



**Vehicle Selection**  
Audio/Video

**Mercedes Benz C300 2010 4DR Sedan**

Auto pilot system					
Radio Harness » Auto pilot system					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
<b>+12V DC Battery(Constant)</b>	Red		26	20 amp	Fuse module in LR of engine compartment
		Pin A2-15 of Radio w/Auto Pilot system; hot with quiescent current cutout relay energized.			
<b>Ground</b>	Brown	Radio pin A2-12			
<b>Remote Turn On(output)</b>	Violet	Radio pin A2-13 to pin no. 3 of the Mobile Phone Electrical Connector			
<b>Left Front +</b>	Green	Radio pin A1-3; the audio outputs in this section go directly to the speakers (for radios without a sound system).			
<b>Left Front -</b>	Brown/green	Radio pin A1-7			
<b>Right Front +</b>	Orange	Radio pin A1-2, changing to green at the RF door speakers			
<b>Right Front -</b>	Brown/orange	Radio pin A1-6, changing to brown/green at the RF door speakers			
<b>Left Rear +</b>	Pink	Radio pin A1-4			
<b>Left Rear -</b>	Brown/pink	Radio pin A1-8			
<b>Right Rear +</b>	White	Radio pin A1-1, changing to pink at the speaker			
<b>Right Rear -</b>	Brown/white	Radio pin A1-5, changing to brown/pink at the speaker			
At Speakers » Auto pilot system					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
<b>Left Front Tweeter +</b>	Green				
<b>Left Front Tweeter -</b>	Brown/green				
<b>Right Rear Mid +</b>	Pink				
<b>Right Rear Mid -</b>	Brown/pink				
Aux Input » Auto pilot system					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
<b>Left (+)</b>	Black	Auxiliary jack connector pin no. 1 to radio pin B-6			
<b>Right (+)</b>	Yellow	Auxiliary jack connector pin no. 2 to radio pin B-12			
<b>Audio Common (-)</b>	Brown	Auxiliary jack connector pin no. 3 to radio pin B-11			
Notes					
<p>The MOST data bus lines are orange and the wake-up line is blue/black. If equipped with a MEDIA INTERFACE CONTROL UNIT, this has a red/white B+ at pin C1-2 with fuse no. 81 of 5 amperes in the fuse module in left side of trunk/cargo area.</p> <p>The Mobile Phone Electrical Connector has a red/yellow power input at pin no. 1, w/fuse no. 16 of 5 amperes in the fuse module in LR of engine compartment.</p> <p>If equipped with a DVD PLAYER, this and each of the REAR DISPLAYS have a red/green B+ at pin C1-2 w/fuse no. 86 of 7.5 amperes in the fuse module in left side of trunk/cargo area.</p>					
Comand Actuation Circuit					
Radio Harness » Comand Actuation Circuit					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
<b>+12V DC Battery(Constant)</b>	Red		26	20 amp	Fuse module in left rear of engine compartment
		Pin A2-15 of Comand Control Unit. See front SAM control unit for the fuse.			
<b>Ground</b>	Brown	Pin A2-12 of Comand Control Unit			
<b>Mute</b>	Violet	Pin A2-13 of Comand Control Unit; this may be used as On/off for either the Emergency Call System Control Unit (pin C1-14), for the Mobile Phone Connector (pin no. 3) or for the Cell phone Compensator (pin C1-3).			
<b>Left Front +</b>	Green	Pin A1-3 of Comand Control Unit to LF door speaker set (tweeter and bass) if WITHOUT SOUND SYSTEM			
<b>Left Front -</b>	Brown/green	Pin A1-7			
<b>Right Front +</b>	Orange	Pin A1-2, changing to green at RF door speaker unit (w/o sound system)			
<b>Right Front -</b>	Brown/orange	Pin A1-6, changing to brown/green			
<b>Left Rear +</b>	Pink	Pin A1-4 to LR door speaker (w/o sound system)			
<b>Left Rear -</b>	Brown/pink	Pin A1-8			
<b>Right Rear +</b>	White	Pin A1-1, changing to pink at RR door speaker (w/o sound system)			
<b>Right Rear -</b>	Brown/white	Pin A1-5, changing to brown/pink			
At Speakers » Comand Actuation Circuit					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
<b>Left Front Tweeter +</b>	Green				
<b>Left Front Tweeter -</b>	Brown/green				
<b>Right Front Mid +</b>	Green				
<b>Right Front Mid -</b>	Brown/green				

