**Spec Tracking Number: PIS2051**

**Vehicle Setting**

**Document Owner**

This specification is owned by:

Wang Ziqi

Infotainment Group, ELEC, PATAC

+86 21 50165016 -(ext)594954

Ziqi\_Wang@patac.com.cn

目录  
Table of Contents

[1 需求概述/Requirement Overview 3](#_Toc19097176)

[1.1 背景价值/Background Information 3](#_Toc19097177)

[1.2 名词解释/Terminology 3](#_Toc19097178)

[2 需求列表/Requirement List 3](#_Toc19097179)

[3 需求描述/Requirement Description 3](#_Toc19097180)

[4 系统需求/System Requirements 4](#_Toc19097181)

[4.1 互联与账号相关/Interconnection and Account-related 4](#_Toc19097182)

[4.2 版本升级/Version Upgrade 5](#_Toc19097183)

[4.3 埋点需求/Event Tracking Requirements 5](#_Toc19097184)

[4.4 相关CAN信号/Related CAN Signals 5](#_Toc19097185)

[4.5 相关标定项/Related Calibration Items 5](#_Toc19097186)

[5 附录/Appendix 5](#_Toc19097187)

[**Revision Log** 6](#_Toc19097188)

# 需求概述/Requirement Overview

## 背景价值/Background Information

车辆设置（Vehicle Setting）用于显示和设定与车辆相关模块的可设置项。  
Vehicle Setting is used to display and set settable items of modules related to the vehicle.

## 名词解释/Terminology

无。  
N/A.

# 需求列表/Requirement List

功能需求列表详见附录。  
See the appendix for the list of functional requirements.

# 需求描述/Requirement Description

车辆设置功能仅在发动机处于发动状态下可用。  
The vehicle setting function shall be only available when the engine is running.

车辆设置的功能单元由其它功能模块实现（比如用户设置选项保存，设置功能的变更以及执行等）。本系统能够显示对应设置项并提供改变这些设置项的操作窗口。  
The function unit of vehicle setting shall be implemented by other function modules (such as saving user setting options, changing and executing setting functions, etc.). The system shall be able to display corresponding setting items and provide operation windows for changing these setting items.

本系统需要支持的车辆设置项详细信息以及对应总线信号详见附录表格“Vehicle Setting List”，系统需要支持表格中列出的所有车辆设置功能，在不同车型上根据总线信号对显示内容做动态适配。  
Please refer to the appendix table *Vehicle Setting List* for the details of the vehicle setting items and corresponding bus signals that the system shall support. The system shall support all the vehicle setting functions listed in the table, and dynamically match the display contents according to the bus signals on different models.

本系统支持的设置功能逻辑均通过总线信号进行判断，具体判断逻辑参考PA5263。~~不同项目对应的电子架构不同，具体根据与电子架构相对应的spec实现。~~需要特别注意的是，部分设置项由于缺少功能模块，总线上无法发出对应设置项是否可显示的消息，因此这类设置项是不应该在系统中显示。通常情况下，此类设置项会通过总线available信号决定是否显示。  
The setting function logic supported by this system shall be judged by bus signals. For the specific judgment logic, please refer to PA5263. Special attention shall be paid to the fact that some setting items cannot send out messages on the bus as to whether the corresponding setting items shall be displayed due to the lack of functional modules, hence such setting items shall not be displayed in the system. Generally, this type of setting item shall determine whether to display via the Available signal on the bus.

如果某一个类别中所有设置项都不存在，那么在操作界面上该类别设置的入口要隐藏。其他模块会通过总线来告知系统该选项是否存在。比如“前方行人报警”是一个设置类别，但某些车型可能没有“前方行人报警”的设置项需要设置，那么系统界面上隐藏“前方行人报警”菜单。具体设置类别以交互设计为准。  
If all the setting items of a certain type do not exist, the entrance for the setting of that type shall be hidden on the operation interface. Other modules shall inform the system whether this option exists via the bus. For example, “Front Pedestrian Alarm” is a setting type, but some models may not have this setting item to be set, then the “Front Pedestrian Alarm” menu shall be hidden on the system interface. The specific setting type shall be subject to the interactive design.

