MASE AUDIO

Installation manual

BMW E46 9inch Android

Are you ready to install our unit?
Let's go **>>>**

5 steps to install

STEP 01
Double check if has any missing before installation.

STEP 02
Check
1) Do the screen is broken ?
2) Do the accessories have missing ?

STEP 03
Test your unit before installing into your car
(Connect the power cable to your car)

STEP 04
Do the full installation.

STEP 05
Test the head unit functions.

STEP 01
Double check if has any missing before installation.

In this case, the installation can't be plug & play if your car dash radio plug is same as shown on the right picture.

You need to seperately purchase an extension harness for connecting the head unit and the BM54/24 amp in the trunk area.
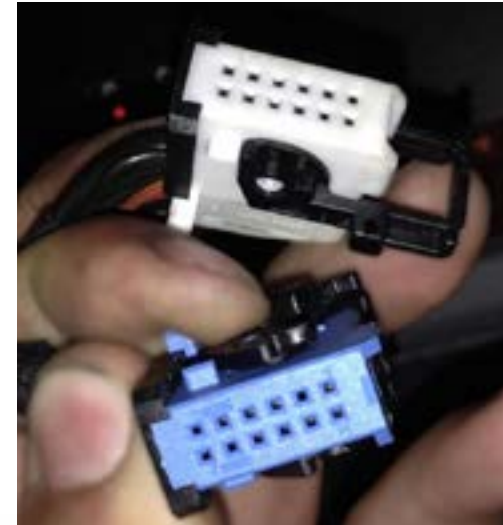
5m extended harness

Please find the ASIN in the listing.

Installation guide

If you are in above three situations, your car should be built-in an amplifier - **BM54/24 tuner** in the trunk area. You need to use the extended harness to connect both of them.

The references of BM54 tuner location

Installation steps
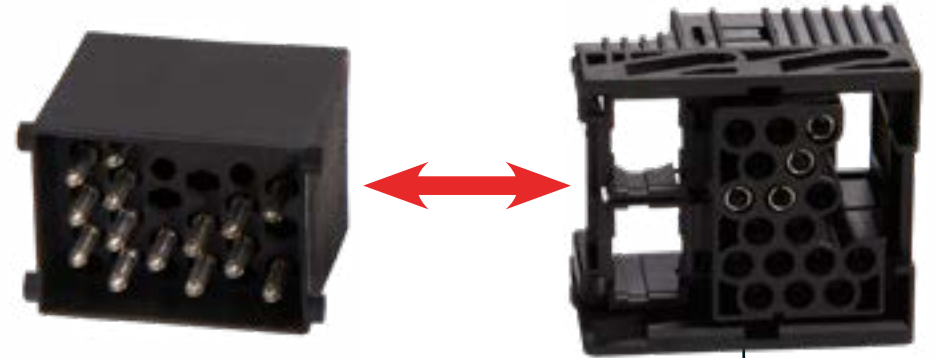
1. Connect the power plug to the new head unit.

