

Billboards

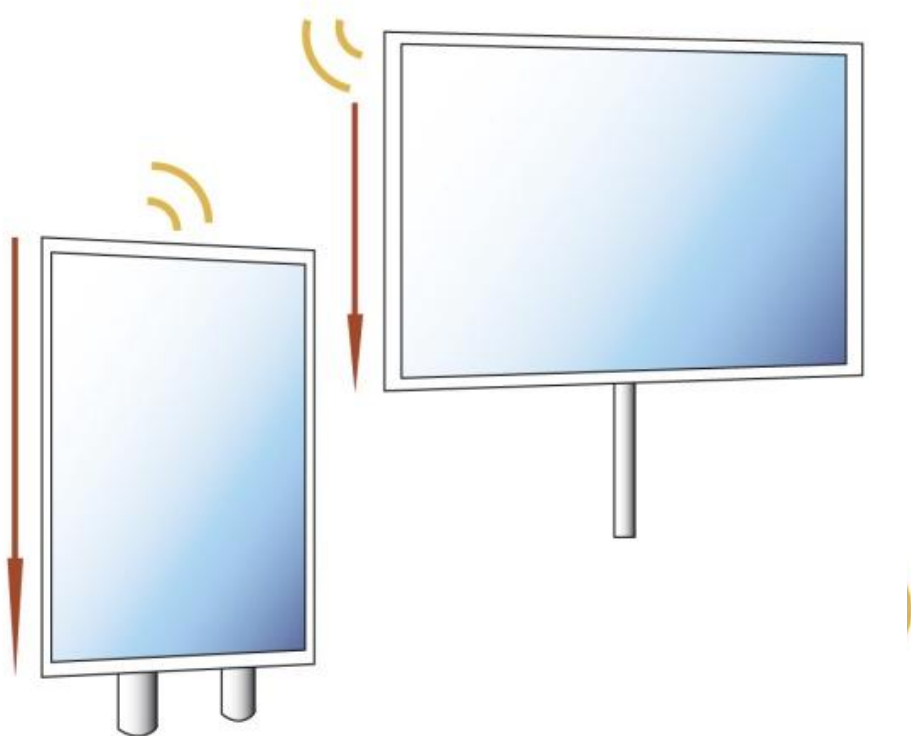


Objectives:

- Rolling billboard synchronization

Products:

- ARM-D
- ARM-IOD



Application:

Our radio modems allowed to synchronize rolling billboard. A master sends an impulsion of a determined time, received in the same time by all the slave modems, and activating the desired action.

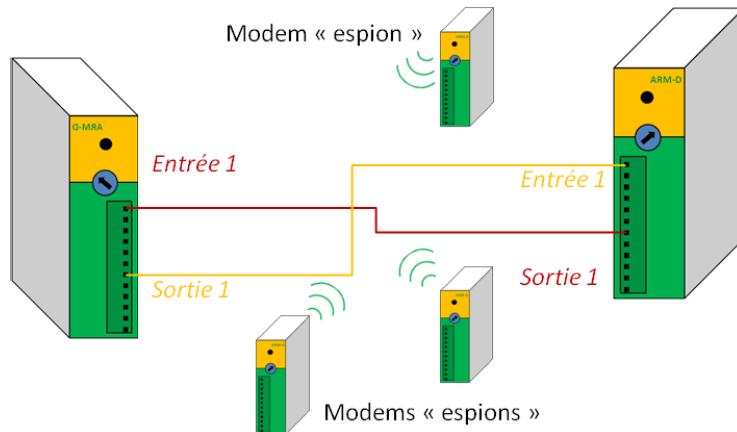
For example, on the Champs-Élysées, you can see on the rolling billboard the same poster at the same time.

If there is only two billboards to synchronize, we can use two paired ARM-IOD. Be careful to the transmission distance (ARM-IOD: 1km in line of sight, ARM-D: 5km in line of sight).

Configuration:

The ARM-D can be configured by AT commands, with a specific cable (TST7-ARM-D in option: 59€). There is two possible configurations:

- Two ARM-D in mirror mode (inputs of one modem copied on the output of the other), with a feedback on both modems. We can also program several "spy" ARM-D which can receive the information from the ARM-D master but with no answer.



- An ARM-D conversing with two ARM-IOD. In this case, we affect one ARM-D output to each ARM-IOD. This configuration works only for synchronization of two billboards.

