

CAR RADIO DEVICE INTEGRATION

Datasheet

Project objective

Provide a smooth integration of the 3rd-party CD drive into the car radio while enriching the functionality set of the device. Ensure the same device behavior of the updated product version as the previous one.



Result

The enhanced car radio device with CD support and extended functionality is ready to start commercialization. The device is upgraded to support the familiar behavior for the end user as well as to increase its efficiency.

Scope of work

- ❖ Porting the existing audio framework from CD drive into the Pioneer-based framework
- ❖ Integration of the new functions, such as music navigator, random play, and repeat
- ❖ UI updates to resolve the interface differences
- ❖ Productivity improvements. Increase operating speed, improve algorithm to move between folders, fix long waiting after disc loading, and optimize memory usage
- ❖ Support during the warranty period

Activities

- ❖ Firmware Porting and Updates
- ❖ UI updates
- ❖ Testing & Bug fixing

About the project

Technologies

- ❖ Java
- ❖ C/C++



Platforms

- ❖ Embedded

Project size

- ❖ 1 Senior SW Engineer
- ❖ 4 SW Engineers

Duration