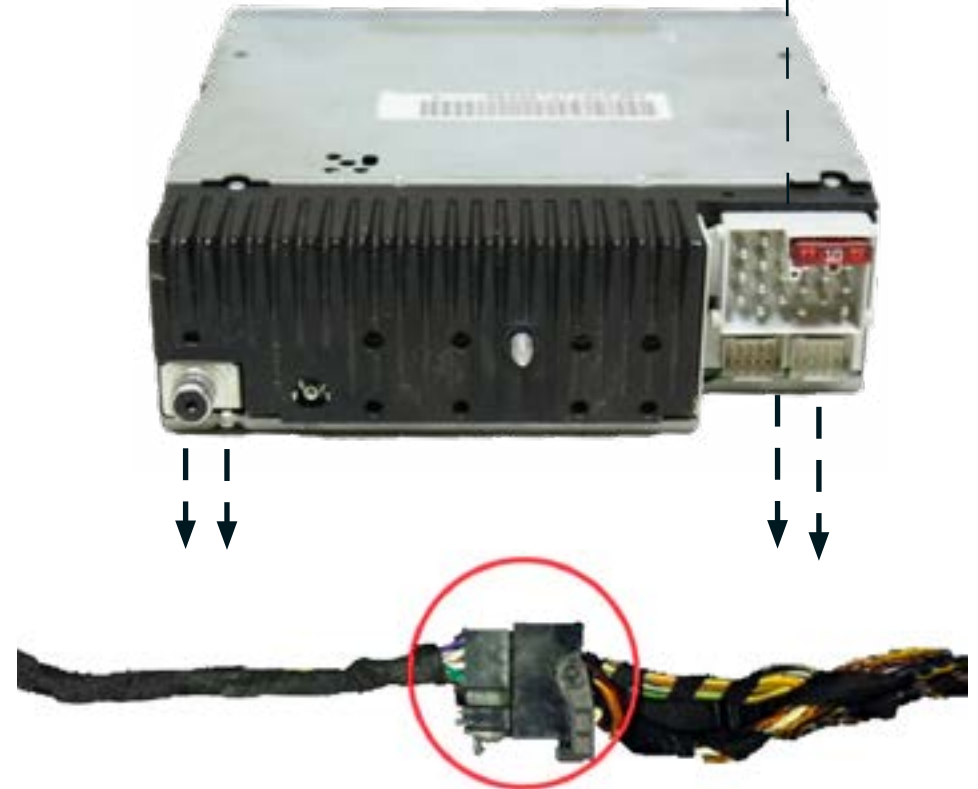2. pull the extension harness to the trunk area as shown.

Extended harness

3. Connect the female radio plug of your car with the male plug of extended harness.

From extended harness

4. Connect the female plug of extension harness with the amplifier - BM54/24 tuner.

From extended harness

If the factory plug like below(only 17pin and lack of 4pin). It's not compatible with our Amaseaudio head unit.
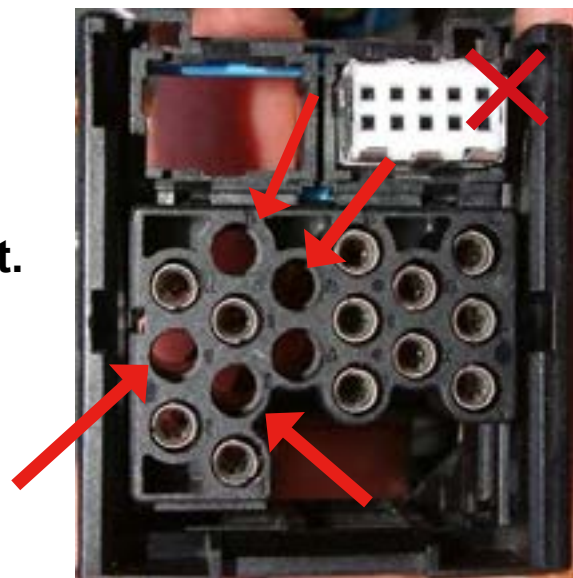
Accessories

1. Power cable * 1   2. RCA cable * 3
3. GPS antenna *1   4. External Miscrophone *1
5. Audio antenna *1   6. 15A fuse *1
7. Audio antenna connector *1 8. 3M adhesive *1
9. Canbus *1   10. USB adapter cable *2

STEP 03

Test your unit before installing into your car
(Connect the power cable to your car)

1. Double check the size and shape of the center console panel.

2. Pry the decoration strip from edge with the plastic tool

3. Take out the decoration strip

4. Remove the 2 fixed screws on the factory CD player with a Philips screwdriver.

5. Take out the factory CD player, the AC controller and the storage box.

**Now you can take out the power cable to connect the head unit and then try to turn it on. If this part is no problem, you can do the remain steps.**

STEP 04

Do the full installation.

6. Replace the AC controller to the place of storage box.

7. Remove the 4 fixed screws of the factory mounting bracket with a Philips screwdriver and take out the bracket

8. Connect those wires provided in the package like Power cable with canbus, USB cable, Radio antenna adapter cable, GPS antenna, Wi-fi antenna and External microphone etc.

