



98-13 STREET GLIDE/ULTRA

INSTALLATION INSTRUCTIONS



98-13 STREET GLIDE/ULTRA INSTALLATION INSTRUCTIONS

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KIT PARTS

BASE KIT PARTS:

- 1 - SinisterSound speaker enclosure, Clutch side
- 1 - SinisterSound speaker enclosure, Brake side
- 1 - Fairing speaker bracket, Clutch side
- 1 - Fairing speaker bracket, Brake side
- 6 - Fairing speaker bracket screws
- 2 - Speaker covers
- 2 - Fairing brace brackets
- 4 - Fairing brace bracket to enclosure screws



WITH AMPLIFIER

- 1 - Amplifier
- 1 - SinisterSound power and ground cable
- 1 - RCA Cable or High Level {Speaker} Inputs (Not Shown)



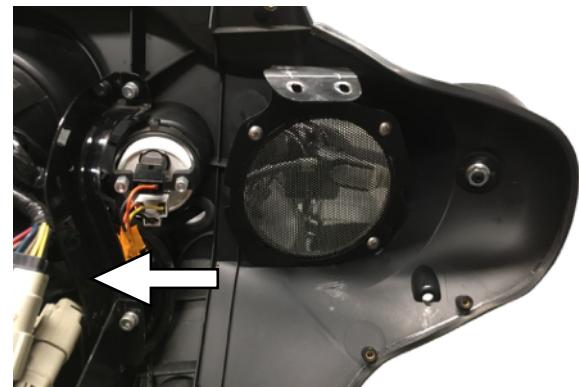
WITH HEAD UNIT

- 1 - Head Unit/Mounting Kit
- 1 - PAC grip control adapter



PREPARE THE BIKE

- 1** Remove the outer fairing and old audio equipment. Move any wiring harnesses that would interfere with the new SinisterSound enclosures toward the radio.



If you already have a Head unit and Amplifier go to the [Installation of SinisterSound Fairing Kit](#) section.

If you are installing a Head Unit or Amplifier, continue.

- 2** Remove the seat to expose the battery.



- 3** Remove the gas tank to expose the cable channel.

INSTALLATION OF HEAD UNIT

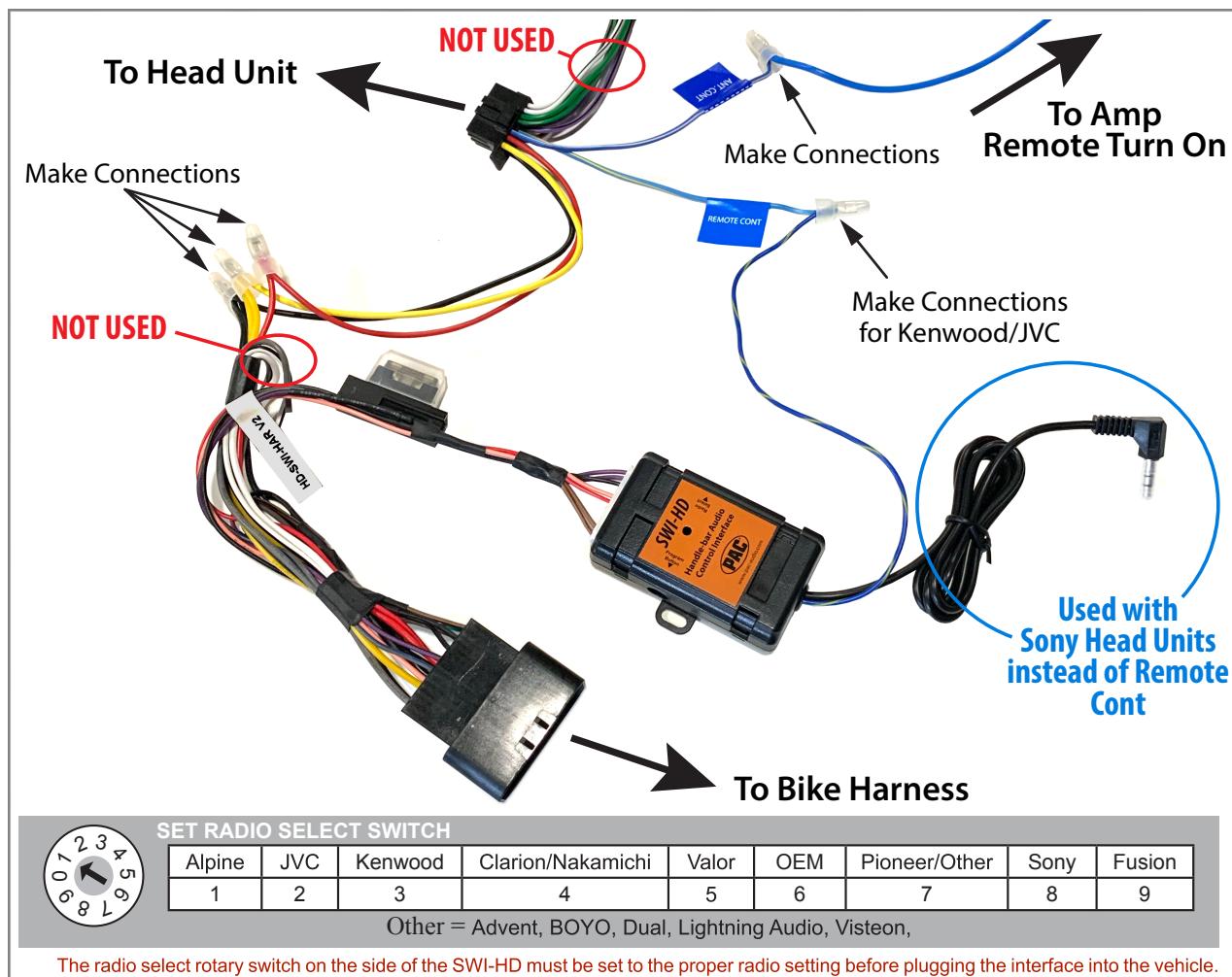
If you already have a head unit installed, go to the [Installation of the SinisterSound Fairing kit section](#).

Follow the instructions included with your head unit.

We recommend an after market head unit as opposed to the stock head unit. NOTE: A PAC Adapter is required with the Kenwood, JVC and Sony head units to retain grip controls and is included if you purchased from us.

INSTALLING THE PAC HANDLE-BAR AUDIO CONTROL INTERFACE

1. Set the radio select rotary switch on the side of the module to match the head unit brand as shown in the chart below. *This must be done before plugging the interface into the bike.*
2. Connect the Yellow, Black and Red wires from the head unit harness to the Yellow, Black and Red wires of the PAC Harness.
3. Connect the Blue/White (Ant. Cont) wire from the head unit harness to the Blue Amp Remote Turn On wire.
4. Connect the Blue/Green (Remote Cont) wire from the head unit harness to the Blue/Green wire of the PAC unit.
5. Connect the head unit harness to the head unit.
6. Connect the PAC harness to the bike harness.



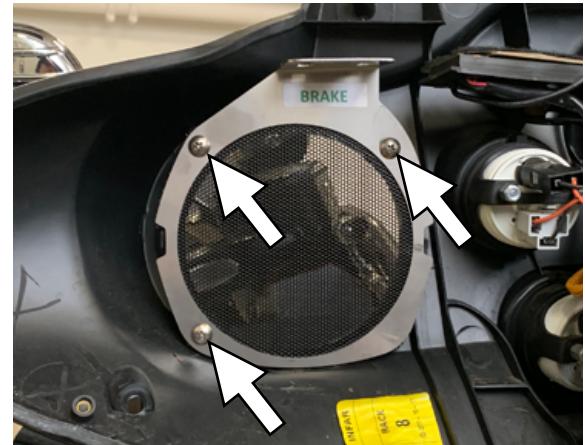
INSTALLATION OF SINISTERSOUND FAIRING KIT

- 1 The fairing speaker brackets are labeled per their installation location (Brake and Clutch sides). The smaller fairing brace brackets are interchangeable. The included screws must be used to avoid damage to your fairing.

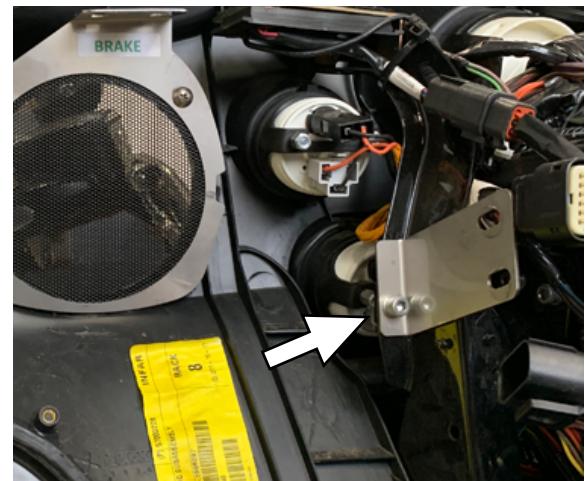


- 2 Mount the main enclosure brackets with grills between the fairing and bracket using the screws included in the kit.

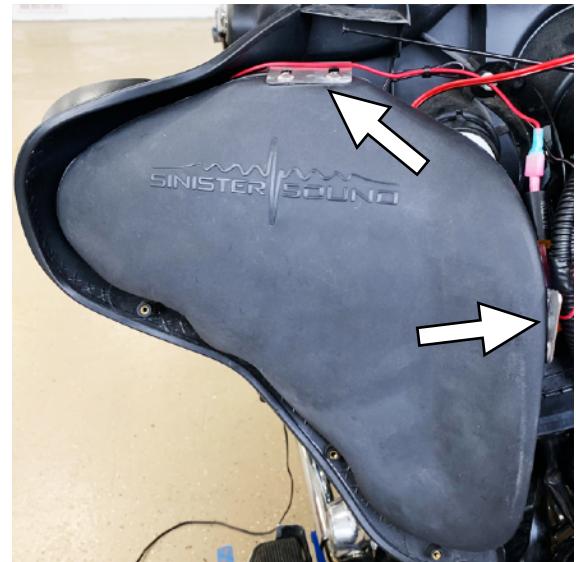
! Longer screws can damage fairing !



- 3 Mount the small enclosure brackets to the fairing support braces. These brackets are interchangeable.



4 Attach the enclosures to the brackets using the supplied screws.



If you already have an amplifier and head unit, continue to step 5.

If you are installing an amplifier, skip step 5 and go to the [Installation of Amplifier](#) section.

5 Connect your speaker pods to your amplifier using the appropriate output connections per amplifier instructions

For Arc Audio amplifier wiring and settings, see [Arc Audio Amplifier Wiring and Settings](#).

For Diamond Audio amplifier wiring and settings, see [Diamond Audio Amplifier Wiring and Settings](#) section.

INSTALLATION OF AMPLIFIER

Follow the instructions included with your amplifier.

The amplifier is mounted on top of the head unit and can be secured with velcro or double sided tape.

ARC AUDIO AMPLIFIER WIRING AND SETTINGS

ARC AUDIO MOTO720

1. Remove the fuse from the SinisterSound power and ground cable.
2. Connect the SinisterSound power and ground cable to the amplifier and route towards the battery through the cable channel under the tank.
3. Make the connections and amp settings per the diagram specific to your application:



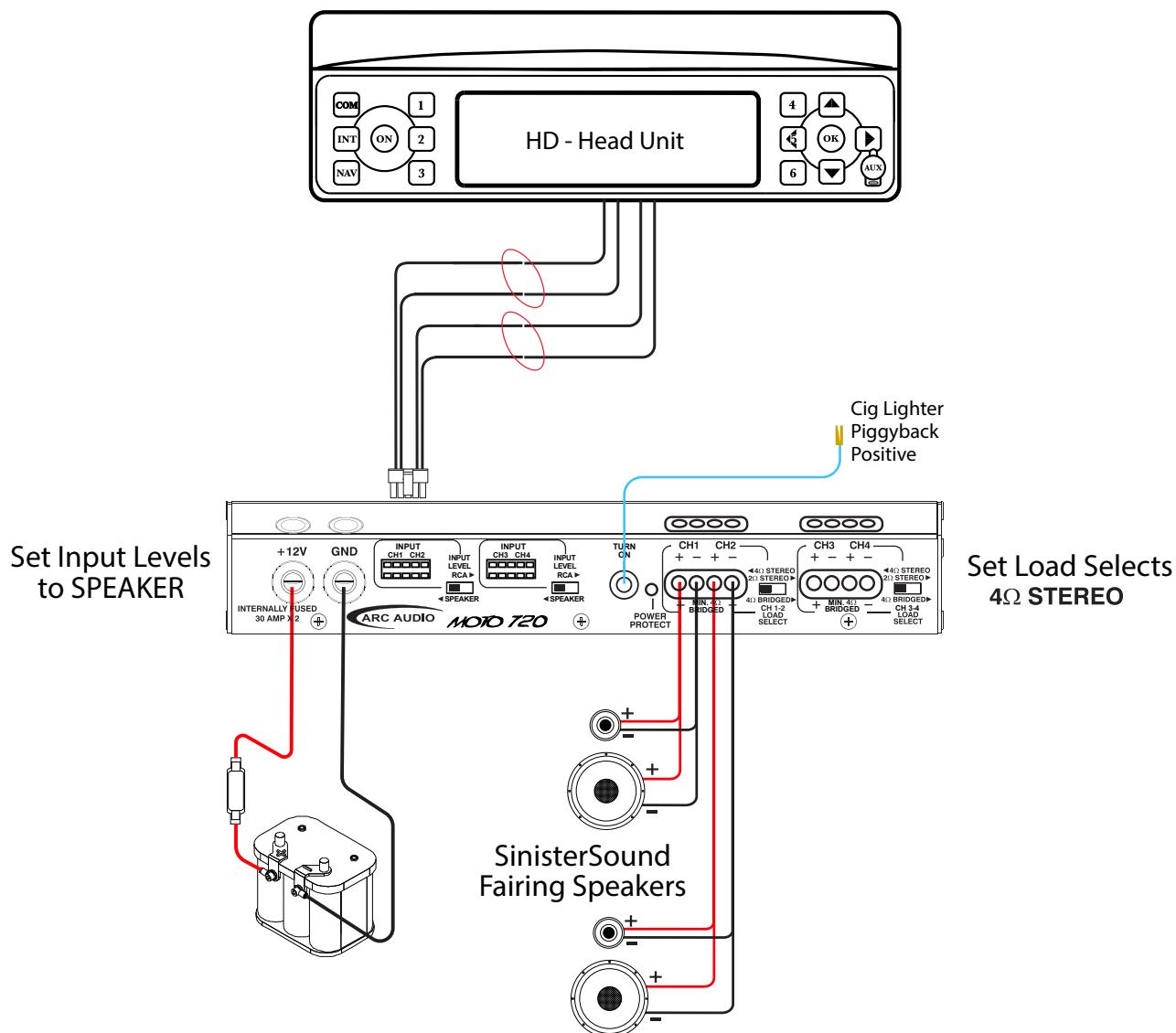
- [Moto720 Stock HD Head Unit - Sinister Fairing Kit](#)
- [Moto720 Kenwood/JVC Head Unit - Sinister Fairing Kit](#)
- [Moto720 Kenwood/JVC Head Unit - Sinister Fairing Kit + Lids](#)
- [Moto720 Kenwood/JVC Head Unit - Sinister Fairing Kit + Crazy 8's](#)
- [Moto720 Kenwood/JVC Head Unit - Sinister Fairing Kit + Tour Pack 5.25's](#)
- [Moto720 Sony Head Unit - Sinister Fairing Kit](#)
- [Moto720 Sony Head Unit - Sinister Fairing Kit + Lids](#)
- [Moto720 Sony Head Unit - Sinister Fairing Kit + Crazy 8's](#)
- [Moto720 Sony Head Unit - Sinister Fairing Kit + Tour Pack 5.25's](#)
- [Moto720 Aquatic AV AQ-MP-5BT-H Head Unit - Sinister Fairing Kit](#)
- [Moto720 Aquatic AV AQ-MP-5BT-H Head Unit - Sinister Fairing Kit + Lids](#)
- [Moto720 Aquatic AV AQ-MP-5BT-H Head Unit - Sinister Fairing Kit + Crazy 8's](#)
- [Moto720 Aquatic AV AQ-MP-5BT-H Head Unit - Sinister Fairing Kit + Tour Pack 5.25's](#)
- [Moto720 Aquatic AV AQ-MP-5UBT-HS Head Unit - Sinister Fairing Kit](#)
- [Moto720 Aquatic AV AQ-MP-5UBT-HS Head Unit - Sinister Fairing Kit + Lids](#)
- [Moto720 Aquatic AV AQ-MP-5UBT-HS Head Unit - Sinister Fairing Kit + Crazy 8's](#)
- [Moto720 Aquatic AV AQ-MP-5UBT-HS Head Unit - Sinister Fairing Kit + Tour Pack 5.25's](#)
- [Moto720 Rockford Fosgate Head Unit - Sinister Fairing Kit](#)
- [Moto720 Rockford Fosgate Head Unit - Sinister Fairing Kit + Lids](#)
- [Moto720 Rockford Fosgate Head Unit - Sinister Fairing Kit + Crazy 8's](#)
- [Diamond Audio Micro 2v2 - Sinister Fairing Kit](#)
- [Diamond Audio Micro 4v2 - Sinister Fairing Kit](#)

