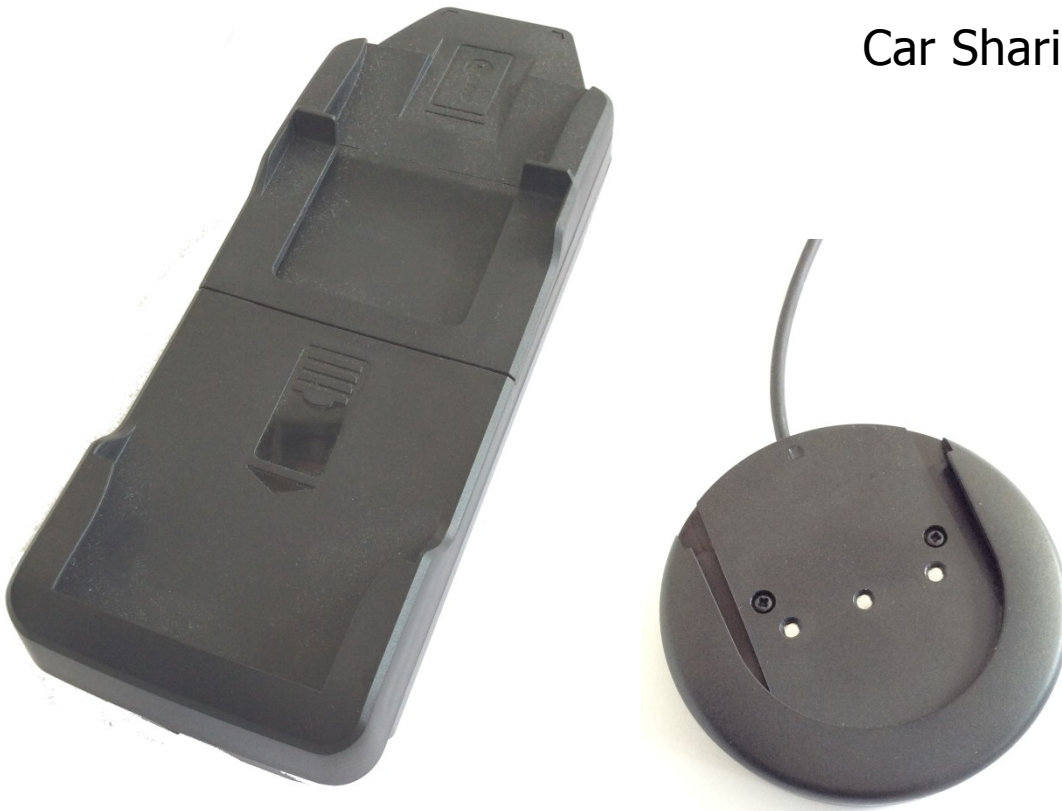


## Statement for User Manual

### CSM 3.0 Car Sharing Module 3.0

Rev. 1.1

Release



*PEIKER acustic Confidential and Proprietary*

| Name of model:  | Description           | Internal peiker product ID |
|-----------------|-----------------------|----------------------------|
| BMW CSM 3.0 ECE | main unit, EU variant | 2515-057-001-51            |
| BMW CSM 3.0 US  | main unit, US variant | 2515-057-101-51            |
| BMW CSM 3.0 AE  | external unit         | 2708-041-001-00            |

Trademark: peiker acustic GmbH & Co. KG  
Brand: BMW

Status: Release  
Revision: 1.1  
Date: 16.01.2015

## 1 Change documentation

| Date       | Revision | Name            | Changes / Comment                           |
|------------|----------|-----------------|---|
| 11.11.2014 | Rev 1.0  | M. Fleckenstein | Initial version                             |
| 16.01.2015 | Rev 1.1  | M. Fleckenstein | Updated 4.2, removed reference to 15.105(a) |
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## 2 Introduction

### 2.1. Scope

#### 2.1.1. Purpose of the document

The Car Sharing Module (CSM) 3.0 is manufactured by peiker acustic GmbH & Co. KG (grantee) and sold as an OEM product.

According to the US Code of Federal Regulations (47 CFR 2.909, 2.927, 2.931, 2.1033, 15.15(b) etc.), the grantee must ensure the end-user has the applicable and appropriate operating instructions for the device. In the case of this product the grantee must notify the OEM to notify the end-user.

peiker acustic GmbH & Co. KG will supply this document to the reseller or distributor to inform him what must be included in the end user's manual for the commercial product and which installations guidelines for the antenna are applicable.

#### 2.1.2. General information

The CSM is assembled in the car after production by specially trained engineers. There are no other distribution channels except spare part replacement within car service. Please be advised that this product will need special trained professionals in configuring and installing the product. The product will be distributed through controlled distribution channel which has special trained professionals to install this product and will not be sold directly to the general public through retail stores.

The software application using the installed CSM module is up to the car sharing provider. It is also the responsibility of the car sharing provider to create an end user manual for the installed application.

#### 2.1.3. Contact information

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### **3 Antenna installation**

To comply with the RF exposure requirements for 2G/3G cellular radio of the FCC following requirements have to be fulfilled:

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operated in conjunction with any antenna or transmitter, except in accordance with FCC multi-transmitter product procedures. This device is to be used in mobile or fixed applications only.

For mobile and fixed operating configurations the antenna gain, including cable loss, must not exceed

4.91 dBi      at 850 MHz & 900 MHz

9.58 dBi      at 1800 MHz to 2100 MH

for satisfying RF exposure compliance.

It must be ensured by the OEM that the end user has no manual or instructions to remove or install the RF unit of the device.

## 4 Warning Statements

The following certification markings and hints should be printed in the end user's manual:

### 4.1. Europe

This device must be supplied by a limited power source according to EN 60950-1. The clearance and protected creepage distances required by the end product must be withheld when the module is installed. The cooling of the end product shall not negatively be influenced by the installation of the module.

### 4.2. US /Canada

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by peiker acustic GmbH & Co. KG could void the user's authority to operate the equipment.