Wiring diagram

18PIN Power supply socket

Definition of power socket interface
1. Ground
2. Battery +12V
3. ACC
4. Illumination
5. Reverse Control
6. KEY 2
7. KEY 1
8. Antenna Power
9. Front Speaker R+
10. Rear Speaker R-
11. Front Speaker R-
12. Rear Speaker R+
13. Front Speaker L-
14. Rear Speaker R+
15. Front Speaker L+
16. Rear Speaker R-
17. Fuse input
18. Fuse output

60PIN Definition of multi-functional socket

A Socket definition
A1. NC
A2. GND
A3. AUX Video Input
A4. Video Output
A5. GND
A6. MIC+
A7. MIC-
A8. AUX Audio Input L
A9. AUX Audio Input R
A10. Amplifier Control +12V
A11. AGND
A12. Front Audio Output L
A13. Front Audio Output R
A14. Rear Audio Output L
A15. Rear Audio Output R
A16. AGND
A17. Center Audio Output
A18. NC
A19. TV Video Input
A20. Sub Woofer Output

C Socket definition
C1. CAN TXD
C2. IR Input
C3. TV Audio Input L
C4. GND
C5. POWER +12V
C6. TV Audio Input R
C7. IR Output
C8. CAN RXD

D Socket definition
D1. GND
D2. USB5V
D3. USB0 D+
D4. USB0 D-

E Socket definition
E1. USB1 D-
E2. GND
E3. USB+5V
E4. USB3 D+
E5. USB3 D-
E6. USB1 D+

F Socket definition
F1. Brake
F2. Camera Power +12V
F3. NC
F4. NC
F5. NC
F6. WIFI Antenna
F7. GND
F8. Camera Video Input
F9. GND
F10. Bluetooth Antenna

9. Plug the head unit into the center console, then place the GPS antenna and microphone as shown. The wires are hidden in the side of pillar trim and led to the head unit.
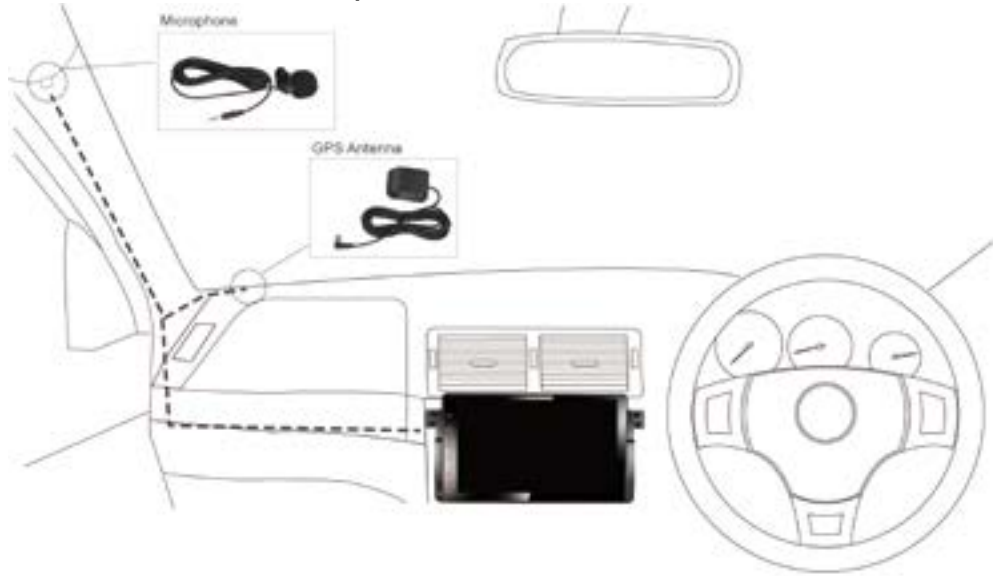
STEP 05
Test the head unit functions.
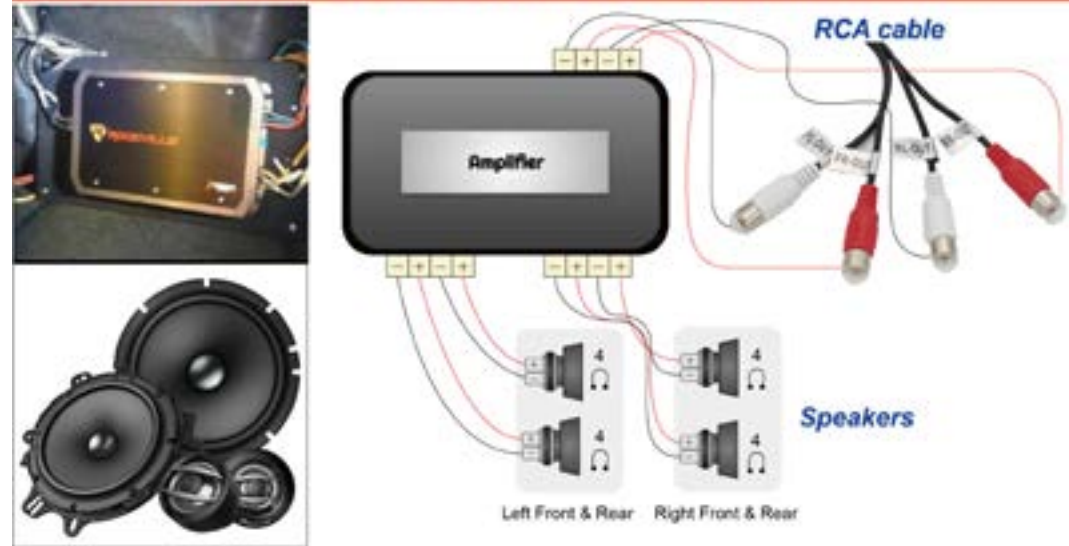(FM, SD, USB, Bluetooth, reversing, handbrake, headlight, steering wheel control and etc)