4. Connect the power and ground cable to the battery

5. Insert the fuse on the power and ground cable.

6. Continue to the [Testing and Tuning](#) section.

MOTO720 STOCK HD HEAD UNIT - SINISTER FAIRING KIT



Amp Settings

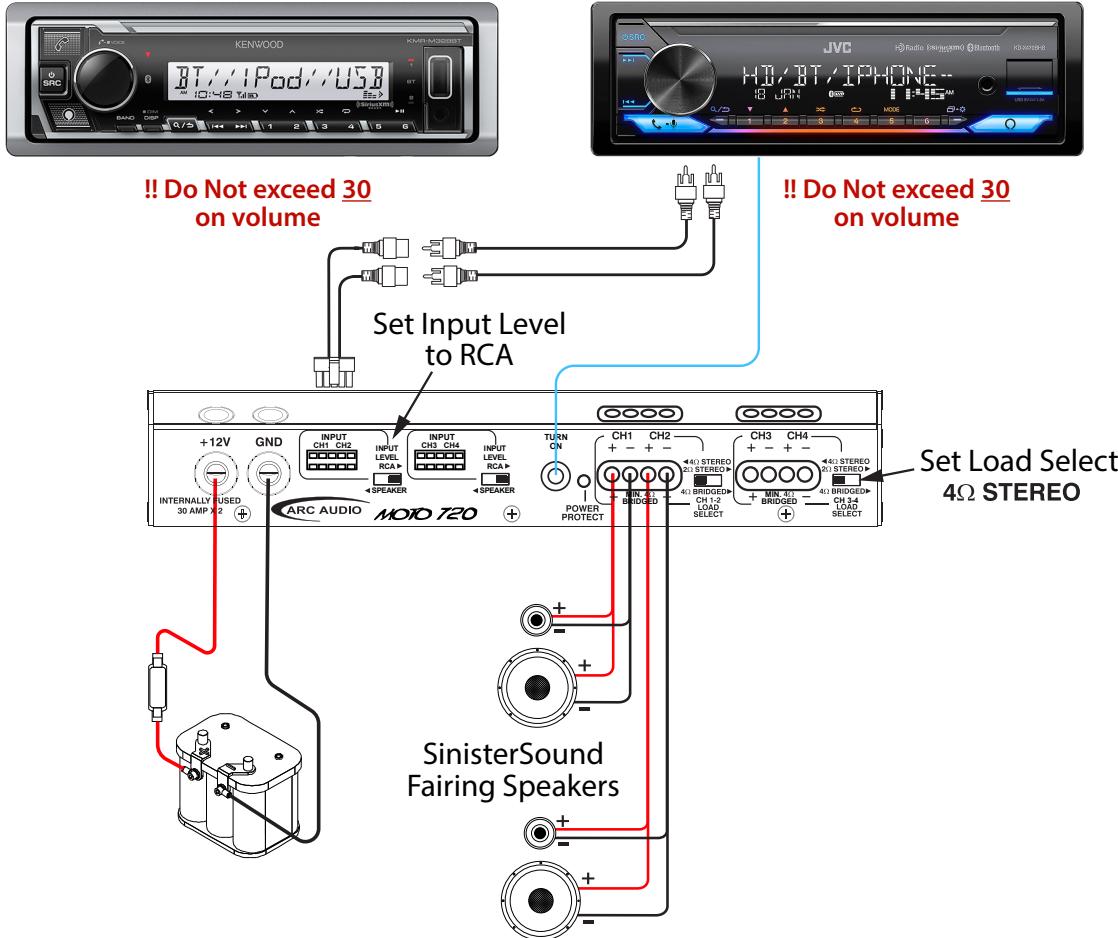
1. INPUT SELECT
2. CH3-4
3. Set FREQ to ~100
4. 2 CHANNEL BRIDGED (CH1-2 IN)
5. CH1-2
6. We recommend setting the head unit volume to 70% then slowly increase the gain until you start to hear distortion. Then back the gain off a few clicks.



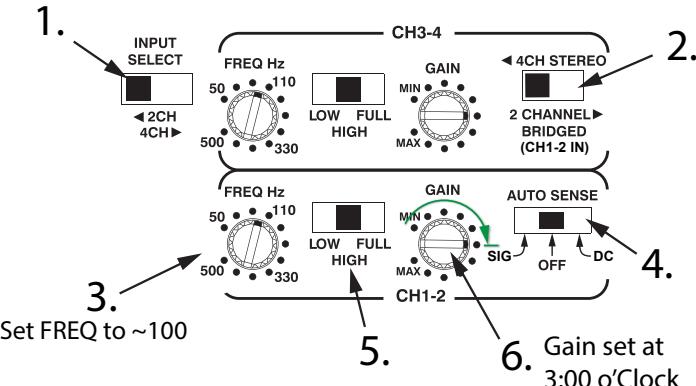
WARNING!

Setting the gains too high and exceeding 70% volume will result in equipment damage! Please call the tech line 1-812-363-2071 with questions!

MOTO720 KENWOOD/JVC - SINISTER FAIRING KIT



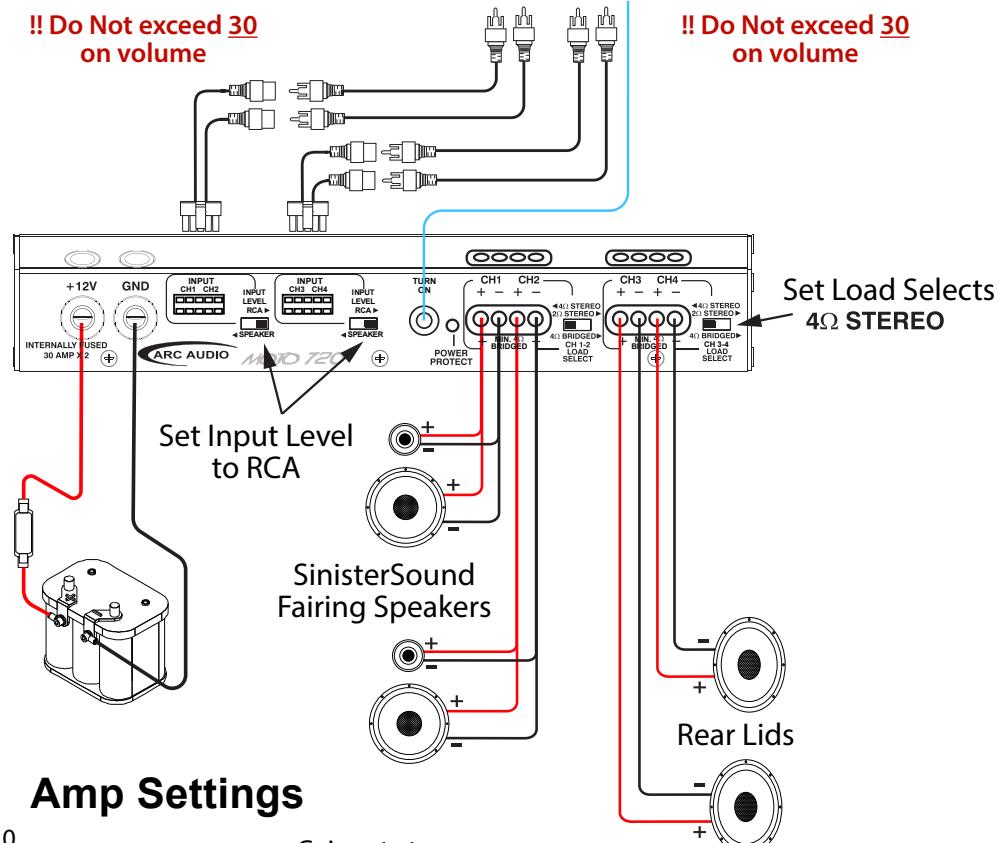
Amp Settings



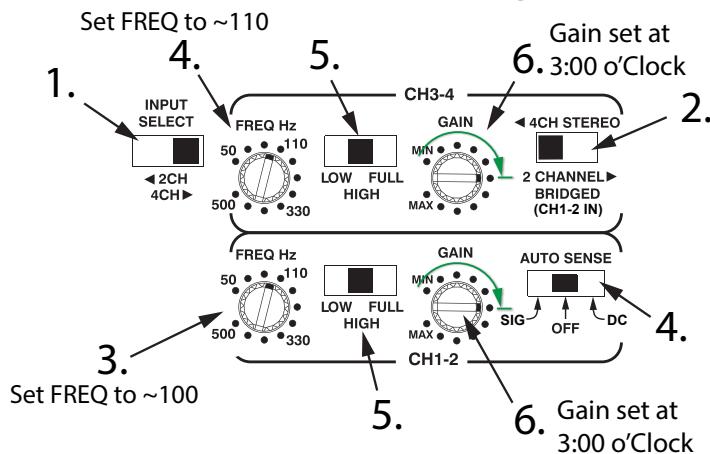


!! Do Not exceed 30 on volume

!! Do Not exceed 30 on volume



Amp Settings



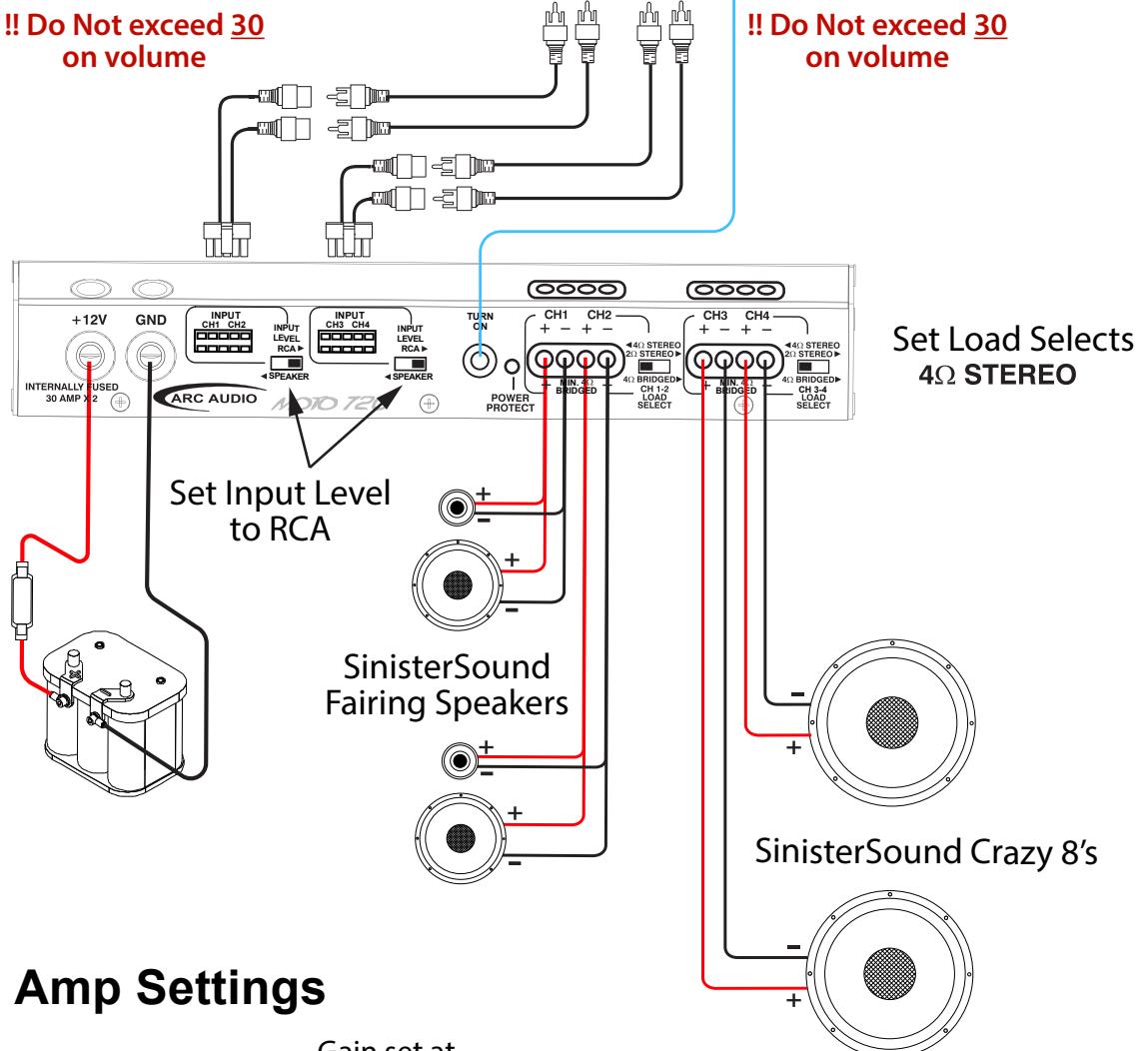
WARNING!
Exceeding these gain settings will result in equipment damage!
Exceeding the volume of 30 on the head unit will result in equipment damage!

