



Vehicle Selection
Audio/Video

Mercedes Benz E55 AMG 2004 4DR Sedan

Auto pilot system					
Radio Harness » Auto pilot system					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
+12V DC Battery(Constant)	Red/yellow		28	15 amp	Fuse box at left end of dash
Radio Control Panel & Navigation unit pin 1A-2					
Ground	Brown				Pin 1A-1
Power Antenna	Red/yellow				Fused input at pin no. 2 of the antenna amplifier module in left "C" pillar, w/fuse no. 8 of 7.5 amperes in fuse & relay module in left side of trunk.
Remote Turn On(output)	Pink				Wake-up line
Left Front +	Orange				MOST system
Amplifier Output » Auto pilot system					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
12V DC Battery	Red		6	40 amp	Fuse & relay module at left side of trunk
Pin 2-4 of the Audio Gateway Control Module (AGCM)					
Left Front Mid +	Green				Pin 1-7 of the AGCM
Left Front Mid -	Brown/green				Pin 1-8 of the AGCM
Right Front Mid +	Black				Pin 1-13 of the AGCM
Right Front Mid -	Brown/black				Pin 1-14 of the AGCM
Left Rear Mid +	Pink				Pin 1-9 of the AGCM
Left Rear Mid -	Brown/pink				Pin 1-10 of the AGCM
Right Rear Mid +	White				Pin 1-11 of the AGCM
Right Rear Mid -	Brown/white				Pin 1-12 of the AGCM
Center Channel +	Blue				Pin 1-5 of the AGCM
Center Channel -	Brown/white				Pin 1-6 of the AGCM
Subwoofer 1 +	Gray				Pin 3-1 of the AGCM; also violet at pin 3-3. These go to pin no. 2 of the outer coil terminals.
Subwoofer 1 -	Brown/gray				Pin 3-2 of the AGCM; also brown/gray at pin 3-4. These go to pin no. 1 of the outer coil terminals.
Subwoofer 2 +	Yellow				Pin 1-1 of the AGCM; also orange at pin 1-3. These go to pin no. 2 of the middle coil terminals.
Subwoofer 2 -	Brown/yellow				Pin 1-2 of the AGCM; also brown/orange at pin 1-4. These go to pin no. 1 of the middle coil terminals.
Amplifier Location					AUDIO GATEWAY CONTROL MODULE is located in left side of trunk
At Speakers » Auto pilot system					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
Left Front Tweeter +	Green				
Left Front Tweeter -	Brown/green				
Right Front Tweeter +	Black				
Right Front Tweeter -	Brown/black				
Left Rear Tweeter +	Pink				
Left Rear Tweeter -	Brown/pink				
Right Rear Tweeter +	White				
Right Rear Tweeter -	Brown/white				
Notes					
Wiring details for the AUDIO GATEWAY CONTROL MODULE are entered in the "amplifier" section. The CD CHANGER, if equipped, has a red B+ WITH fuse no. 26 of 7.5 amperes in fuse box at left end of dash. If equipped with SATELLITE RADIO, the SDAR control unit (located in right rear of trunk) is powered thru a red/green wire & has fuse no. 86 of 5 amperes in the rear prefuse box in lower right front of trunk.					
Comand Actuation Circuit					
Radio Harness » Comand Actuation Circuit					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
+12V DC Battery(Constant)	Red/yellow		28	15 amp	Fuse box at left end of dash
The Comand Operating, Display and Control Module is in front center console.					
Ground	Brown				Pin 1A-1
Power Antenna	Red/yellow				Fused input at pin no. 2 of the antenna amplifier module in left "C" pillar, w/fuse no. 8 of 7.5 amperes in fuse & relay module in left side of trunk.
Remote Turn On(output)	Pink				Wake-up line
Left Front +	Orange				MOST system
Amplifier Output » Comand Actuation Circuit					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
12V DC Battery	Red		6	40 amp	Fuse & relay module at left side of trunk

		Pin 2-4 of the Audio Gateway Control Module (AGCM)
Left Front Mid +	Green	Pin 1-7 of the AGCM
Left Front Mid -	Brown/green	Pin 1-8 of the AGCM
Right Front Mid +	Black	Pin 1-13 of the AGCM
Right Front Mid -	Brown/black	Pin 1-14 of the AGCM
Left Rear Mid +	Pink	Pin 1-9 of the AGCM
Left Rear Mid -	Brown/pink	Pin 1-10 of the AGCM
Right Rear Mid +	White	Pin 1-11 of the AGCM
Right Rear Mid -	Brown/white	Pin 1-12 of the AGCM
Center Channel +	Blue	Pin 1-5 of the AGCM
Center Channel -	Brown/white	Pin 1-6 of the AGCM
Subwoofer 1 +	Gray	Pin 3-1 of the AGCM; also violet at pin 3-3. These go to pin no. 2 of the outer coil terminals.
Subwoofer 1 -	Brown/gray	Pin 3-2 of the AGCM; also brown/gray at pin 3-4. These go to pin no. 1 of the outer coil terminals.
Subwoofer 2 +	Yellow	Pin 1-1 of the AGCM; also orange at pin 1-3. These go to pin no. 2 of the middle coil terminals.
Subwoofer 2 -	Brown/yellow	Pin 1-2 of the AGCM; also brown/orange at pin 1-4. These go to pin no. 1 of the middle coil terminals.
Amplifier Location		AUDIO GATEWAY CONTROL MODULE is located in left side of trunk