系统需要支持将所有车辆设置项恢复为初始设置，即将Restore Customization Defaults Request先设置为TRUE再置为FALSE，具体实现方法详见附件PA5263.

The system needs to support restoring all vehicle Settings as initial Settings, namely Restore Customization Request setting to TRUE and then FALSE. See attachment PA5263 for details.

# 系统需求/System Requirements

## 互联与账号相关/Interconnection and Account-related

在本文档描述的功能中，部分功能将受到互联的标定的影响，互联标定决定了车机能否使用云端功能，因此若互联标定为“关闭”，车机将不能与服务器端通信。当互联标定为“关闭”时：账户自动登录设置将不显示。  
Among the functions described in this document, some functions will be affected by interconnection calibration, which determines whether the on-board system can use the cloud function. Therefore, if interconnection is calibrated as “Off”, the on-board system will not be able to communicate with the server. When the interconnection is calibrated as “Off”: the automatic login setting of the account will not be displayed.

系统设置内容需要跟随系统账号，当有账号登陆车机时，系统需记录该用户的设置项更改，当该用户（账号）再次登陆时，车机自动将该账号的设置项状态同步至当前车辆。当无账号登陆系统时，系统需显示上一次无账号登陆时的设置项状态。  
The system setting shall follow the system account. When an account is logged in the on-board system, the system shall record the change of the user's setting items. When the user (account) logs in again, the on-board system will automatically synchronize the setting status of the account to the current vehicle. When no account is logged in the system, the system shall display the last setting status when no account was logged in last time.

## 支持Global Search

车辆设置中的设置项内容需要支持Global Search功能，具体功能定义详见PIS2059第4.2.4章节。

The Settings items in system Settings need to support the Global Search function. For specific function definitions, please refer to Section 4.2.4 of PIS2059.

## 相关CAN信号/Related CAN Signals

详见表格“Vehicle Setting Feature List”中“MY23 Customization Signals”.  
For details, please refer to “MY23 Customization Signals” in table *“Vehicle Setting List”*.

## 相关标定项/Related Calibration Items

无  
N/A

# 附录/Appendix

针对CLEA架构中的所有车辆设置需要支持的功能均已如下VCS Vehicle Setting Feature List表格为准，维护规则如下：

The following VCS Vehicle Setting Feature List shall prevail for all functions that need to be supported for Vehicle Settings. The maintenance rules are as follows:

1. 红字标出内容为较上一版变更部分。

Mark the content in red as a change from the previous version.

1. 对应项目标有TBD的功能暂不实施。

The functions of corresponding items marked TBD are not implemented for the time being.





针对Global B架构，系统需要支持的车辆设置功能以表格VCS Vehicle Setting Feature List GB为准。

For the Global B architecture, the Vehicle Setting function that the system needs to support is subject to the table VCS Vehicle Setting Feature List GB.



**Revision Log**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Section** | **Description** | **Author** |
| 0.0.0.7 | 2021/3/3 | 5 | 增加CLEA 23.42对应的vehicle setting变更 | Wang Ziqi |
| 0.0.0.6 | 2020/11/15 | 4.2，5 | 1.车辆设置支持Global Search功能  2.更新CLEA feature list表格  3.增加氛围灯设置，AVH动态设置 | Wang Ziqi |
| 0.0.0.5 | 2020/9/22 | 3，5 | 1.增加自动驻车保持档位选择，智慧领航，主动辅助驾驶控制风格，智慧领航变道方式确认，智能驾驶车道内避障，交通信号与停止线控制等设置项。  2.补充对恢复车辆设置为默认设置的功能描述。  3.增加GB架构支持的车辆设置项。 | Wang Ziqi |
| 0.0.0.4 | 2020/5/13 | 5 | 增加根据功能输入，增加个性化设置内容，其中包括ADAS以及外饰灯相关设置项等。  Added vehicle setting features as the attachment. | Wang Ziqi |
| 0.0.0.3 | 2020/1/2 | All | Bilingual edition | Wang Ziqi |
| 0.0.0.2 | 2019/8/13 | All | 1. 新增设置项Rear Cross Traffic Braking Added setting item of Rear Cross Traffic Braking 2. 文档格式变更 Document format changed | Wang Ziqi |
| 0.0.0.1 | 2018/7/31 | ALL | Created | Wang Ziqi |