MOTO720 KENWOOD/JVC - SINISTER FAIRING KIT + CRAZY 8'S



!! Do Not exceed 30 on volume

!! Do Not exceed 30 on volume



Amp Settings

- Set FREQ to 50

1. INPUT SELECT
2CH 4CH

4. FREQ Hz
50 110
500 330

5. LOW FULL HIGH

CH3-4 GAIN MIN MAX

6. 4:00 o'Clock

2. 4CH STEREO

2 CHANNEL BRIDGED (CH1-2 IN)

Set FREQ to ~100

3. FREQ Hz
50 110
500 330

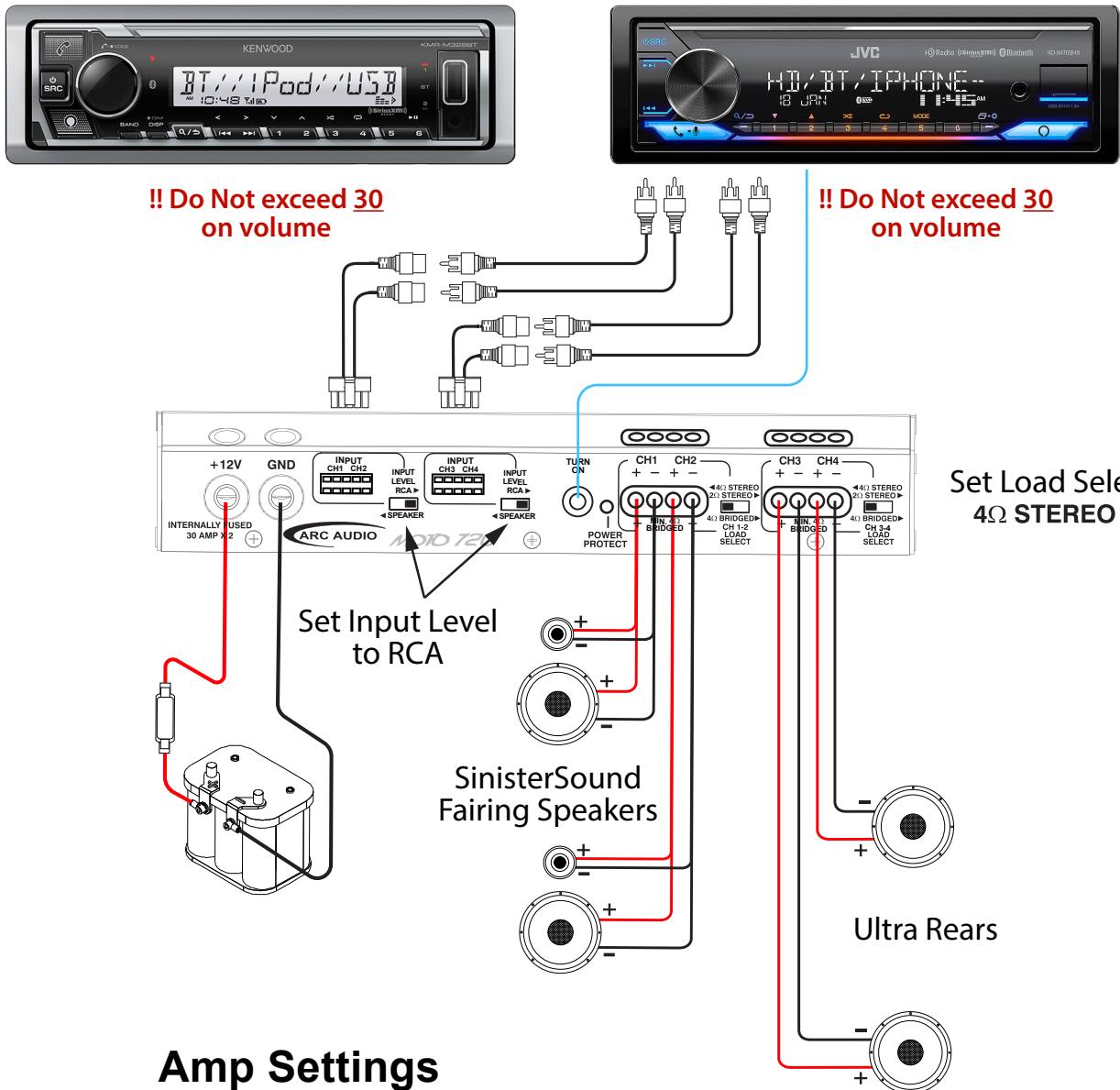
5. LOW FULL HIGH

CH1-2 GAIN MIN MAX

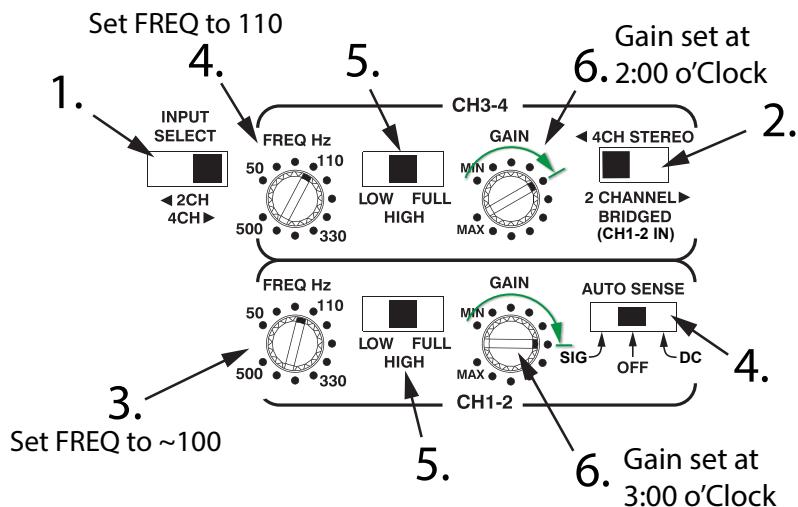
4. AUTO SENSE SIG OFF DC

6. Gain set at 3:00 o'Clock

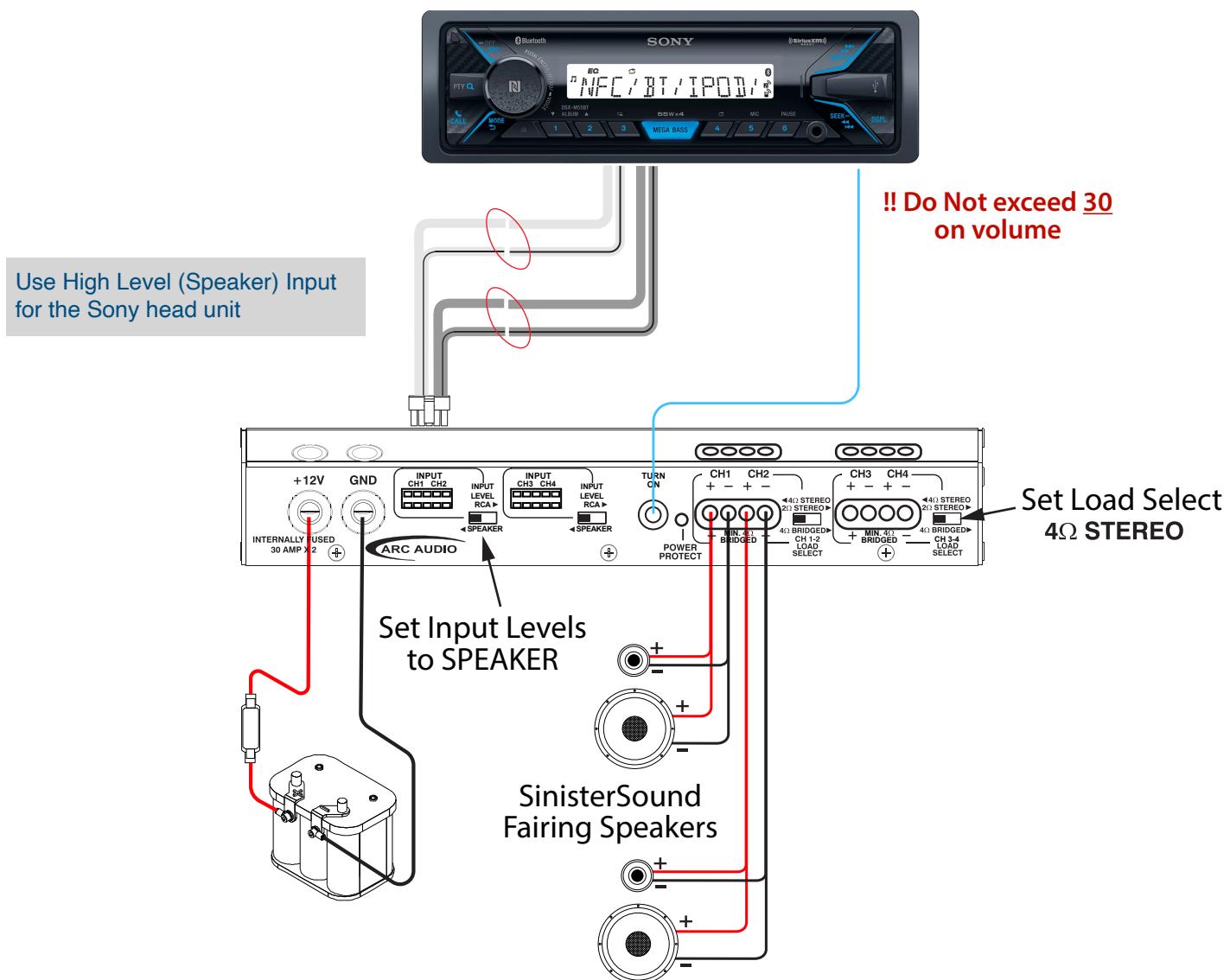




Amp Settings



MOTO720 SONY - SINISTER FAIRING KIT



Amp Settings

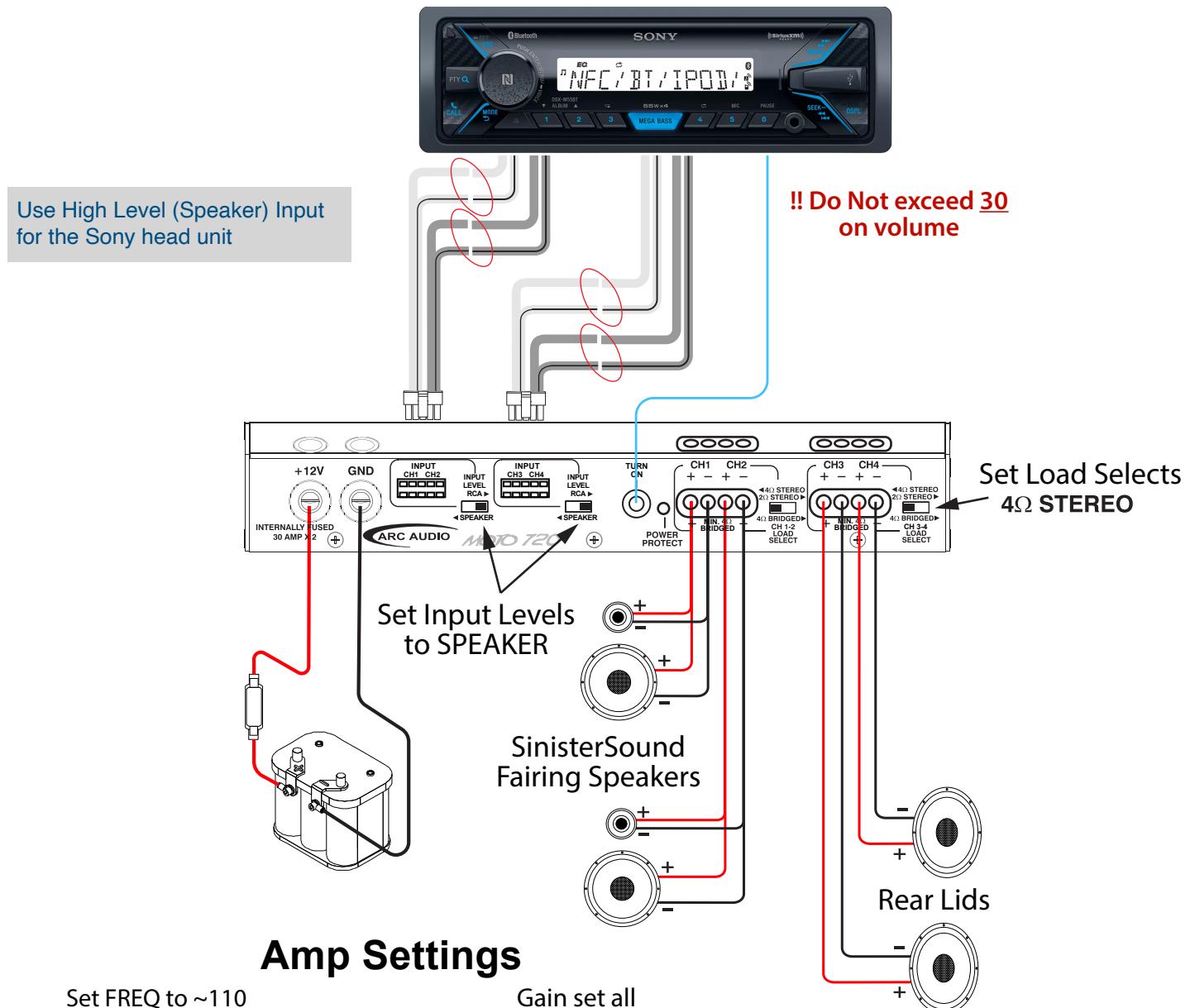
1. INPUT SELECT
2. CH3-4 FREQ Hz: 50, 110, 500, 330; LOW, FULL, HIGH; GAIN: MIN, MAX; 4CH STEREO
3. Set FREQ to ~100
4. CH1-2 FREQ Hz: 50, 110, 500, 330; LOW, FULL, HIGH; GAIN: MIN, MAX; AUTO SENSE: SIG, OFF, DC
5. Set FREQ to ~100
6. Gain set all the way down to MIN



