

INSTALL GUIDE

ice>Link Gateway 500 D2B



V2.02

State of the art integration
for media players, USB and
Bluetooth devices

DEGW5-9209-3



Your package contains the following kits:
ice>Link Gateway 500

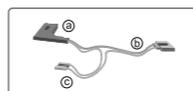
Screw kit



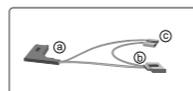
Power harness

- Black wire: ground
- Red wire: +12V power (non switched)

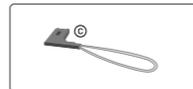
D2B optical connection kit



- Harness for all the other units (#21)



- Harness for Comand head units (#22)

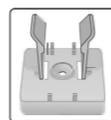


- Optical loop (#23)

USB extension cable kit



- USB extension cable



- Clip

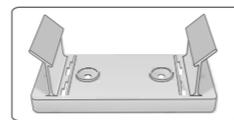


- Grommet



- Screw kit

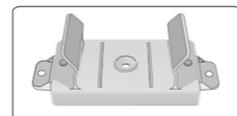
iPod dock cable kit



- iPod video clip



- iPod dock cable



- 30GB Video iPod intersection

- iPod nano clip

- Screw kit

AUX box kit

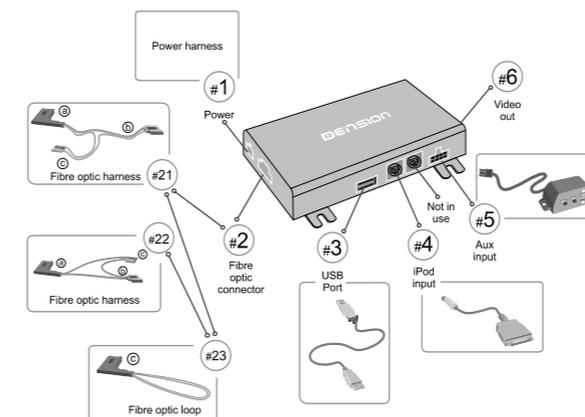


- AUX box

- Screw kit

See Dension accessories at:
www.dension.com/accessories

1.



1. Power
2. Fibre optic connector
3. USB Port
4. iPod Input
5. Aux Input
6. Video Aut

Note: the optical fibers need to handle with care. Prevent the connectors getting dirty and do not bend the cables exceeding radius 2,5 cm.

Please teke time to read this installation guide through carefully and keep it handy in case you need to refer to it again.

The Ice>Link Gateway 500 transforms the iPod and the mass storage devices or any AUX audio signal to your car's audio system.

INSTALLATION

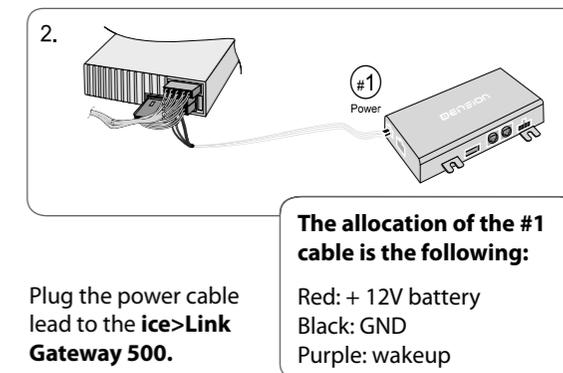
The best place to install the ice>Link Gateway 500 maybe somewhere behind the dashboard/head unit.

Remove the car's head unit from the dashboard according to car manufacturer instructions. If you do not have a CD changer in your car please make sure that the head unit can control a CD changer (e.g. products light at optical output socket of the head unit.) If not, please refer to an official Mercedes service, where they can easily reprogram the head unit to enable the optical network for Gateway 500.

If you finished this step or you made sure that the car's D2B network can accept a CD changer or a CD Changer exists in your car please do the following.

Electrical insallation

(2.) Join the power harness of the Gateway 500 to the radio.



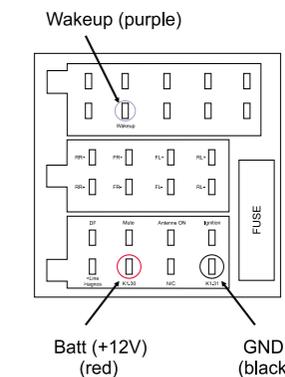
Plug the power cable lead to the **ice>Link Gateway 500**.

The allocation of the #1 cable is the following:

- Red: + 12V battery
- Black: GND
- Purple: wakeup

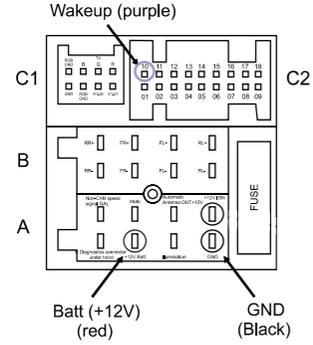
See the pinout of the Mercedes power harness of different head units.