Wire connection for the amplifier, the subwoofer and the headset monitors
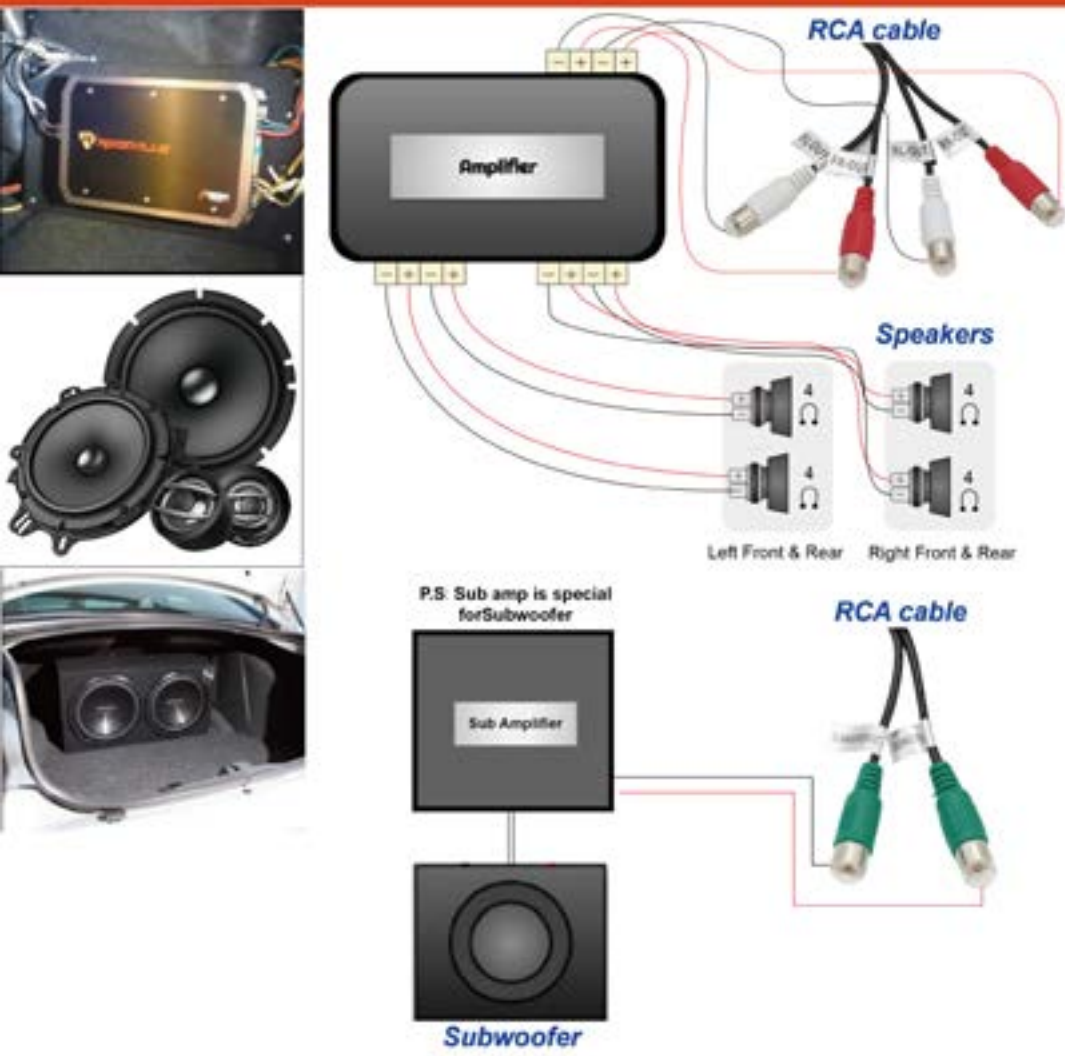

