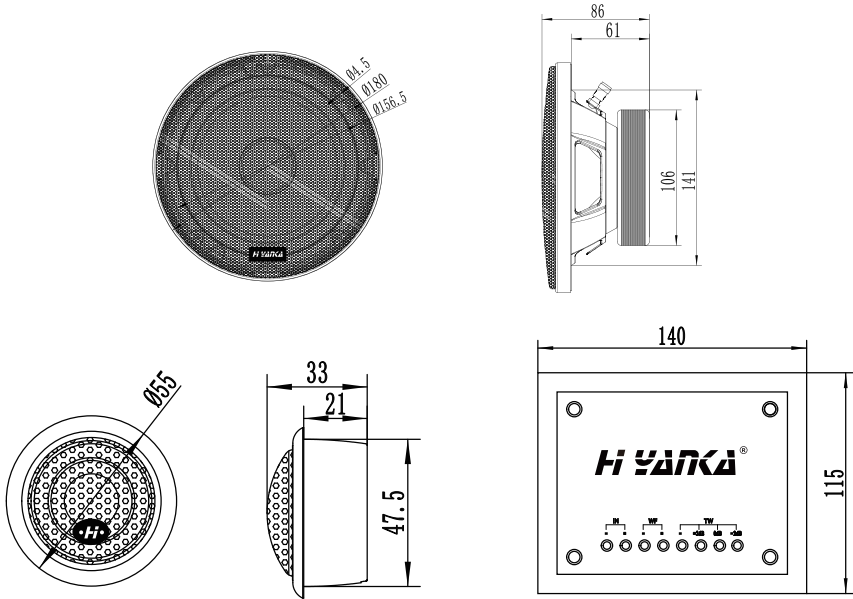
1" Silk Soft Dome Tweeters Specifications

Description	Silk Dome Tweeters
Impedance	4 Ohms
Sensitivity	91 dB
Frequency Response	1.5 KHz-20KHz
Voice Coil Former	ASV
Magnet	NdFeB,24.5*4

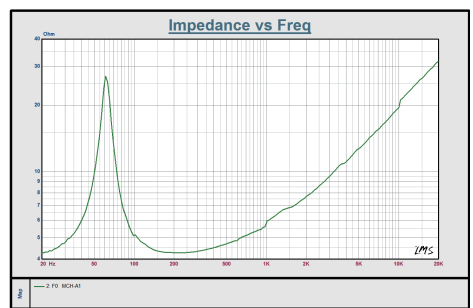
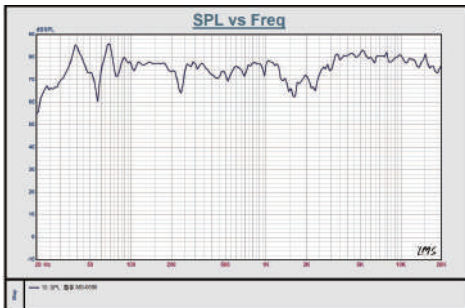
Crossover Specifications

Inductance	0.4MH
wire warp	0.74 true color
capacitor	100V, 18UF (Benik capacitor horizontal black 13*26)
Poly (Propylene) Capacitor	250V, 5.6uF (Bennick Capacitor Black PMT 17*45)
Cement resistance	5W,4 ohms;5W,2 ohms;10W,4.7 ohms
Fuse	60V, 0.65
Terminal	eight gold

