Informatie Bulletin MiniatuurA
Specific vehicles turn right
with XT module

Prior to
The XT module has the ability to detect an specific vehicle type or vehicle number. It can also send aDC-Car cammond in the same time. In this document we describe how this works.

Operation
By means of a XT module and a sensor in or next to the roadway a selection can be made and a servo junction can be set. The XT module can also send a DC-Car command. In the drawing below you see the XT module conneted to a street sensor (this also can be a deliniator post beside the road). This sensor reads the data from the DC-Car decoder and the XT module acts as programmed. In this case we want a specific vehicle to turn to the right and to set is right flash lights.

Selection of a specific car:
We can shoose between:
1. specific vehicle number which is set in Cv113.
2. specific type of vehicle which is set in Cv100. Both Cv's are car decoder Cv's and thus make it vehicle specific, only car with these CV settings wil turn right.
If the number or the type is equal to the setting in the XT module it will set the junction servo to turn right. Now we can also program a DC-Car IR function to be active via the IR LED connection of the XT module. This LED is placed just behide the street sensor. So if a car passes the sensor the right flasher is turned ON automatically. After the car has passed the junction the XT module should set the junction to straight. Best you do that via a hall sensor in the road (magnetic wire) and connect it to the input of the XT module.

The circuit looks like this: