



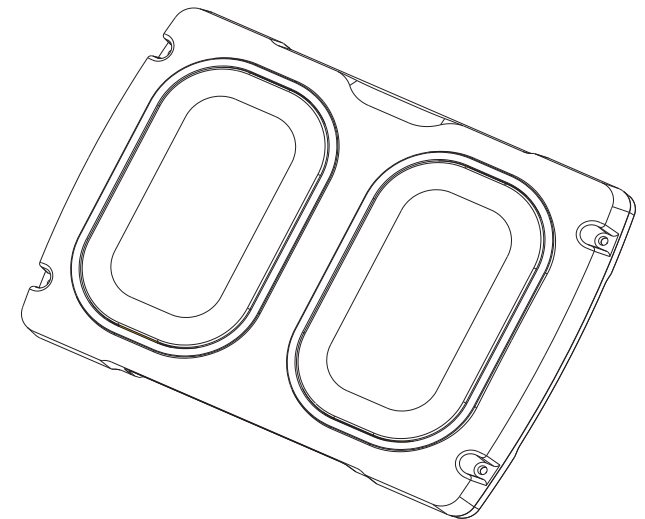
cdtaudio

*let the music begin*

High-End Audiophile Grade  
Active Subwoofer

**MiniMax 400**

**MiniMax 320**



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*let the music begin*

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OWNER'S MANUAL

### Smooth tight fast bass response even at highest sound levels Active Subwoofer Engineering Masterpiece

Understanding how the basic design differences influence the new CDT Audio MiniMax active subwoofer system compare with ordinary competition system.

This will enable you and your installer to design a sound system both advancing your listening preferences and exceeding your listening expectations.

The CDT Audio MiniMax active subwoofer system is designed for both audiophile and SPL users.

The MiniMax active subwoofer system is built for audiophile listeners who sometimes like to turn the volume up on some heavy rock and metal, but still maintain a feel of smooth, tight and fast bass response.

These engineering masterpieces simultaneously deal with the need to move the large amounts of air necessary to overcome the 70+ dB of bass making road noise in the moving automotive interior.

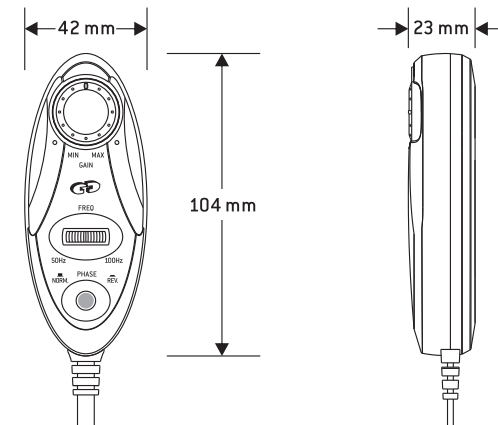
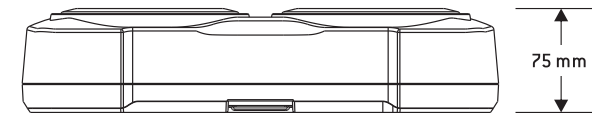
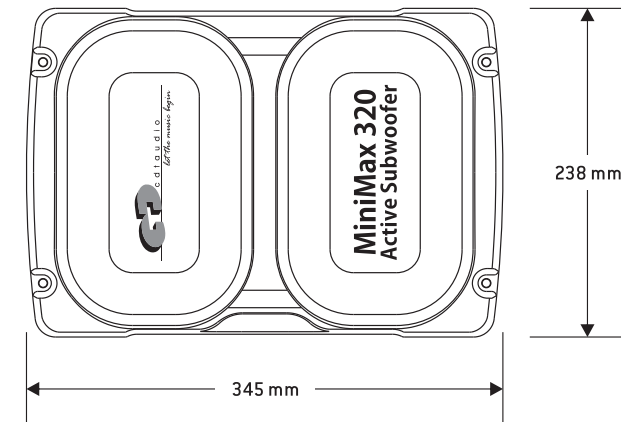
At the same time, they accurately respond to the delicate changes in the harmonic structure of the music.

By taking the natural sound, a mature approach, and designing for tight, clean, musically oriented bass, the CDT Audio MiniMax active subwoofer system is proof positive that bass in the car doesn't have to be loud, boomy, or sloppy.

The MiniMax active subwoofer system ultra compact powered subwoofer fit almost anywhere and still deliver the performance that made CDT Audio famous.