5.0 HCM-A1 PRODUCT SIZE



5.1 HCM-A1 SPL PLOT

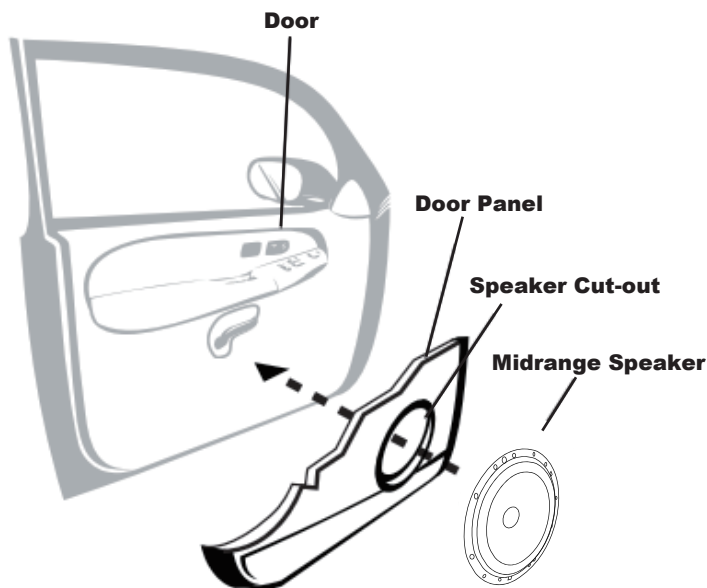


6.0 INSTALLATION CONSIDERATIONS

Before starting any installation, follow these simple rules:

1. Be sure to read and understand the instructions carefully before attempting to install these speakers.
2. For safety, disconnect the negative lead from the battery before installation.
3. For easier assembly, we suggest you run all the wires before mounting your speakers.
4. Use high-quality connectors for reliable installation and to minimize signal or power loss.
5. Think before you drill! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle. If installed in a boat, be careful not to cut or drill through the main hull.
6. Never run wires underneath the vehicle. Running the wires in the vehicle or hull provides the best protection.
7. Avoid running wires over or through sharp edges. Use rubber or plastic grommets to protect any wires routed through metal, especially the firewall.

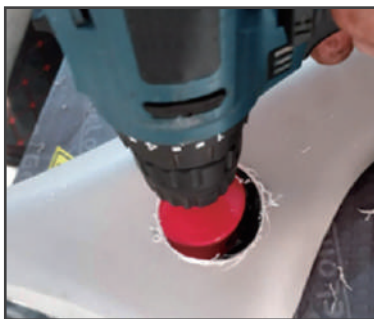
7.0 MIDRANGE SPEAKERS MOUNTING



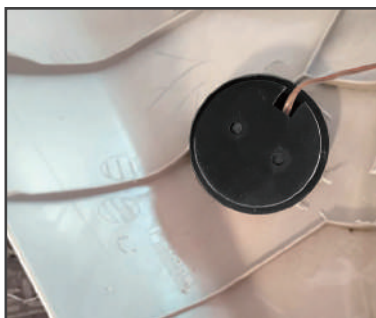
1. Determine where the speakers will be mounted. Ensure that the area is large enough for the speaker to be evenly mounted. Be sure that the mounting location is deep enough for the speaker to fit; If mounting in a door, operate all functions (windows, locks, etc.) through their entire operating range to ensure there is no obstruction.
2. Refer to the specification chart to determine the correct hole diameter. If the size is not suitable, you can try to open the hole with a hole opener.
3. Mark the locations of the mounting screws. Drill the holes with a 1/8" bit.
4. Feed the speaker wires through the cutout and connect to the speaker terminals. Be sure to observe proper polarity when connecting the wires. The speaker's positive terminal is indicated with a "+".
5. Fit the trim ring over the speaker and mount using four screws.
6. Tighten the screws until the speaker is firmly in place to prevent rattling. Don't tighten the screws too much.

8.0 INLAY INSTALLATION METHOD

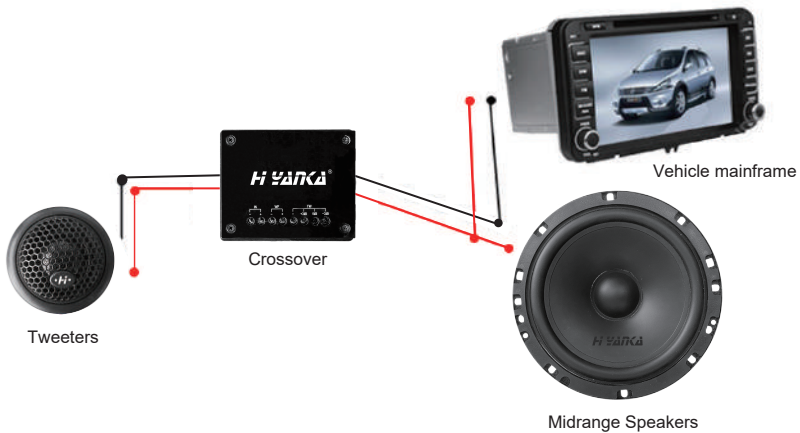
1.Remove the accessories to be installed in the position; Select the installation position;
Try to keep symmetrical; After selection, open the hole with the hole opener or install
with screws.



