Compact BT

Installation and user manual

BFM-9201-1

IMPORTANT

Bluetooth:

- Bluetooth name: Compact BT xxxx
- Bluetooth PIN: 8888

Configuration through calls:

- FM Setup: ###xxxx (xxxx=FM requency)
- US FM standards: #7#1
- EU FM standards: #7#0
- Speaker volume: #0#x (x=1-15)
- Microphone sensitivity: #1#x (X=1-15)
- DSP for iOS: #9#1
- DSP for Smartphone: #9#0
- RDS: #5#0
- RDS text: #5#1

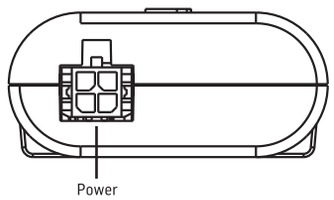
1. INTRODUCTION

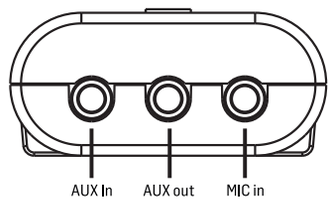
The Dension Compact BT is a universal hands free solution with built-in Bluetooth designed for playing music in cars equipped with FM radio or auxiliary input.

Package contents

- Compact BT device
- Universal external microphone
- Power cable
- Scotchlok™
- Zip ties

Compact BT connectors:





2. INSTALLATION

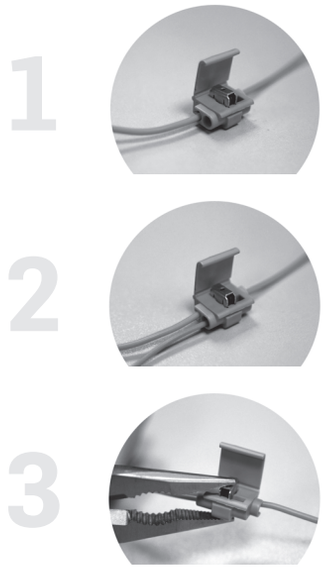
Power supply

First of all, you will need to connect the power cables of the Compact BT. In order to give power to the device, pelase use the included car side power cable and connect the 3 power leads as follows:

- Red: +12V Battery (permanent 12V)
- Purple: +12V Switched (ACC or ignition)
- Black: Ground (GND)

In the package there are 3 Scotchlok™ included, with these you can connect the wires easily to the existing radio harness or to another power source.

If you are not familiar with electrical installations, please consult with a car electrical engineer. The wires can also be soldered to the fuse box.



Fitting the microphone

The microphone works best when it is kept away from all noise sources (open windows or speakers) but is located close to the driver: installing it at the central interior light or the rear view mirror, so to the centre of the windscreen are two options that can produce high sound quality. There is also a clip to help you mount the microphone. The optimal place for the mic depends on several things, so it is recommended to try different places before finalizing the installation.

Bluetooth setup (pairing)

To have audio connection between your phone and the Compact BT your phone has to be paired with the Compact BT device via Bluetooth:

a) Power up your Compact BT by turning the ignition ON
b) Go to 'Bluetooth Settings' on your smartphone
c) Switch Bluetooth ON
d) See the list of available devices
e) Connect to Compact BT when it appears on the device list
f) Enter the Bluetooth PIN code for the Compact BT: 8888

FM transmitter setup

If you want to connect the Compact BT to your car audio using the FM transmitter, you will have to set up the operating frequency first. To set up the frequency, please follow the steps below:

- Seek for a free FM frequency on your car radio
- Connect your smartphone to the Compact BT via Bluetooth
- **Dial ###xxxx** and start the call to set the Compact BT's FM frequency to xxx.x MHz (example: dial ###0932 to set the frequency to 93.2 MHz)

Please note: The FM frequency can be set to a value between 88.1 and 107.9 MHz – in 0.1 increments.

Set FM standards

In case of USA and countries that use FCC standards please

- **Dial #7#1**

This code will increase the power of the FM signal sent by the Compact BT.

In case of EU countries and countries that use CE standards please

- **Dial #7#0**

This code will decrease the power of the FM signal.

Please note: The Compact BT uses CE settings by default.

Installation through AUX-in

It is possible to install the Compact BT thorugh the original auxiliary input of the car. In this case you need to connect the AUX-out 3,5mm Jack connector of the Compact BT with the factory AUX-in connector of the car's head unit. Please note that in case of Aux connection, the RDS information cannot be displayed so you will not be able to see the currently played song information on your stereo's display. For more information regarding RDS please check section "RDS options".

Please note: The FM transmission and the AUX output of the Compact BT are always active.

Bluetooth fine tuning – incoming calls

The smartphone might require additional settings to transfer incoming calls to the Compact BT. If you hear the caller's voice from the phone's speakers instead of the car audio system (when the phone is connected to the Compact BT via Bluetooth) then

- **Dial #2#1** (and start the call)

After this setup the incoming calls will be transferred to the car speakers automatically.