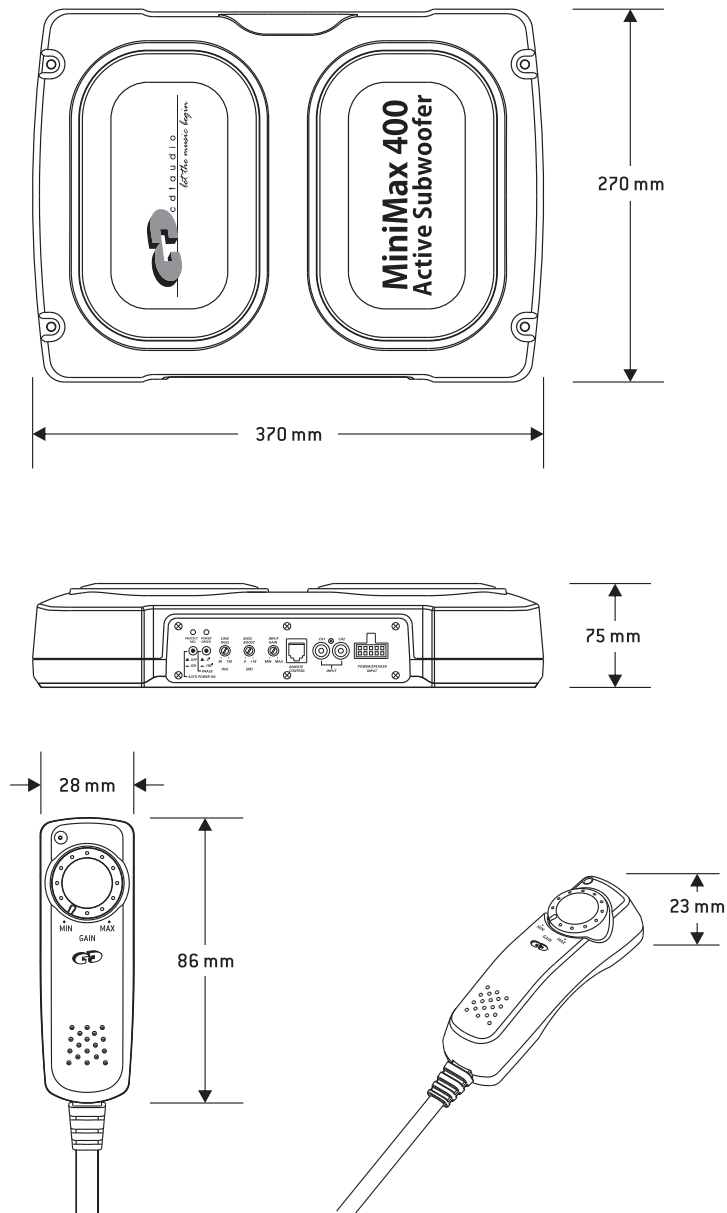
At just under 3" (75mm) tall, the MiniMax active subwoofer system will fit under many seats and in storage areas where you don't usually find powered subs.

The built-in 200-watt, powerful RMS amplifier produces strong bass that will add depth and punch to any type of music.



## Dimension

## MiniMax 400



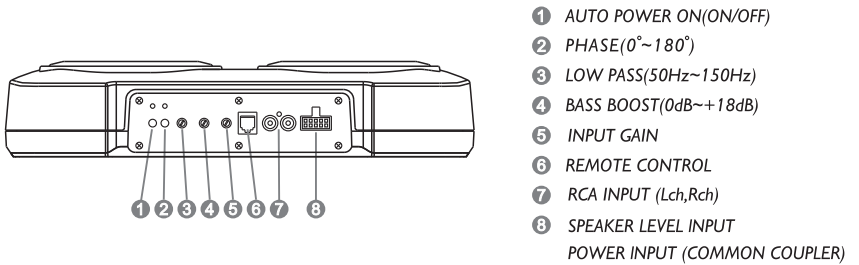
## Specifications

Specification Comparison Sheet		
Item Description	Active Subwoofer	Active Subwoofer
Model	MiniMax 400	MiniMax 320
Woofers Size	Dual 5.3*8.4 inches woofers(214.5mm*135mm)	Dual 5.3*8.4 inches woofers(214.5mm*135mm)
Built-in Amplifier Output(Max.)	400 Watts	320 Watts
Built-in Amplifier Output(RMS)	200 Watts	200 Watts
Amplifier type	P.W.M.Mosfet Power Supply	IC Power Supply
Enclosure type	Sealed	Sealed
Enclosure Material	Aluminum	Aluminum
Voltage	14.4V(10V-16V)	14.4V(10V-16V)
Impedance	4Ω+4Ω (Dual Voice)	2Ω+2Ω+2Ω+2Ω (4Voice Coils)
Frequency Response	37Hz-150Hz	40Hz-150Hz
Variable Crossover Frequency	50Hz-100Hz	50Hz-100Hz
Input Level	Hi&Low Level Input	Hi&Low Level Input
Phase	0/180°	0/180°
External Size	370mm x 270mm x 75mm(LxWxH)	345mm x 238mm x 75mm(LxWxH)
Item Weight (Accessories are not included)	6.13 kgs	5.66 kgs