WARNING!
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

MOTO720 SONY - SINISTER FAIRING KIT + LIDS



Amp Settings

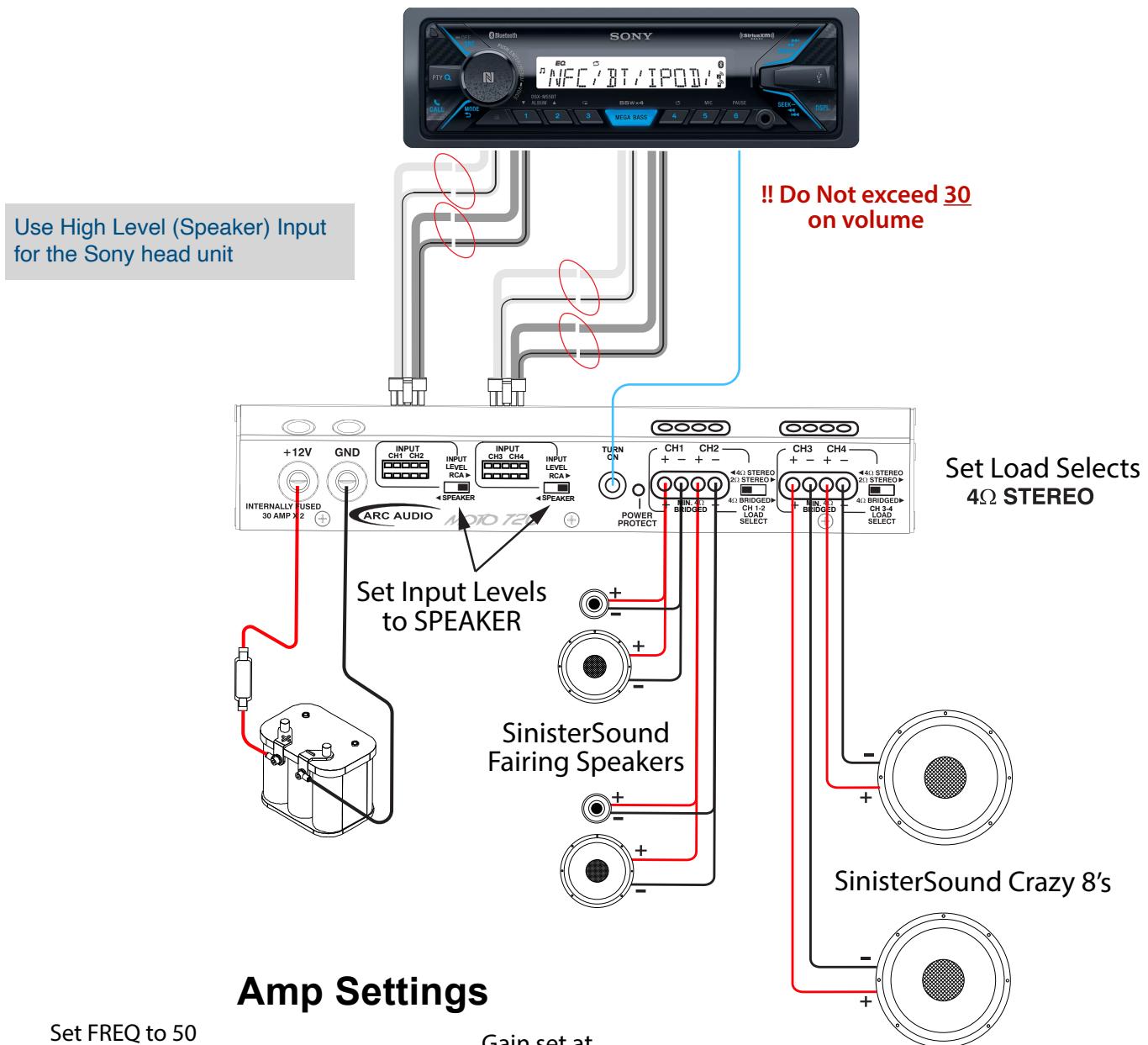
1. Set FREQ to ~100
 2. Set FREQ to ~110
 3. Set FREQ to ~100
 4. INPUT SELECT 4CH
 5. FREQ Hz 500, 50, 110, 330
 6. Gain set all the way down to MIN
1. Set FREQ to ~110
 2. 4CH STEREO
 3. 2 CHANNEL BRIDGED (CH1-2 IN)
 4. GAIN
 5. LOW, FULL, HIGH
 6. Gain set all the way down to MIN
1. Set FREQ to ~110
 2. 4CH STEREO
 3. 2 CHANNEL BRIDGED (CH1-2 IN)
 4. GAIN
 5. LOW, FULL, HIGH
 6. Gain set all the way down to MIN



WARNING!

Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!



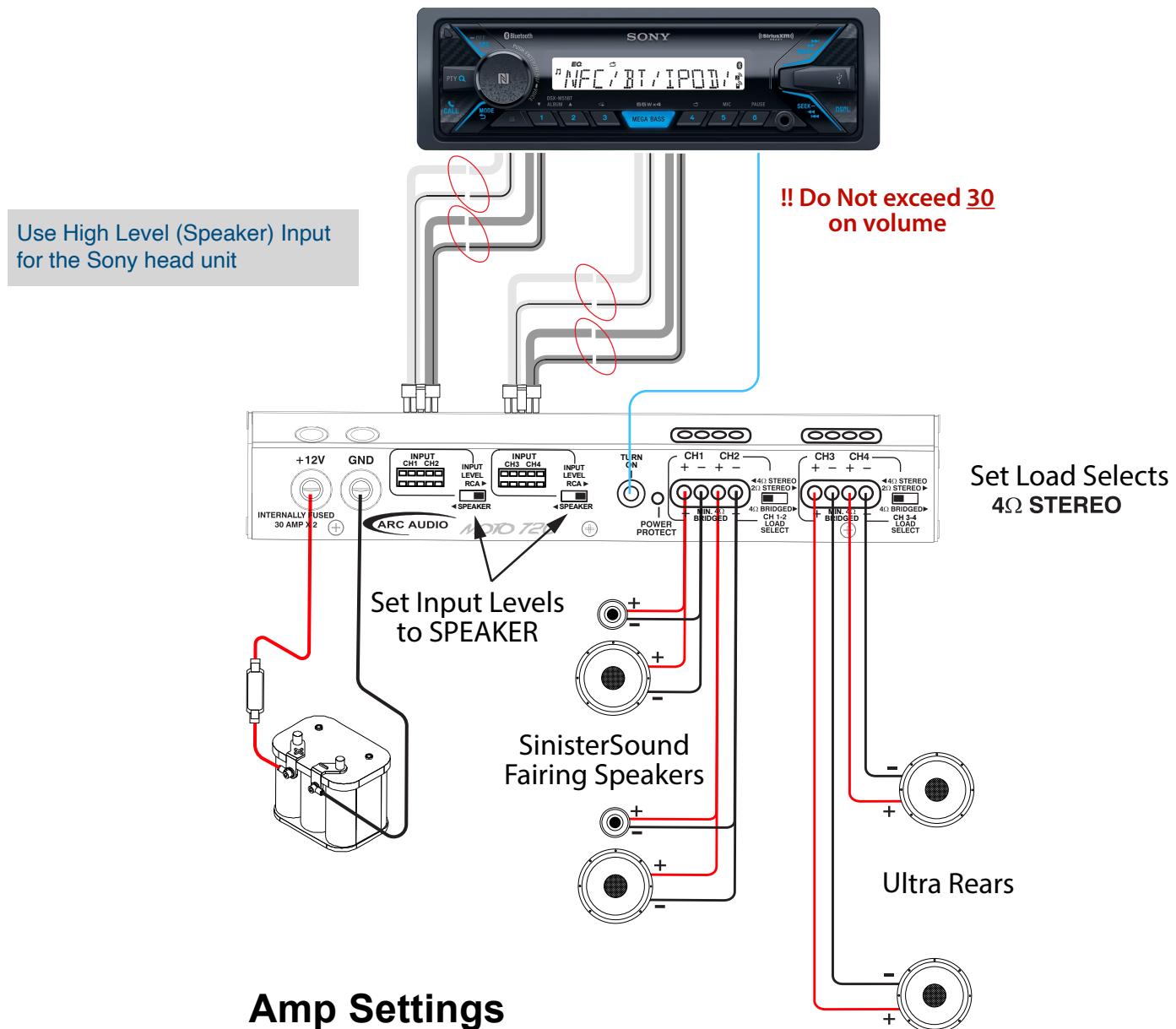
Amp Settings

1. Set FREQ to 50
 2. 4CH STEREO
 3. Set FREQ to ~100
 4. INPUT SELECT
 5. FREQ Hz
 6. Gain set at 10:30 o'Clock
1. Set FREQ to 50
 2. 2 CHANNEL BRIDGED (CH1-2 IN)
 3. FREQ Hz
 4. GAIN
 5. LOW FULL HIGH
 6. Gain set all the way down to MIN

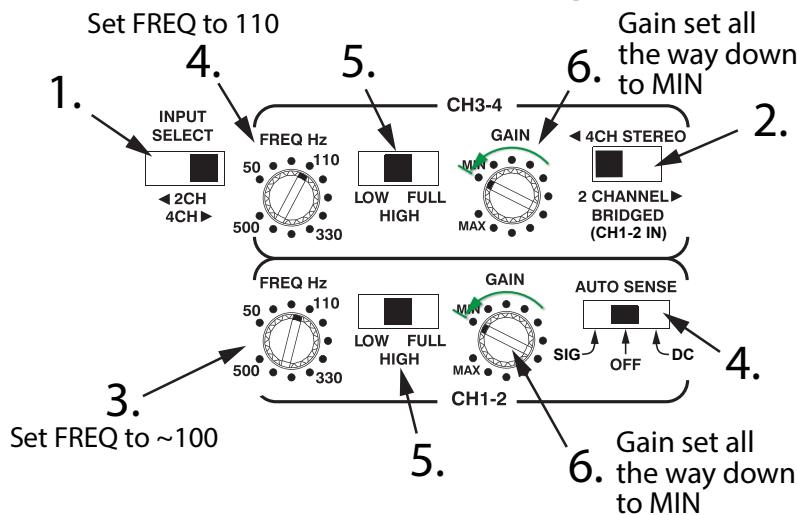


WARNING!
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!



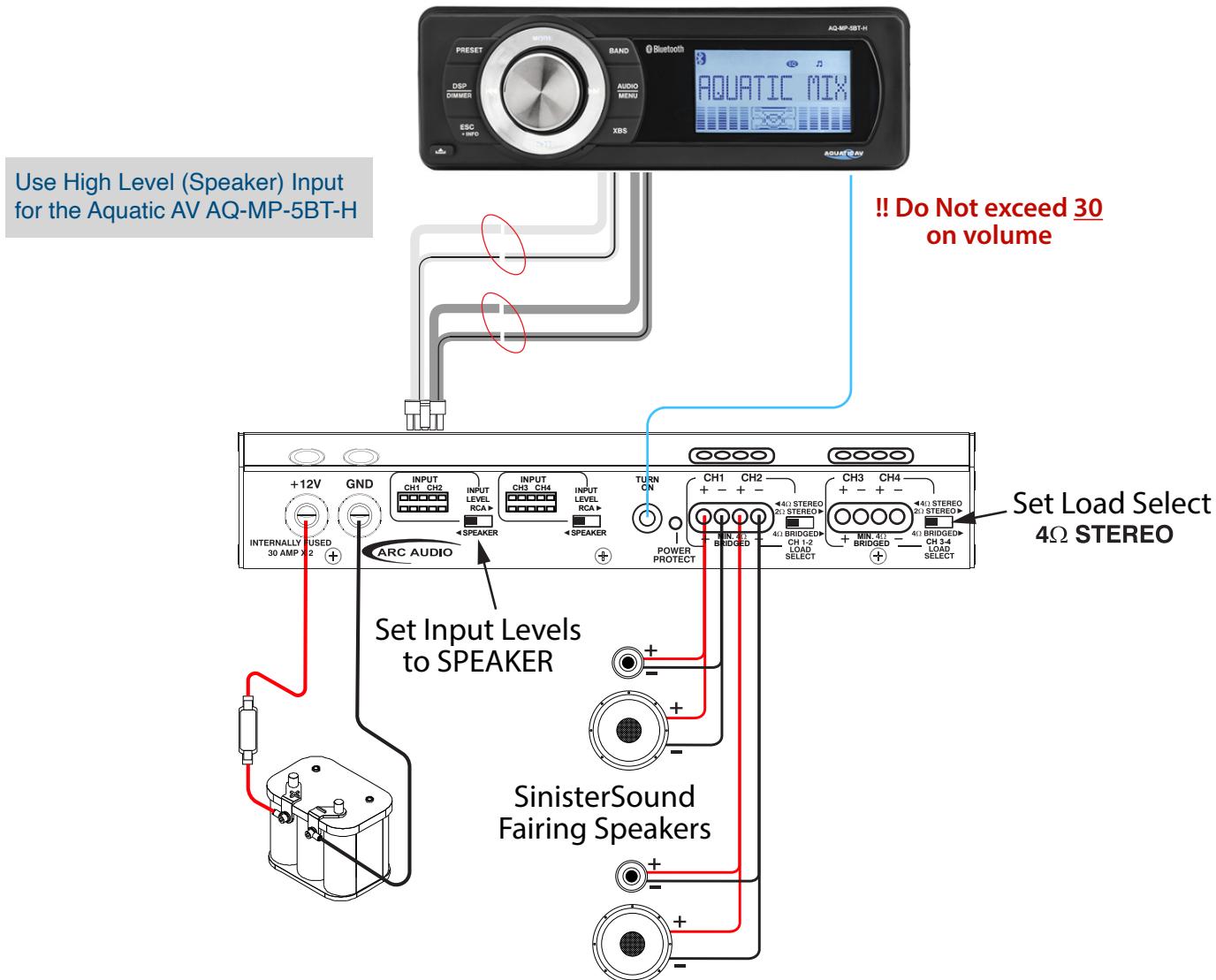
Amp Settings



WARNING!
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

MOTO720 AQUATIC AV AQ-MP-5BT-H - SINISTER FAIRING KIT

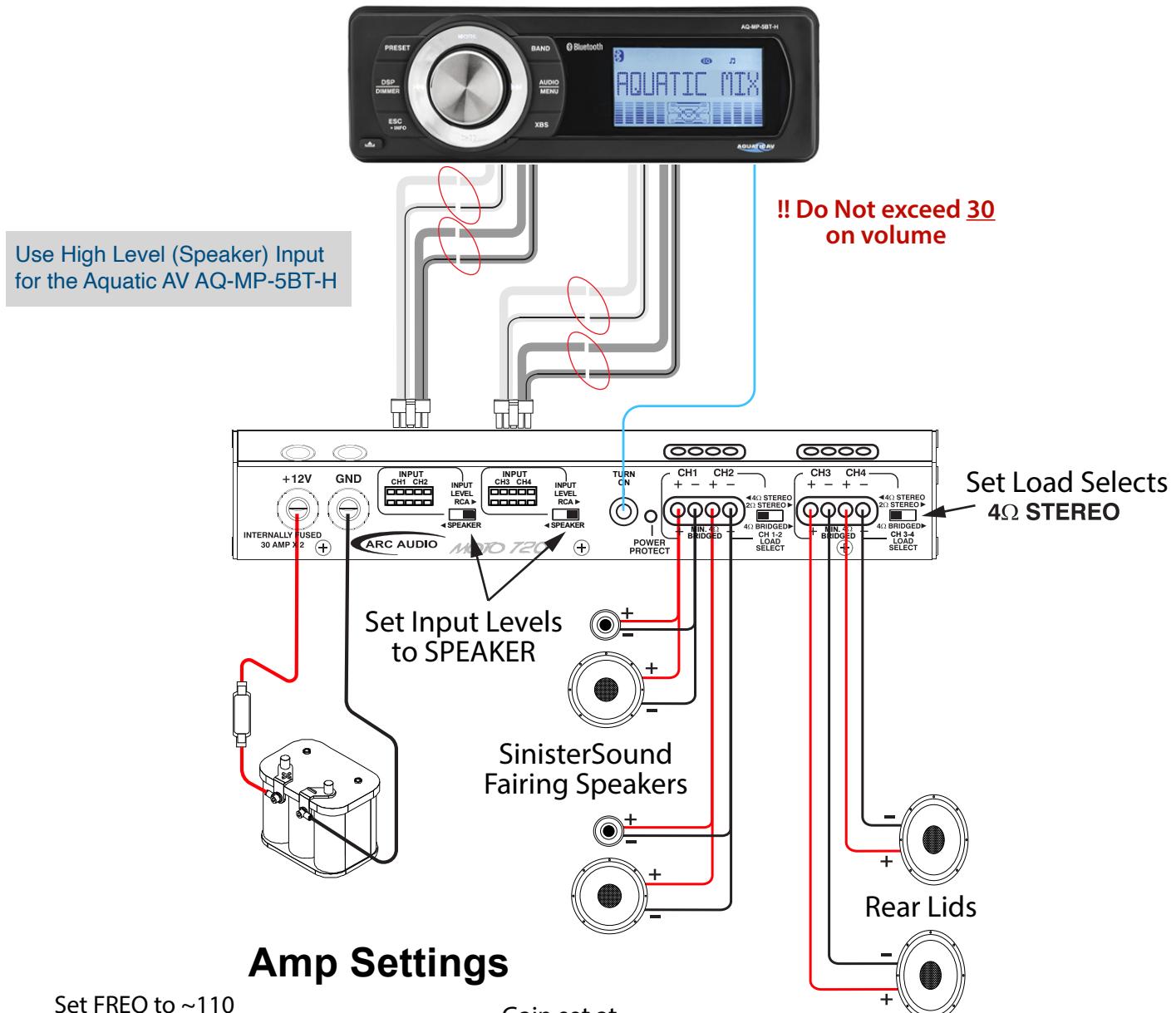


Amp Settings

1. INPUT SELECT □ 2CH 4CH ▶
2. CH3-4
FREQ Hz 50 110 500 330 LOW FULL HIGH GAIN MIN □ 4CH STEREO
3. Set FREQ to ~100
4. 2 CHANNEL BRIDGED (CH1-2 IN)
5. CH1-2
FREQ Hz 50 110 500 330 LOW FULL HIGH GAIN MIN AUTO SENSE SIG OFF DC
6. Gain set at 3:00 o'Clock

WARNING!
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!