2. Push the treble head into the open hole;Pay attention to the direction of the wire;Connect
the tweeter wire with the frequency divider or capacitor; The other end of the Crossover or
capacitor can be connected to the original car call line or the main engine line to complete
the installation; (Please refer to 8.0 for connection mode).



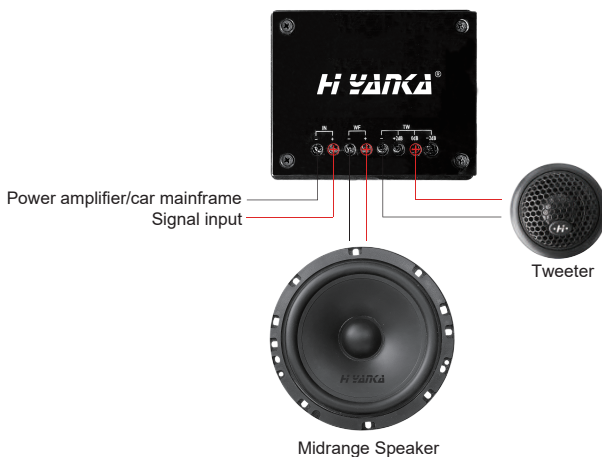
9.0 DESCRIPTION OF WIRING METHOD



Wiring from the original car speakers position. Install the applicable tweeter head in the small triangle position inside the door. Use the original car speaker with positive and negative lines parallel together. Usually the original speaker magnet is directly above the plug. The left side of the speaker wire is positive and the right side is negative.

(Note: The divider/capacitor must be connected. The positive and negative terminals cannot be connected in the opposite direction. If the connection is reversed, the tweeters will be burned out.)

9.1 WIRING DIAGRAM OF CROSSOVER



10.0 TO PURCHASE ADDITIONAL GEAR AND ACCESSORIES

To purchase HYANKA other products , please contact us at "sales@hyaudio.com.cn" Our other products list please visit: www.hyanka.com (Facebook: HYANKA.HYANKA) .You can also contact us directly through Amazon. Then we will help you find what you need.

10.1 SERVICE AND REPAIR

For spare parts, service and maintenance, please contact us at "sales@hyaudio.com.cn" to purchase additional replacement parts or for other maintenance related matters. The company does not issue service manuals to users, and users are advised not to attempt any self-maintenance. Because doing so would void all warranties. If you have any question, also can visit our website to find the answers: www.hyanka.com. (Facebook: HYANKA.HYANKA)

10.2 WARRANTY INFORMATION

HYANKA is committed to providing the best warranty service for each product. From the date of original purchase, HYANKA provides a warranty of six months for any material or workmanship problems arising out of strict compliance with the instructions. HYANKA may repair the product within this warranty period. Please be sure to properly keep the "proof" of purchase products, so as to obtain warranty service. Products without purchase certificate will not be accepted for return, and warranty service. The warranty service is limited to problems arising from normal use. Users should strictly follow the instructions for correct use. Any wanton damage or unauthorized maintenance of the machine, accident, wrong use, human negligence, etc., will not be accepted by the warranty scope. In addition, the guaranteed repair is only valid for purchase in the Brand's Amazon store or brand website store. If you have other questions, please visit: www.hyanka.com.

10.3 CUSTOMER SERVICE AND TECHNICAL SUPPORT

You are welcome to visit our website at www.hyanka.com. (Facebook: HYANKA.HYANKA) From this website, you can get answers to frequently asked questions, technical guidance, return instructions and other helpful information. We do our best to respond to your inquiry within one business day.

(Note: We focus on customer experience and we are continuously upgrading our products. Please contact us on our website (www.hyanka.com) and leave your comments about your previous purchases of our brand. After the upgrade, we can send you a current one for free.)

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