## Installation

## MiniMax 400

### • Panel controls and features

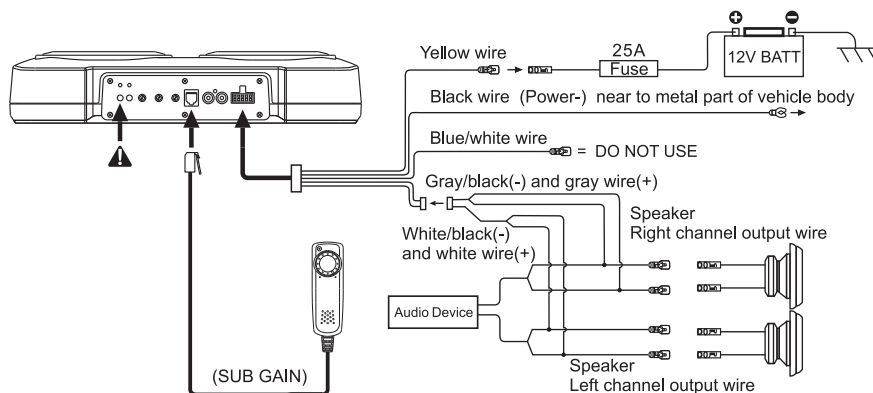


Use the supplied cable and wire harness and connect the outputs properly as shown in the High-Level or Low-Level inputs wiring diagram as following.

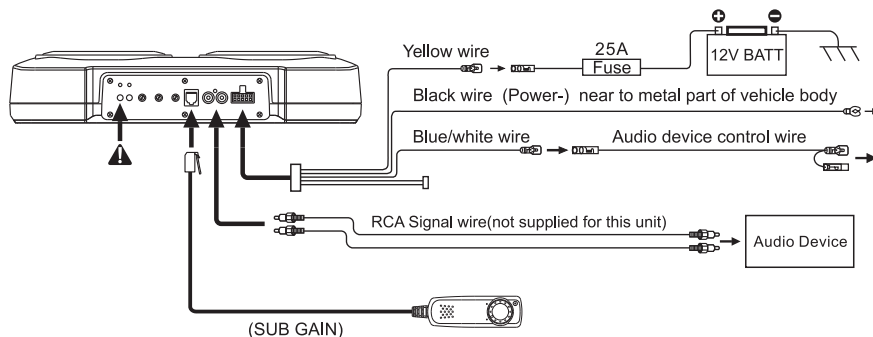
Use only one of the audio inputs, otherwise, it may lead to audio interference.

⚠ The AUTO POWER ON(ON/OFF) is for high level (speaker-level) connections. When the switch is in the "ON" position, the subwoofer AUTO POWER ON when there is signal input. If the amplifier detected no signal input, the amplifier will auto turn off. If you prefer to use the remote turn on/off connection, the switch is in the "OFF" position.

## • Wiring Diagram1 (High level input)



## • Wiring Diagram2 (Low level 'RCA' input)

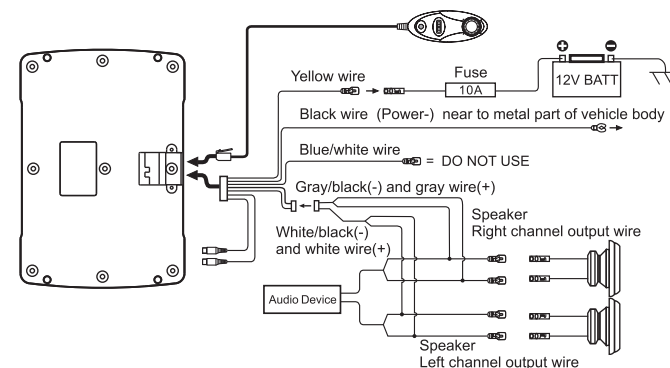


With control via the Low Level Inputs (also referred to as RCA Inputs), connect the blue color remote wire from the MiniMax 400 to the vehicle's head unit so MiniMax 400 will turn on and off with systems.

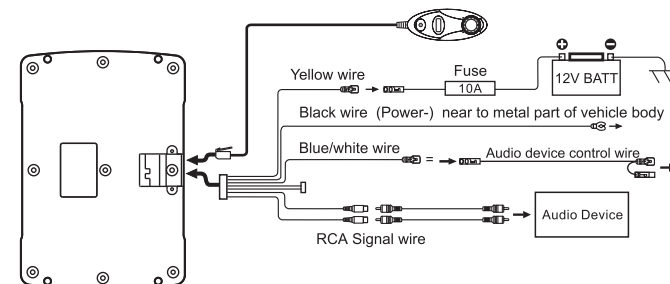
Use the supplied cable and wire harness and connect the outputs properly as shown in the High-Level or Low-Level inputs wiring diagram as following.

Use only one of the audio inputs, otherwise, it may lead to audio interference.

## • Wiring Diagram1 (High level input)



## • Wiring Diagram2 (Low level 'RCA' input)



With control via the Low Level Inputs (also referred to as RCA Inputs), connect the blue color remote wire from the MiniMax 320 to the vehicle's head unit so MiniMax 320 will turn on and off with systems.