Amp Settings

1. Set FREQ to ~100
2. 4 CHANNEL BRIDGED (CH1-2 IN)
3. Set FREQ to ~110
4. INPUT SELECT
5. CH1-2 LOW FULL HIGH
6. Gain set at 3:00 o'Clock

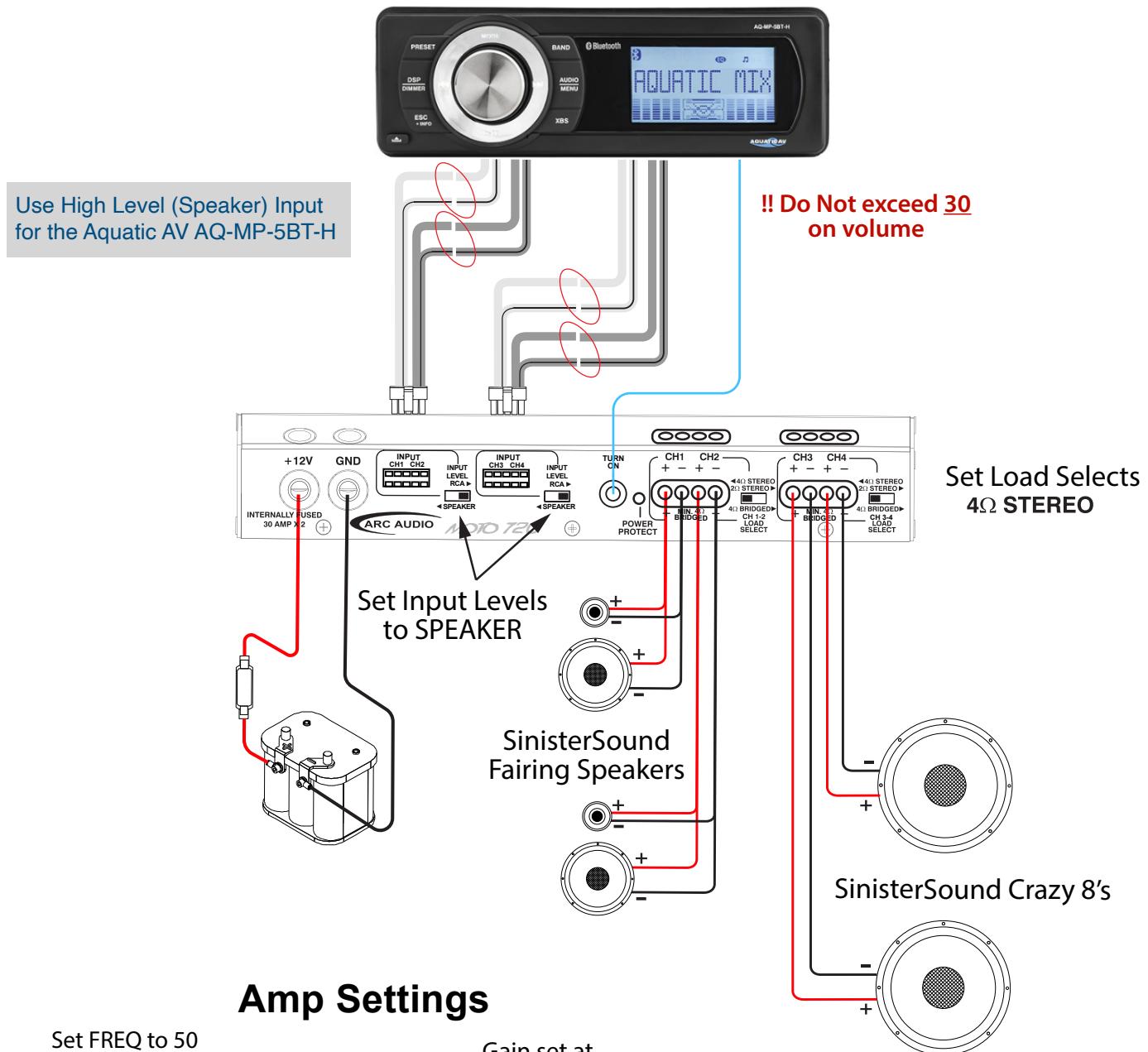
1. INPUT SELECT
2. 4 CHANNEL BRIDGED (CH1-2 IN)
3. Set FREQ to ~110
4. GAIN
5. CH3-4 LOW FULL HIGH
6. Gain set at 3:00 o'Clock

WARNING!

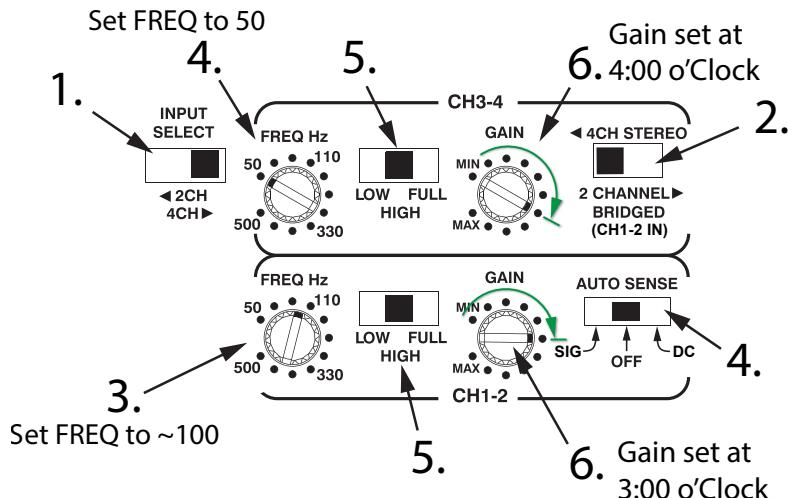
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

MOTO720 AQUATIC AV AQ-MP-5BT-H - SINISTER FAIRING KIT + CRAZY 8'S

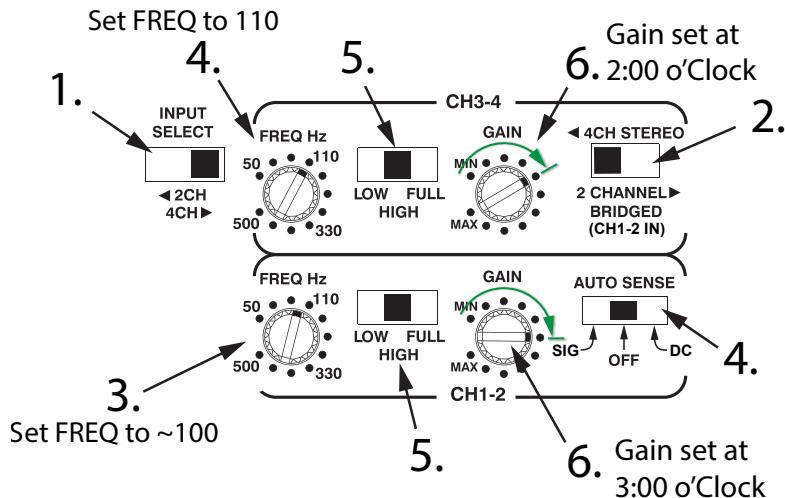
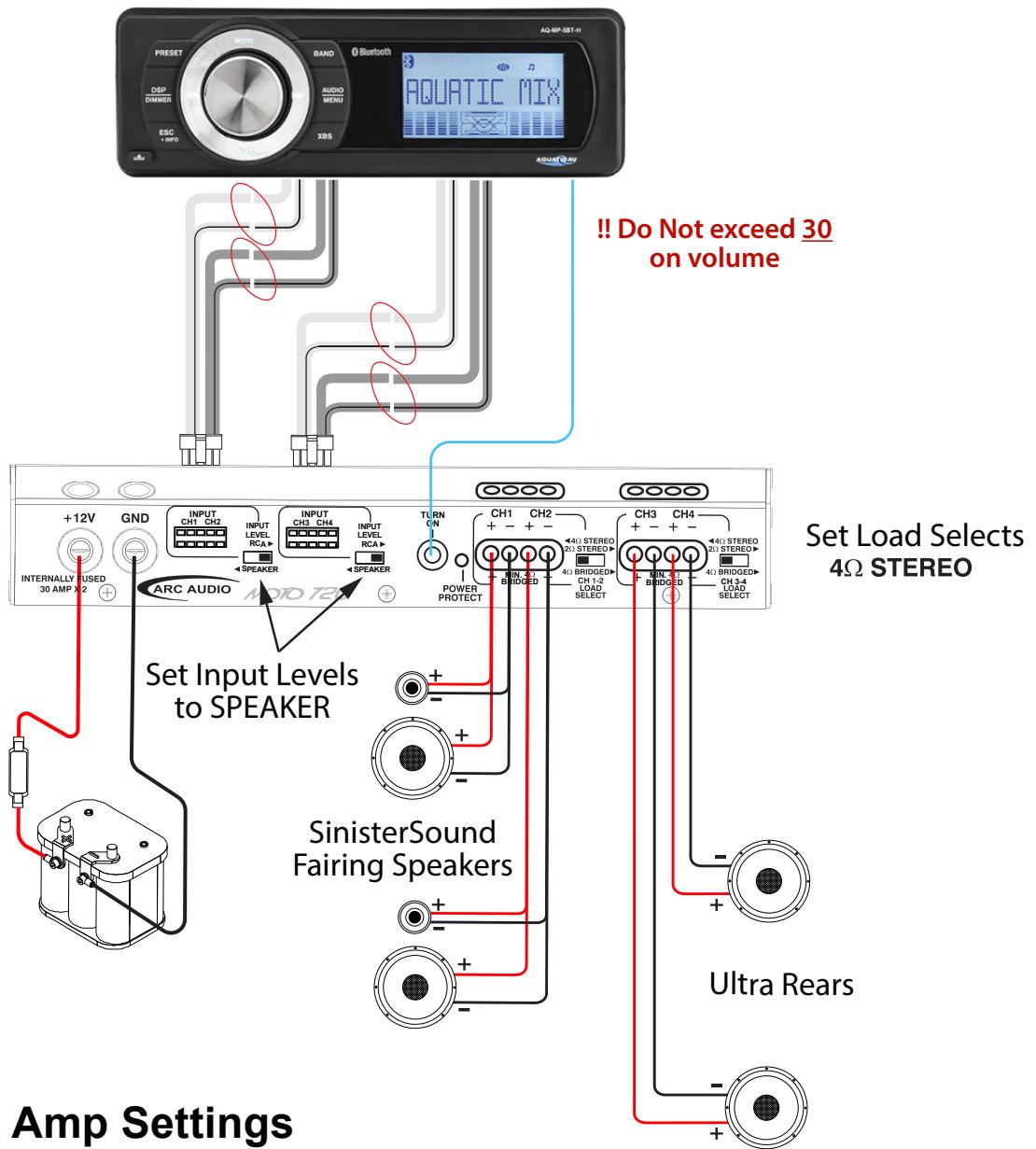


Amp Settings

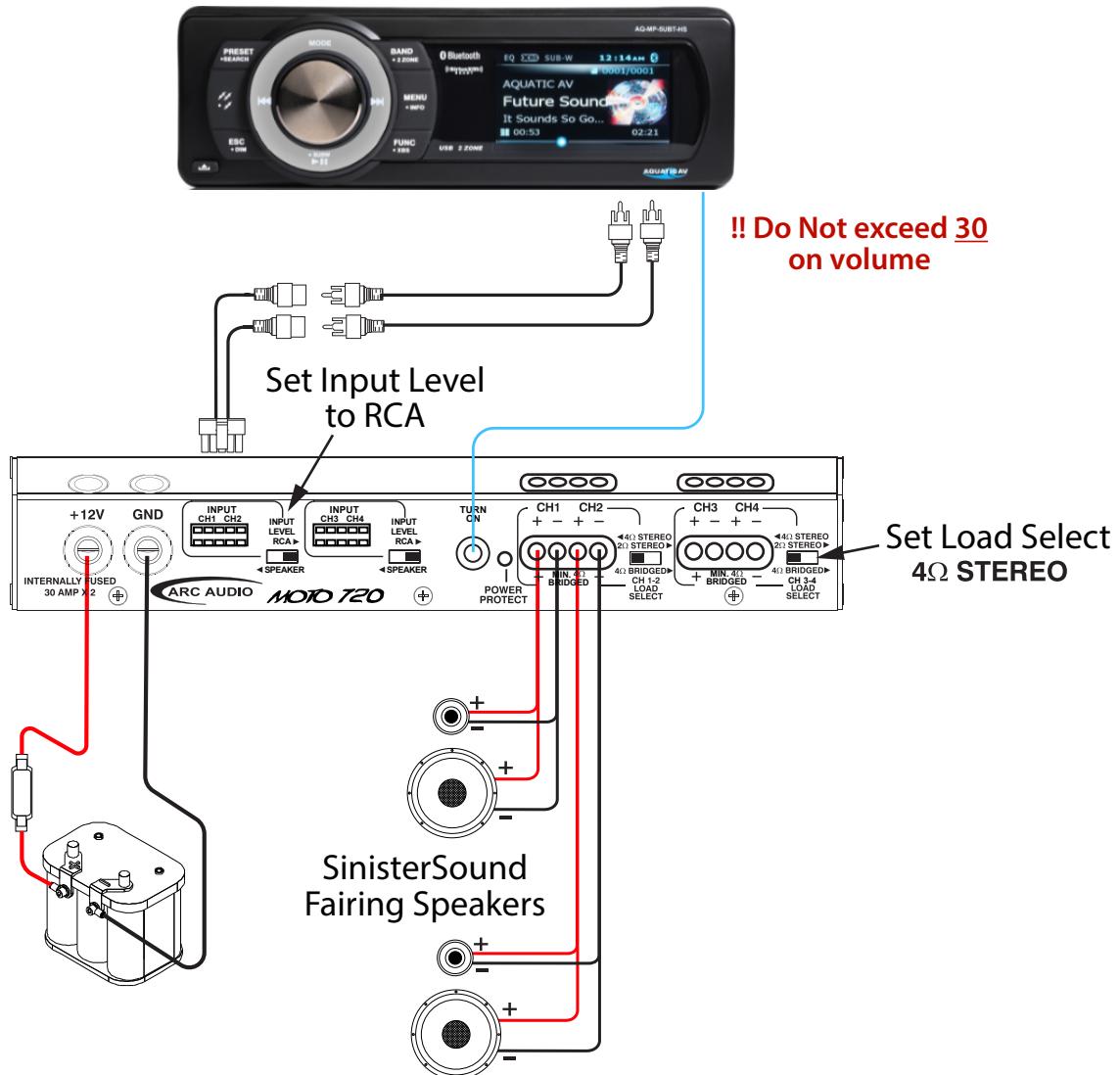


WARNING!
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!