Please note: If you pair a different smartphone, you may need to reset this setting. In order to do this please

- **Dial #2#0** (and start the call)

Bluetooth fine tuning – phone volumes

The default Bluetooth phone volumes are set to a standard level that is appropriate for most smartphones. If these default settings are not optimal for you, please follow the below steps while your phone is connected to the Compact BT via Bluetooth:

- To change the speaker volume: dial #0#x to set the speaker volume to x. X is an integer value between 1 (lowest) and 15 (highest).
- To change the microphone's volume: dial #1#x to set the microphone volume according to your needs between the value of 1–15 (lowest-highest).

If you still experience low volume during hands free calls please

- **Dial #9#1** and start the call

In case of other smartphones you may need to set back the original value. In this case please

- **Dial #9#0** and start the call

RDS options

The Compact BT provides song information through RDS. There are two display options you can choose from: RDS and RDS text.

Please note that the text display through RDS is only possible when the connected smartphone supports **AVRCP 1.3** protocol. Before installing the device please check the specification of your phone and make sure that it meets the mentioned requirements. Generally, Android phones support this feature from Android 4.3.x onwards. This profile is also available on iPhone 3G and on previous iPhone models.

- **RDS:** In case of RDS display the device will forward the currently played track's artist and title information to the radio's display. In RDS mode the device is able to display 8 characters at a time. The rest of the text information will be scrolled through with the speed of 1 character per second. If you prefer this text option, please

- **Dial #5#0** (and start the call)

- **RDS text:** By selecting RDS text mode more song information can be displayed in the same time (it depends on the head unit, how many). To activate this text option, please

- **Dial #5#1** (and start the call)

Please note: During hands free calls the Compact BT device sends the title "Calling" in both text options.

DENSION
LEADING IN CONNECTED ENTERTAINMENT

3. USAGE

Bluetooth: If your phone is connected to the Compact BT device via Bluetooth, its audio output (so the music, phone calls and app audio) is transmitted to the car and the device's microphone is used during phone calls.
In order to produce audio sound you need to select the right source on your car radio (AUX or the appropriate FM frequency). The smartphone will automatically connect to the Compact BT via Bluetooth whenever the Compact BT is powered (but only if the pairing was successful and the phone's Bluetooth connection is turned on). When the device is switched off the Bluetooth will be disconnected.

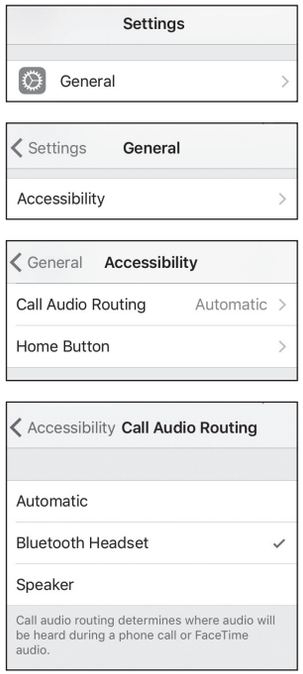
Bluetooth connection requires:
- Switching ON the Bluetooth function on the phone
- Pairing before the first usage (see 'Bluetooth setup')

IMPORTANT FOR iPHONE USERS

To hear your phone calls through the car speakers (and not your phone speakers) further settings modifications may be required for iPhone users.

In case you experience that the call can be heard only on the phone itself or the sound switching to the speakers with a few second delay, then please modify the Call Audio Routing settings.

To find and modify the above mentioned settings, please follow these steps:



AUX: The Compact BT's AUX input gives you the freedom to play music from any external audio device equipped with auxiliary output. The AUX-in of the Compact BT is always ON so you need to manually turn off the Bluetooth music (in case it is ON) in order to listen music through AUX. If you have an incoming call while listening music through AUX-in, you need to manually pause the music on the external audio source before receiving the call, otherwise the music will be heard through the car's speakers together with the sound of the hands free call.

For further information regarding unboxing, installation and device usage, please check out our instructional videos and YouTube channel through the below provided QR code:

4. DISCLAIMER AND WARRANTY

If your Compact BT product begins to behave in an unpredictable way, please immediately disconnect the device physically and have it checked by a qualified electro-technician. Dension and its authorized distributors, as well as retailers are not liable for any incidental, consequential or indirect damages or loss and do not assume liability for any diagnostic fees. Using handheld devices while driving may be subject to government legislations. Please make sure that using a Dension device is in line with the applicable traffic laws. Dension does not assume liability for events resulting from any illegal or irresponsible usage of these handheld devices.
Dension reserves the right to modify its products or specifications without prior notice.

Dension Compact BT provides you a simpler and safer way to use your phone in the car, however please always consider safety first and comply with the traffic regulations and laws that apply. Do not use your phone if it can distract your attention from driving.

Warranty
Dension devices carry a one-year limited warranty that protects you from defects in material and workmanship of products sold by Dension or its authorized distributors and retailers. Dension does not warrant any installation work or assume liability for any damage caused by negligence, improper installation or operation. For warranty claims, proof of purchase is required.

Support
If you need further assistance in using your Dension product, please contact your local supplier or visit our website www.dension.com
For technical support please contact us through the listed possibilities on www.dension.com/automotive/support

DENSION
LEADING IN CONNECTED ENTERTAINMENT