

Nord Inventory + Nord CarPlay

Objective

This integration uses the Nord Inventory `carplay` item to start the Nord CarPlay vehicle-installation flow without consuming the item before the installation is actually accepted.

Correct architecture

CarPlay begins as a **client-side action** because the player must be checked in the current vehicle/driver context and shown the installation progress. The final install is then validated by the CarPlay server.

For this flow, do **not** configure the item to start from a server-side `UseCarplay` export.

Admin Studio configuration

Open the `carplay` item and use:

```
Usable: On  
Handler: External export  
Resource name: nord_carplay  
Export name: carplay  
Execution side: Client  
Remove on use: Off
```

The item should not be consumed on the first click.

Item definition

```
['carplay'] = {  
  label = 'CarPlay',  
  weight = 750,  
  stack = false,  
  close = true,  
  useable = true,  
  image = 'carplay.png',  
  
  client = {  
    export = 'carplay',  
    remove = 0  
  }  
}
```

Nord CarPlay client export

```
exports('carplay', function(item, slot)  
  TriggerEvent('nord_carplay:startCarplayInstall')  
  return true  
end)
```

Returning `true` explicitly is recommended. Nord treats an explicit `false` as a rejection and cancels the item use.

Installation flow

1. Player selects **Use** on `carplay`.
2. Nord validates the current item/slot and creates a pending use token.
3. Nord calls `nord_carplay:carplay` on the client.
4. CarPlay starts `nord_carplay:startCarplayInstall`.
5. Client validates vehicle/driver context and runs the progress action.
6. CarPlay requests the server-side installation (`nord_carplay:installVehicleCarplay` in the documented flow).

7. CarPlay server validates the installation and removes the item only when the install succeeds.

Because Nord uses `remove = 0`, there is no double-removal or early consumption.

Runtime handler registration

If `carplay` already exists as a database-authoritative Nord item, `RegisterItem` may correctly return `database_authoritative`. The CarPlay resource can still register the handler:

```
exports['nord_inventory']:RegisterUseExport(  
  'carplay',  
  'carplay',  
  'client'  
)
```

The bare export name is automatically bound to the calling resource (`nord_carplay`).

Explicit form:

```
exports['nord_inventory']:RegisterUseExport(  
  'carplay',  
  'nord_carplay',  
  'carplay',  
  'client'  
)
```

Why the old server handler fails

Problem configuration:

```
server = {  
  export = 'UseCarplay',  
  remove = 0
```

```
}
```

or Admin Studio:

Resource name: nord_carplay

Export name: UseCarplay

Execution side: Server

This asks Nord to execute a server handler as the item-use action. That is the wrong entry point for a flow that needs current client vehicle/driver/progress behavior first.

If that export returns `false`, Nord shows:

External export nord_carplay:UseCarplay rejected the item use.

Invalid inventory request.

If this appears during CarPlay use:

1. verify the item still uses `carplay` on **Client**;
2. verify Nord Inventory is a complete current build, not a partial/mixed update;
3. verify `nord_carplay` starts after `nord_inventory`;
4. restart both resources after changing the item handler;
5. inspect the first server/client console error.

Item image

The active Nord Inventory image must resolve as:

```
image = 'carplay.png'
```

and the installed file should exist in Nord Inventory's item image directory:

```
nord_inventory/web/images/items/carplay.png
```

If Nord CarPlay ships an installer payload such as:

```
nord_carplay/install/nord_inventory/carplay.png
```

that file must be copied/installed into the Nord Inventory image directory before runtime display.

Restart order

```
restart nord_inventory  
restart nord_carplay
```

On full server startup:

```
ensure nord_inventory  
ensure nord_carplay
```

Checklist

- ☐ `carplay` item exists and is enabled.
- ☐ Image name is exactly `carplay.png`.
- ☐ Handler is **External export**.
- ☐ Resource is `nord_carplay`.
- ☐ Export is `carplay`.
- ☐ Execution side is **Client**.
- ☐ Nord removal is disabled (`remove = 0`).
- ☐ Client export starts the installation event.
- ☐ Client export does not explicitly return `false` on accepted use.
- ☐ CarPlay server owns final validation and final item removal.
- ☐ Nord Inventory starts before Nord CarPlay.

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