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Exceeding these gain settings will result in equipment damage!
Exceeding the volume of 30 on the head unit will result in equipment damage!



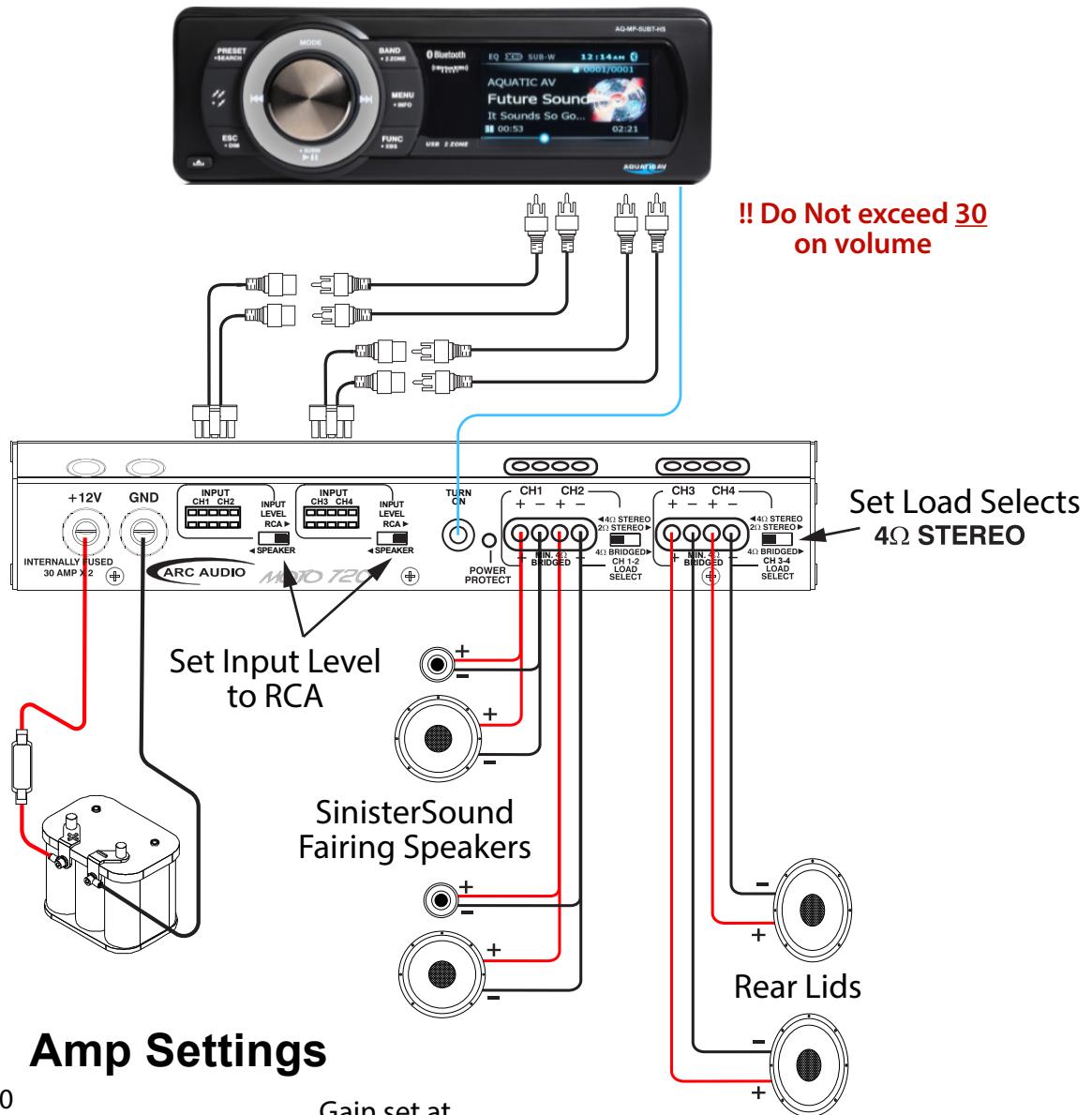
Amp Settings

1. INPUT SELECT
2. CH3-4
3. Set FREQ to ~100
4. AUTO SENSE
5. CH1-2
6. Gain set at 3:00 o'Clock

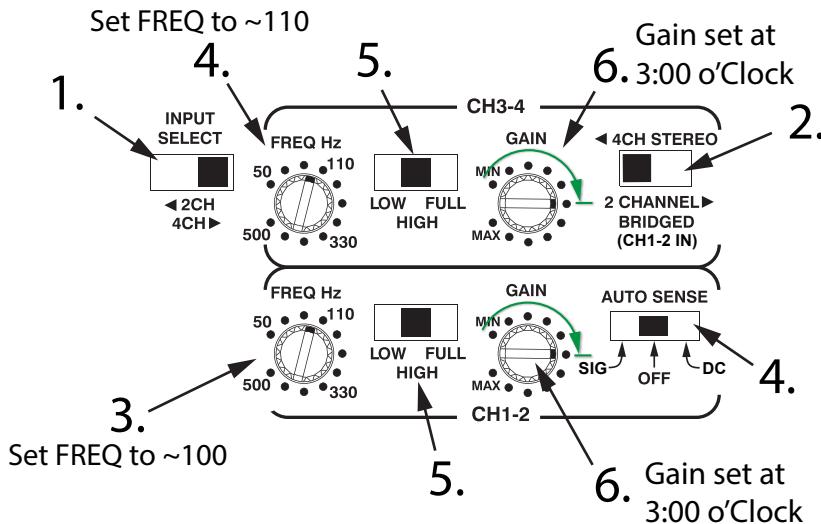


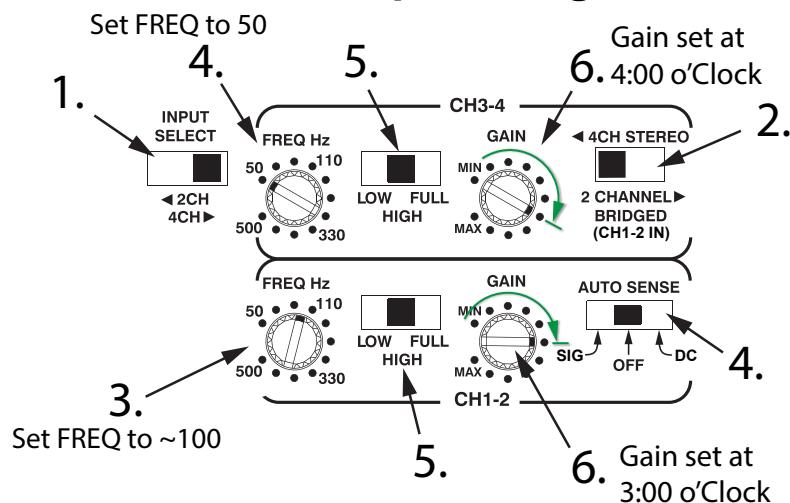
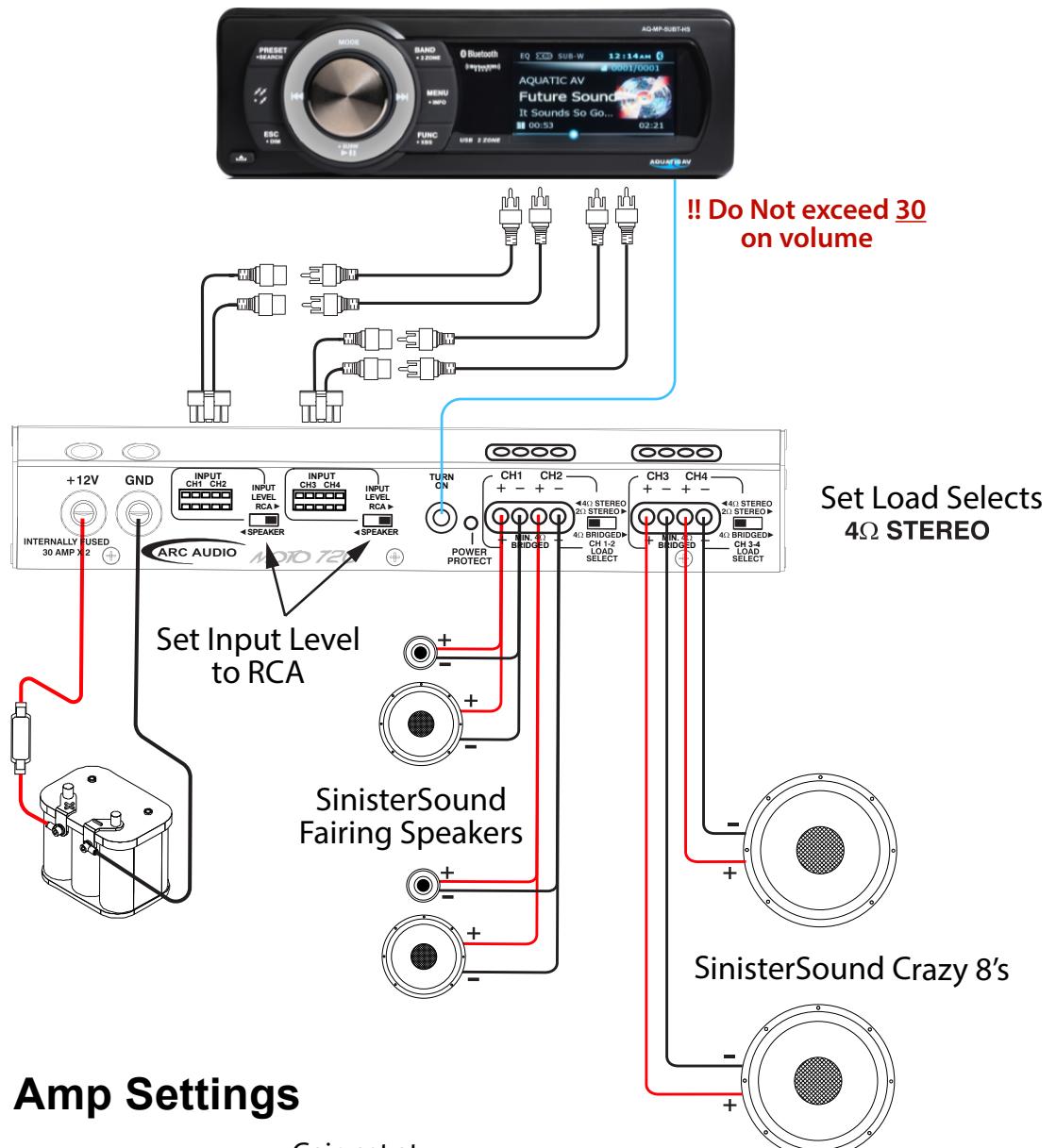
WARNING!
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Exceeding the volume of 30 on the head unit will result in equipment damage!



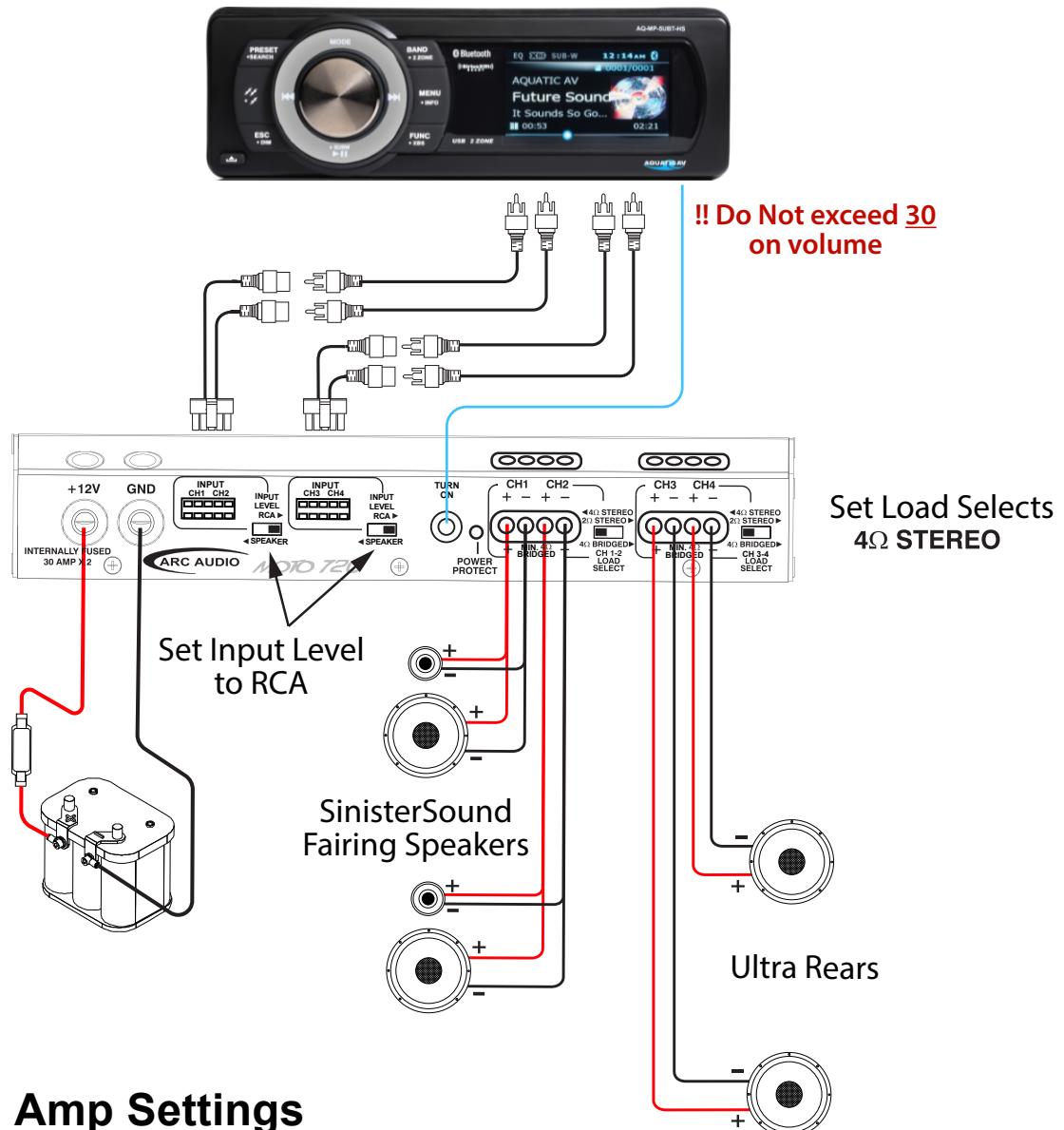
Amp Settings





Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!