Audio 10/30

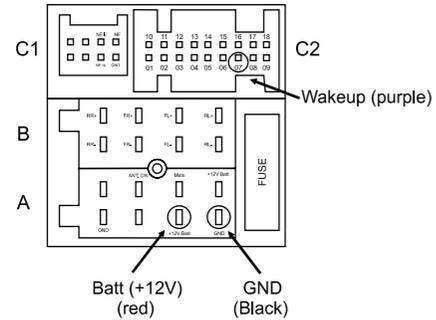


If you have a Comand head unit the socket of the radio is different from the other head units.

Comand 2.0/2.5



The pinout of certain Comand head units can differ from the above drawing. If the GND and +12V pin of your Head Unit can be found in the position as indicated in the following picture, then the wakeup wire should be connected to a different pin. (The basic voltage level of wakeup line is +12V.)

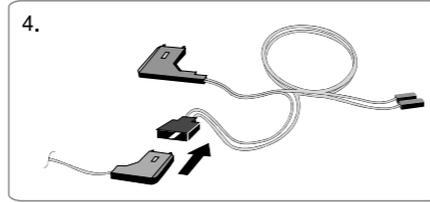
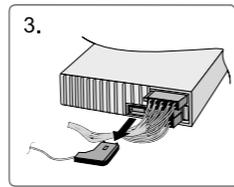


Optical installation

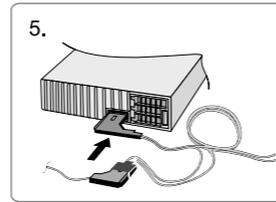
Mercedes cars can have two different layouts of optical network. That is why the D2B optical kit contains two different optical harnesses (labels on them will help). The #22 belongs to the cars with Comand (made by Bosch) head units and #21 to the others.

(3. and 4.) Unplug the connector of the optical harness from the head unit and connect it to the #21/22 socket of the optical harness of the Ice>Link Gateway 500.

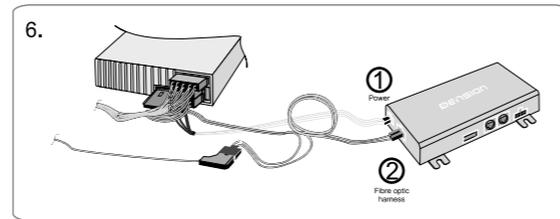
If there is no factory fitted optical cable connected to the Head Unit, you should connect the given #23 optical loop to the spare female connector of the #22 optical cable.



(5.) Connect the #21/22 A connector to the back of head unit.

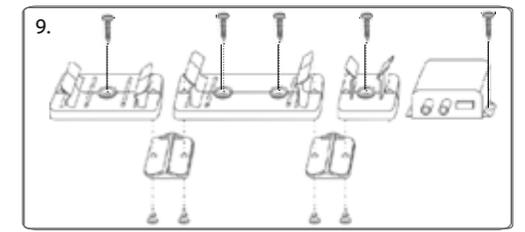
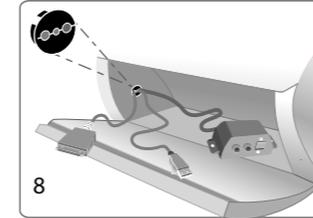
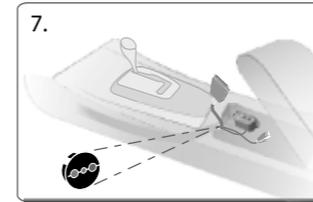


(6.) Plug the last flying connector of your optical harness to the Gateway 500 interface, with this step you are connected to the D2B optical ring.



Finally connect each cable according to the numbers in the first picture. Lead away the cables where the devices will be placed. (E.g the glove compartment or the center console).

(7. and 8.) Use the grommet when you are leading the cables through on the plastic parts.

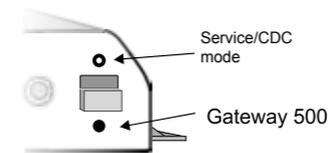
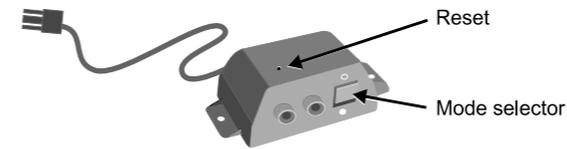


(9.) The AUX box is definitely needed for usage as it serves both as the reset button and the mode selector switch.

At service

When you have your car serviced you must set the mode selector switch to service mode (bypass, CD changer) position otherwise the service computer may detect an unknown device in the fiber optic system, which can lead to errors reported.

For change become effective the D2B system must shut down and restart again. The time needed for it depends on the car type. Please refer to the car manufacturer for exact information.



The USB and the iPod dock cable kit contains clips in case of fixing the USB connector or your iPod Video/Nano.

The clips can be assembled to the AUX box as per the following drawing, or you can use some of them separately.