Case 1: Subwoofer connects to the head unit

RCA cable

Subwoofer

Case 2: The external amp and the speakers are connected to the head unit.

RCA cable

Amplifier

Speakers

Left Front & Rear   Right Front & Rear

Case 3: The external amp + the speakers and the subwoofer both with independent amp are seperately connected to the head unit.

RCA cable

Amplifier

Speakers

4 Ω — Left Front & Rear   Right Front & Rear

P.S. Sub amp is special for Subwoofer

RCA cable

Sub Amplifier

Subwoofer

Case 4: The headrests monitors are connected to the head unit

RCA cable   **RCA cable**

Headrest monitor

12V
GND

Except for connecting the amplifier, the slot of FL, FR, RL, RR also are used for connecting the headrest monitors.

Optional : Install a rear camera

Our main unit only syncs the rear camera but not the front camera.

Cable connection

Connect to the rear camera contol cable(Brown color) of head unit

Connect to the rear camera

Connect the 12v power cable of reverse gear

For fixing the position, it can lock with a screw

Connect to the yellow cable (Camera Label) of the RCA cable

System Initial setup

1 **Set radio location**

The default radio country in the unit is Europe, if you are from other country, you need to access the "factory mode (PW: 126) > Radio" to adjust the country.
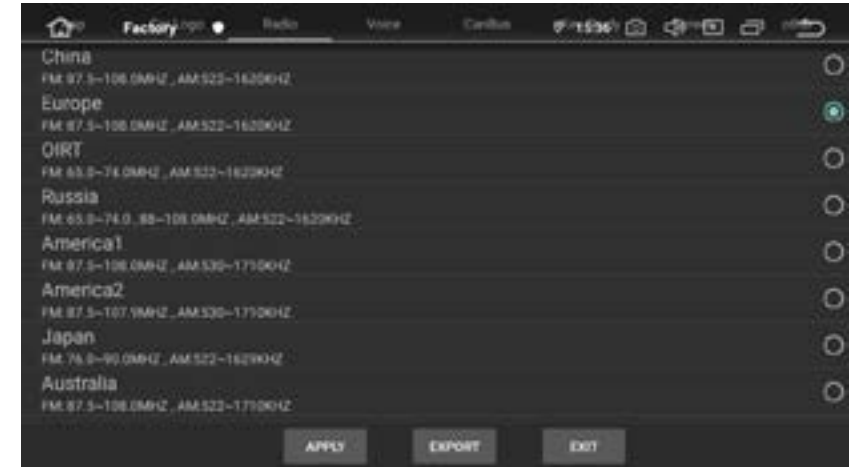
2 **Set RDS**

The Radio has RDS function but this function is only for Europe, if the clients from other countries use it, it will affect the radio receival, so please close it.

3 Set the unit language

Please go to setting > Languages & input, then you can add the desirable language you need.