Amp Settings

1. Set FREQ to ~100
2. 2 CHANNEL BRIDGED (CH1-2 IN)
3. Set FREQ to 110
4. CH1-2
5. CH3-4
6. Gain set at 3:00 o'Clock
1. INPUT SELECT
2. 4CH STEREO
3. GAIN
4. AUTO SENSE
5. SIG
6. DC



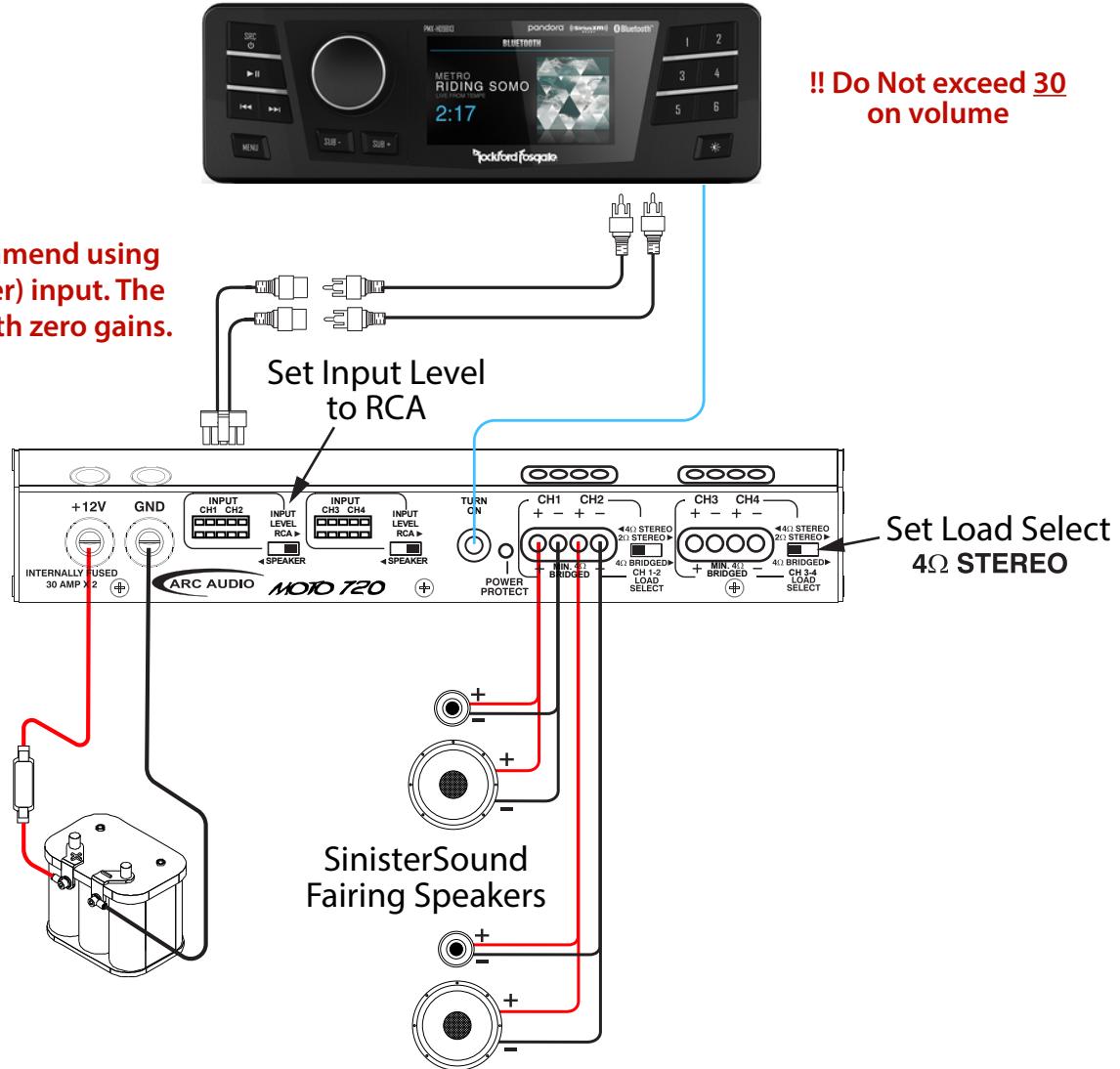
WARNING!

Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

MOTO720 ROCKFORD FOSGATE - SINISTER FAIRING KIT

!! We do not recommend using High Level (Speaker) input. The Radio Clips at 18 with zero gains.



!! Do Not exceed 30 on volume

Amp Settings

1. INPUT SELECT
2. 4CH STEREO
3. Set FREQ to ~100
4. AUTO SENSE
5. CH1-2
6. Gain set at 1:30 o'Clock



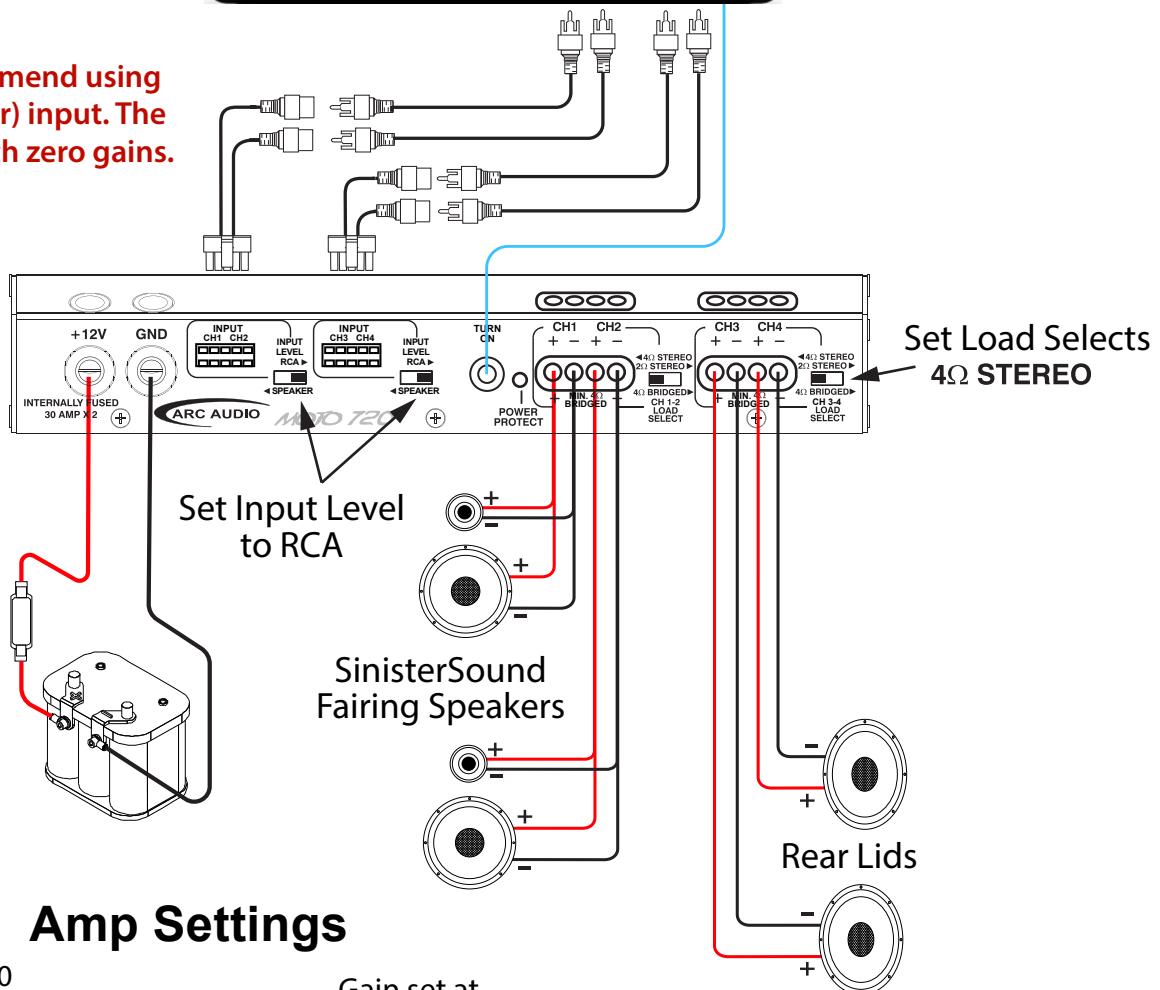
WARNING!
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

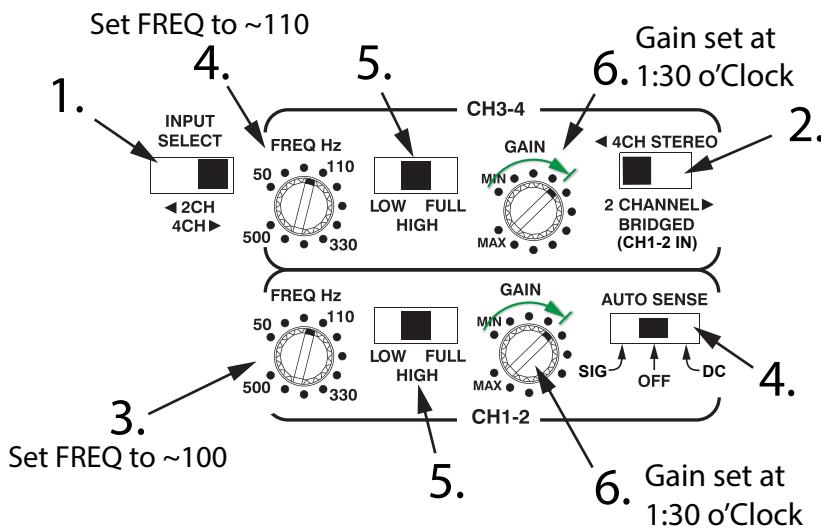
!! We do not recommend using High Level (Speaker) input. The Radio Clips at 18 with zero gains.



!! Do Not exceed 30 on volume



Amp Settings



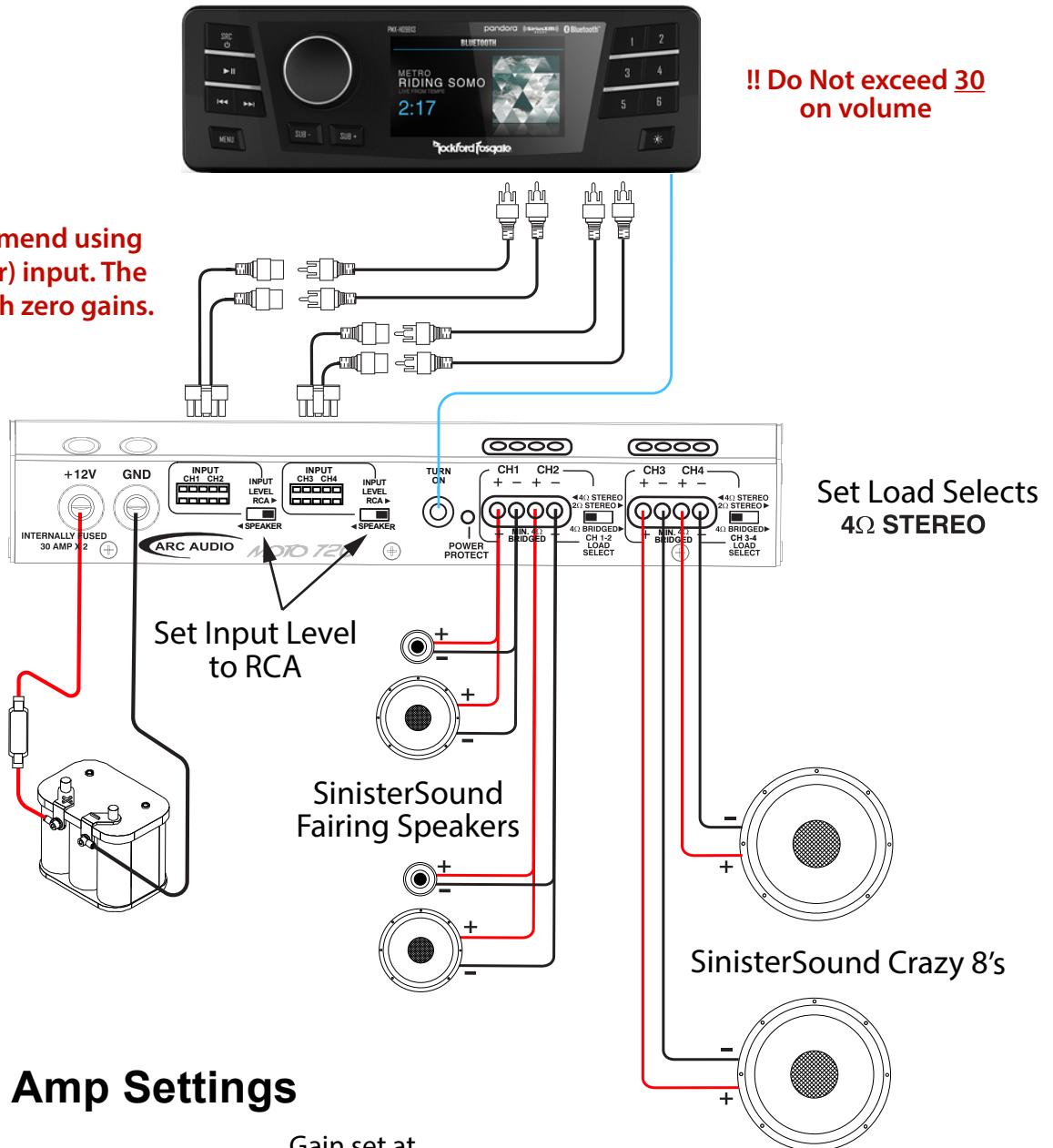
WARNING!

Exceeding these gain settings will result in equipment damage!