At Speakers » Comand Actuation Circuit

Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
Left Front Tweeter +	Green				
Left Front Tweeter -	Brown/green				
Right Front Tweeter +	Black				
Right Front Tweeter -	Brown/black				
Left Rear Tweeter +	Pink				
Left Rear Tweeter -	Brown/pink				
Right Rear Tweeter +	White				
Right Rear Tweeter -	Brown/white				

Notes

Wiring details for the AUDIO GATEWAY CONTROL MODULE are entered in the "amplifier" section.
 The CD CHANGER, if equipped, has a red B+ WITH fuse no. 26 of 7.5 amperes in fuse box at left end of dash.
 If equipped with SATELLITE RADIO, the SDAR control unit (located in right rear of trunk) is powered thru a red/green wire & has fuse no. 86 of 5 amperes in the rear prefuse box in lower right front of trunk.

Radio Circuit

Radio Harness » Radio Circuit

Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
+12V DC Battery(Constant)	Red/yellow		28	5 amp	Fuse box at left end of dash
					Radio pin 1A-2
Ground	Brown				Pin 1A-1
Power Antenna	Red/yellow				Fused input at pin no. 2 of the antenna amplifier module in left "C" pillar, w/fuse no. 8 of 7.5 amperes in fuse & relay module in left side of trunk.
Remote Turn On(output)	Pink				Wake-up line
Left Front +	Orange				MOST system

Amplifier Output » Radio Circuit

Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
12V DC Battery	Red		6	40 amp	Fuse & relay module at left side of trunk

		Pin 2-4 of the Audio Gateway Control Module (AGCM)
Left Front Mid +	Green	Pin 1-7 of the AGCM
Left Front Mid -	Brown/green	Pin 1-8 of the AGCM
Right Front Mid +	Black	Pin 1-13 of the AGCM
Right Front Mid -	Brown/black	Pin 1-14 of the AGCM
Left Rear Mid +	Pink	Pin 1-9 of the AGCM
Left Rear Mid -	Brown/pink	Pin 1-10 of the AGCM
Right Rear Mid +	White	Pin 1-11 of the AGCM
Right Rear Mid -	Brown/white	Pin 1-12 of the AGCM
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Center Channel -	Brown/white	Pin 1-6 of the AGCM
Subwoofer 1 +	Gray	Pin 3-1 of the AGCM; also violet at pin 3-3. These go to pin no. 2 of the outer coil terminals.
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Subwoofer 2 +	Yellow	Pin 1-1 of the AGCM; also orange at pin 1-3. These go to pin no. 2 of the middle coil terminals.
Subwoofer 2 -	Brown/yellow	Pin 1-2 of the AGCM; also brown/orange at pin 1-4. These go to pin no. 1 of the middle coil terminals.
Amplifier Location		AUDIO GATEWAY CONTROL MODULE is located in left side of trunk

At Speakers » Radio Circuit

Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
Left Front Tweeter +	Green				

Left Front Tweeter -	Brown/green	
Right Front Tweeter +	Black	
Right Front Tweeter -	Brown/black	
Left Rear Tweeter +	Pink	
Left Rear Tweeter -	Brown/pink	
Right Rear Tweeter +	White	
Right Rear Tweeter -	Brown/white	
Notes		
<p>Wiring details for the AUDIO GATEWAY CONTROL MODULE are entered in the "amplifier" section. The CD CHANGER, if equipped, has a red B+ WITH fuse no. 26 of 7.5 amperes in fuse box at left end of dash. If equipped with SATELLITE RADIO, the SDAR control unit (located in right rear of trunk) is powered thru a red/green wire & has fuse no. 86 of 5 amperes in the rear prefuse box in lower right front of trunk.</p>		

Legend: * iC info * Δ iC info awaiting approval

Speakers		
Location	Size	Depth
Front Doors	5 1/4 "	
Rear Doors	5 1/4 "	

NOTE: The information on this sheet is provided to you on an as is basis with no representation or warranty of accuracy whatsoever. It is the sole responsibility of the installer to check and verify any circuit before connecting to it. Only a computer safe logic probe or digital multimeter should be used.

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