<b>Right Front Tweeter +</b>	Green				
<b>Right Front Tweeter -</b>	Brown/green				
<b>Right Rear Mid +</b>	Pink				
<b>Right Rear Mid -</b>	Brown/pink				
<b>Aux Input</b> » Comand Actuation Circuit					
<b>Wire Function</b>	<b>Colour</b>	<b>Notes</b>	<b>Fuse #</b>	<b>Fuse Size</b>	<b>Fuse Location</b>
<b>Left (+)</b>	Black	Pin B-6 of Comand Control Unit, from Auxiliary Jack connector pin no. 1			
<b>Right (+)</b>	Yellow	Pin B-12 of Comand Control Unit, from Auxiliary Jack connector pin no. 2			
<b>Audio Common (-)</b>	Brown	Pin B-11 of Comand Control Unit, from Auxiliary Jack connector pin no. 3			
<b>Shield (-)</b>	NCA	Pin B-5 of Comand Control Unit			
<b>Notes</b>					
The MOST data bus lines are orange and the wake-up line is blue/black. If equipped with a MEDIA INTERFACE CONTROL UNIT, this has a red/white B+ with fuse no. 81 of 5 amperes in the fuse module in left side of trunk/cargo area. If equipped with a DVD PLAYER, this and each of the REAR DISPLAYS have a red/green B+ at pin C1-2 w/fuse no. 86 of 7.5 amperes in the fuse module in left side of trunk/cargo area.					
<b>Radio Circuit</b>					
<b>Radio Harness</b> » Radio Circuit					
<b>Wire Function</b>	<b>Colour</b>	<b>Notes</b>	<b>Fuse #</b>	<b>Fuse Size</b>	<b>Fuse Location</b>
<b>+12V DC Battery(Constant)</b>	Red		26	20 amp	Front SAM fuse module in LR of engine compartment
		Pin A2-15 of Comand Control Unit or of the Radio in the Auto Pilot system; this line is hot w/quiescent current cutout relay energized.			
<b>Ground</b>	Brown	Pin A2-12; all of the components use brown for the ground in this system.			
<b>Remote Turn On(output)</b>	Violet	Pin A2-13 to the Emergency Call System pin C1-14 (if equipped) OR to pin no. 3 of the Mobile Phone Electrical Connector.			
<b>Mute</b>	Yellow/black	Amplifier pin C1-32 to pin C1-16 of the Emergency Call System Control Unit (in center front of trunk, if equipped)			
<b>Left Front +</b>	Orange	MOST OUT at Comand Control Unit or Radio pin D-1			
<b>Left Front -</b>	Orange	MOST OUT at Comand Control Unit or Radio pin D-2			
<b>Amplifier Output</b> » Radio Circuit					
<b>Wire Function</b>	<b>Colour</b>	<b>Notes</b>	<b>Fuse #</b>	<b>Fuse Size</b>	<b>Fuse Location</b>
<b>12V DC Battery</b>	Red/blue		67	40 amp	Rear SAM fuse module in left side of trunk/cargo area
		Amplifier pin C1-1			
<b>Left Front Mid +</b>	Green	Amplifier pin C1-6 to LF door speaker unit, composed of bass and tweeter speakers			
<b>Left Front Mid -</b>	Brown/green	Amplifier pin C1-18 to LF door speaker unit			
<b>Right Front Mid +</b>	Orange	Amplifier pin C1-5 changing to green at RF door speaker unit (with bass & tweeter components)			
<b>Right Front Mid -</b>	Brown/orange	Amplifier pin C1-17 changing to brown/green at RF door speaker unit			
<b>Left Rear Mid +</b>	Pink	Amplifier pin C1-8 to LR door speaker			
<b>Left Rear Mid -</b>	Brown/pink	Amplifier pin C1-20			
<b>Left Rear Tweeter +</b>	Blue	Amplifier pin C1-10 to LR surround speaker			
<b>Left Rear Tweeter -</b>	Brown/blue	Amplifier pin C1-22			
<b>Right Rear Mid +</b>	White	Amplifier pin C1-7 to RR door speaker			
<b>Right Rear Mid -</b>	Brown/white	Amplifier pin C1-19			
<b>Right Rear Tweeter +</b>	Yellow	Amplifier pin C1-9 to RR surround speaker			
<b>Right Rear Tweeter -</b>	Brown/yellow	Amplifier pin C1-21			
<b>Center Channel +</b>	Gray	Amplifier pin C1-23 to Center Instrument Panel Speaker pin S-2			
<b>Center Channel -</b>	Brown/gray	Amplifier pin C1-28 to Center Instrument Panel Speaker pin S-1			
<b>Subwoofer 1 +</b>	Violet	Amplifier pin C1-3 to Bass speaker (C-Class)			
<b>Subwoofer 1 -</b>	Brown/violet	Amplifier pin C1-15 to Bass speaker (C-Class)			
<b>Subwoofer 2 +</b>	Green	Amplifier pin C1-4 to Bass speaker (C-Class)			
<b>Subwoofer 2 -</b>	Brown/green	Amplifier pin C1-16 to Bass speaker (C-Class)			
<b>Amplifier Location</b>		Left side of trunk			
<b>At Speakers</b> » Radio Circuit					
<b>Wire Function</b>	<b>Colour</b>	<b>Notes</b>	<b>Fuse #</b>	<b>Fuse Size</b>	<b>Fuse Location</b>
<b>Left Front Tweeter +</b>	Green				
<b>Left Front Tweeter -</b>	Brown/green				
<b>Right Front Mid +</b>	Green				
<b>Right Front Mid -</b>	Brown/green				
<b>Right Front Tweeter +</b>	Green				
<b>Right Front Tweeter -</b>	Brown/green				
<b>Right Rear Mid +</b>	Pink	Or white			
<b>Right Rear Mid -</b>	Brown/pink	Or brown/white			
<b>Subwoofer 1 +</b>	NCA				
<b>Subwoofer 1 -</b>	NCA				
<b>Subwoofer 2 +</b>	NCA				
<b>Subwoofer 2 -</b>	NCA				