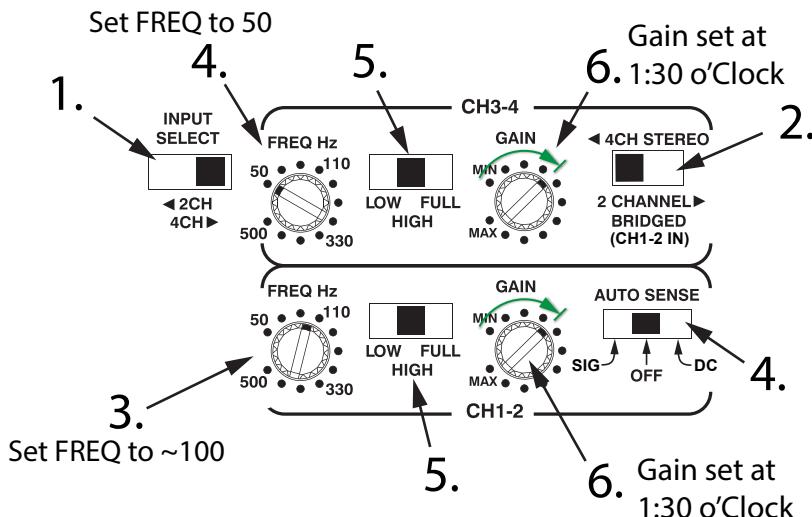
Exceeding the volume of 30 on the head unit will result in equipment damage!

MOTO720 ROCKFORD FOSGATE - SINISTER FAIRING KIT + CRAZY 8'S

!! We do not recommend using High Level (Speaker) input. The Radio Clips at 18 with zero gains.



Amp Settings



WARNING!

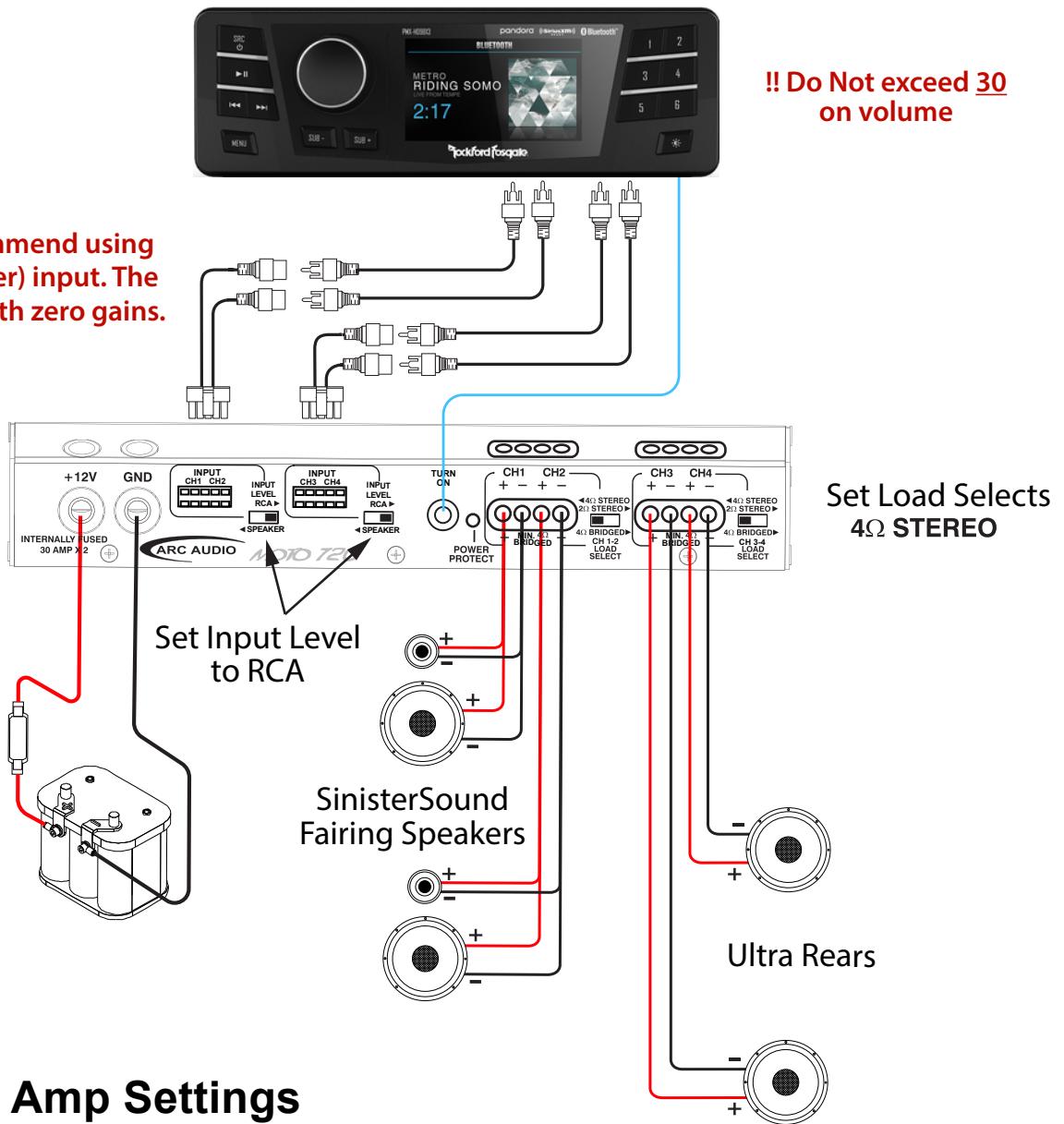
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

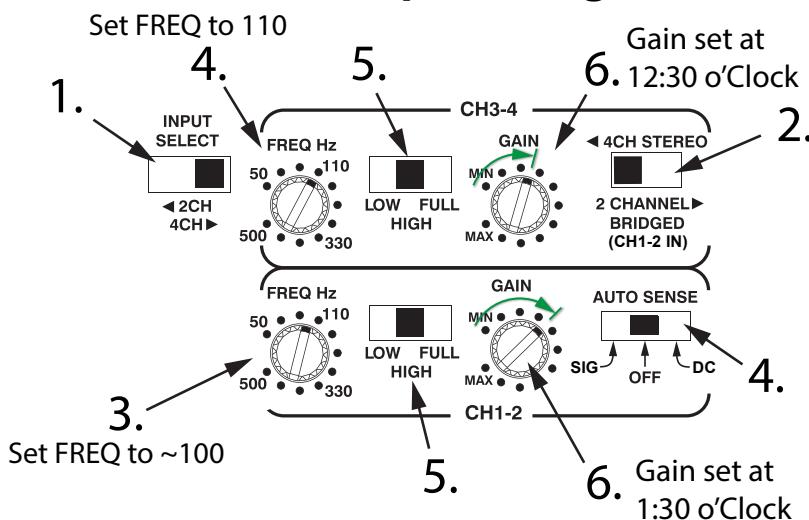
!! We do not recommend using High Level (Speaker) input. The Radio Clips at 18 with zero gains.



!! Do Not exceed 30 on volume



Amp Settings



WARNING!

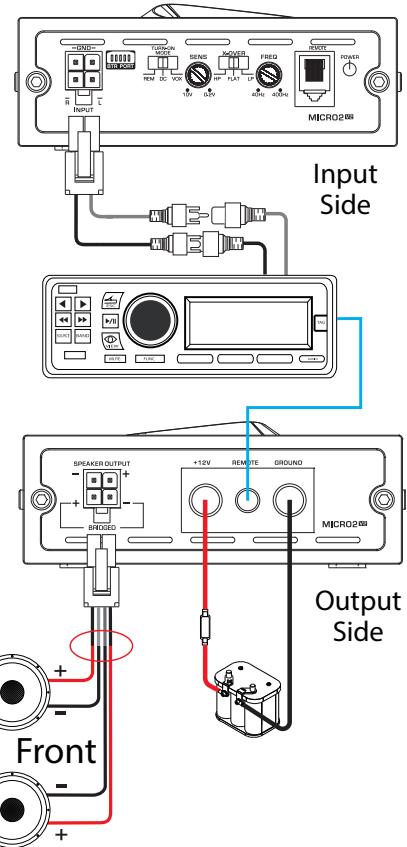
Exceeding these gain settings will result in equipment damage!

Exceeding the volume of 30 on the head unit will result in equipment damage!

DIAMOND AUDIO AMPLIFIER WIRING AND SETTINGS

DIAMOND AUDIO MICRO 2V2

1. Remove the fuse from the SinisterSound power and ground cable.
2. Connect the SinisterSound power and ground cable to the amplifier and route towards the battery through the cable channel under the tank.
3. Connect the RCA harness to the amplifier Input port and the RCA's to the output ports of the head unit. Connect the remote turn on wire to the head unit wiring harness.
4. Connect the speaker pod wires to the CH1 and CH2 output harness and connect the harness to the amplifier.
5. Change the amplifier settings as shown in the table below.
6. Connect the power and ground cable to the battery
7. Insert the fuse on the power and ground cable.
8. Turn bike ignition switch to Accessory.
9. Choose a music source and play.
10. We recommend setting the head unit volume to 70% then slowly increase the gain (SENS) until you start to hear distortion. Then back the gain (SENS) off a few clicks.



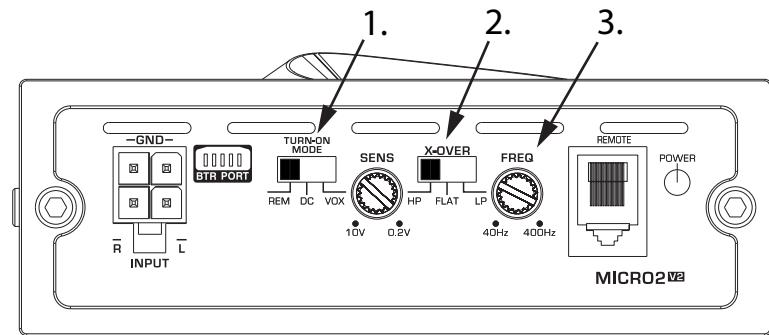
WARNING!

Setting the gains too high and exceeding 70% volume will result in equipment damage!

***Please call the tech line
1-812-363-2071 with questions!***

DIAMOND AUDIO 2V2 AMPLIFIER SETTINGS

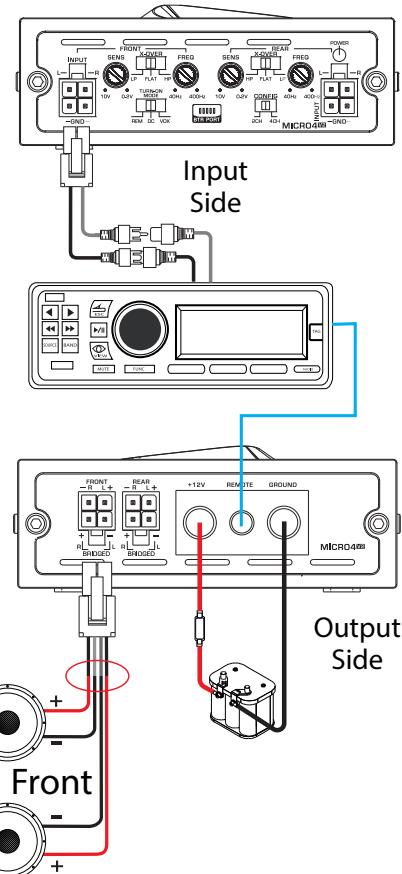
DIAMOND AUDIO 2V2 INPUT SIDE



1. SET TURN-ON MODE TO REM
2. SET X-OVER TO HP
3. SET FREQ TO AROUND 100HZ (A COUPLE OF CLICKS CLOCKWISE FROM HORIZONTAL)

DIAMOND AUDIO MICRO 4V2

1. Remove the fuse from the SinisterSound power and ground cable.
2. Connect the SinisterSound power and ground cable to the amplifier and route towards the battery through the cable channel under the tank.
3. Connect the RCA harness to the amplifier Input port and the RCA's to the output ports of the head unit. Connect the remote turn on wire to the head unit wiring harness.
4. Connect the speaker pod wires to the CH1 and CH2 output harness and connect the harness to the amplifier.
5. Change the amplifier settings as shown in the table below.
6. Connect the power and ground cable to the battery
7. Insert the fuse on the power and ground cable.
8. Turn bike ignition switch to Accessory.
9. Choose a music source and play.
10. We recommend setting the head unit volume to 70% then slowly increase the gain (SENS) until you start to hear distortion. Then back the gain off a few clicks.

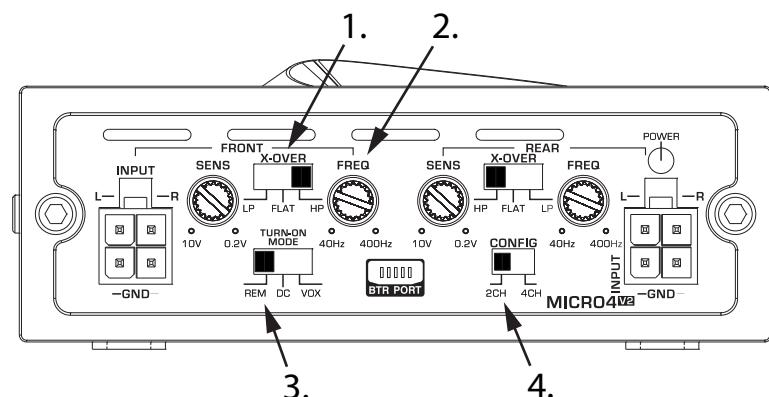


WARNING!

***Setting the gains too high and exceeding 70% volume will result in equipment damage!
Please call the tech line 1-812-363-2071 with questions!***

DIAMOND AUDIO 4V2 AMPLIFIER SETTINGS

DIAMOND AUDIO 4V2 INPUT SIDE



1. SET X-OVER TO HP
2. SET FREQ TO AROUND 100HZ (A COUPLE OF CLICKS CLOCKWISE FROM HORIZONTAL)
3. SET TURN-ON MODE TO REM
4. SET CONFIG TO 2CH

TESTING AND TUNING

1. Turn bike ignition switch to Accessory.
2. Choose a music source and play.
3. Check that grip controls are functioning properly.
4. Adjust the head unit equalizer per Equalizer Settings Section on the next page.
5. Once you are satisfied that everything is functioning properly, move on to the Finishing the Installation section.

EQUALIZER SETTINGS

KENWOOD/JVC EQUALIZER SETTINGS

62.5Hz:	<input type="checkbox"/>	1KHz:	-1
100Hz:	+2	1.6KHz:	-2
160Hz:	+2	2.5KHz:	-2
250Hz:	+1	4.0KHz:	-2
400Hz:	<input type="checkbox"/>	6.3KHz:	-2
630Hz:	<input type="checkbox"/>	10KHz:	-2

NOTE: The EQ settings on the Kenwood and JVC models have to be set for each source you plan to use (USB, BT, Tuner, etc.)

SONY EQUALIZER SETTINGS

BAND 1 (LOW):	+1
BAND 2 (MID-LOW):	+2
BAND 3 (MID):	<input type="checkbox"/>
BAND 4 (MID HIGH):	-2
BAND 5 (HIGH):	-1

AQUATIC AV (ALL HEAD UNITS) EQUALIZER SETTINGS

BASS:	<input type="checkbox"/>
MID:	+1
TREBLE:	-3

ROCKFORD EQUALIZER SETTINGS

80Hz:	+3
250Hz:	+3
500Hz:	<input type="checkbox"/>
1Khz:	-3
2Khz:	-3
4Khz:	-2
10Khz:	<input type="checkbox"/>

FINISHING THE INSTALLATION

- 1 Install plastic rain shield to the top of the amp.
- 2 Reinstall fairing.
- 3 Reinstall seat if previously removed.
- 3 Enjoy your new system!