<b>Aux Input</b> » Radio Circuit					
Wire Function	Colour	Notes	Fuse #	Fuse Size	Fuse Location
<b>Left (+)</b>	Black	Auxiliary jack pin no. 1 (if equipped) to radio pin B-6			
<b>Right (+)</b>	Yellow	Auxiliary jack pin no. 2 to radio pin B-12			
<b>Audio Common (-)</b>	Brown	Auxiliary jack pin no. 3 to radio pin B-11			
<b>Shield (-)</b>	NCA	Radio pin B-5			
<b>Notes</b>					
<p>The DIGITAL AUDIO BROADCASTING CONTROL UNIT (if equipped) has a red/blue B+ at pin C1-2 w/fuse no. 84 of 7.5 amperes in the Rear SAM fuse module in left side of trunk/cargo area.</p> <p>If equipped with an SDAR CONTROL UNIT/HIGH DEFINITION TUNER, has a red/violet B+ at pin C1-2 w/fuse no. 84 of 7.5 amperes in the Rear SAM fuse module in left side of trunk/cargo area. The MOST data bus lines are orange and the wake-up line is blue/black.</p> <p>If equipped with a MEDIA INTERFACE CONTROL UNIT, this has a red/white B+ at pin C1-2 with fuse no. 81 of 5 amperes in the fuse module in left side of trunk/cargo area.</p> <p>The AUDIO/COMAND DISPLAY unit has a red/blue B+ at pin C1-2 (w/Audio 50 &amp; 20) or at pin C1-10 (w/o Audio 50 &amp; 20) and also at pins C2-2 and C2-6, all with fuse no. 11 of 7.5 amperes in the front SAM fuse module in left rear of engine compartment. These lines are hot w/quiescent current cutout relay energized.</p> <p>The AUDIO/COMAND CONTROL PANEL has a white power input (hot w/quiescent current cutout relay energized) with fuse no. 11 of 7.5 amperes in the front SAM fuse module in left rear of engine compartment.</p> <p>The MOBILE PHONE ELECTRICAL CONNECTOR has a yellow/red power line at pin no. 1, with fuse no. 16 of 5 amperes in the front SAM fuse module in LR of engine compartment.</p> <p>Audio lines from the EMERGENCY CALL SYSTEM are blue/violet from pin C1-5 to Center Instrument Panel Speaker pin LCT-2 and blue/brown from pin C1-13 to speaker pin LCT-1.</p> <p>If equipped with a DVD PLAYER, this and each of the REAR DISPLAYS have a red/green B+ at pin C1-2 w/fuse no. 86 of 7.5 amperes in the fuse module in left side of trunk/cargo area.</p>					

**Legend:** \* iC info \* Δ iC info awaiting approval

**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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