ATOM SYSTEM • TRANSPONDER
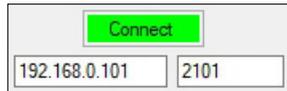
HOW TO PROGRAM A TRANSPONDER
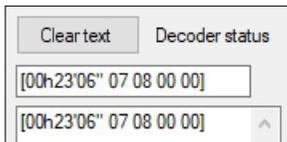
Loop configuration is performed via the decoder, which communicates with the loop(s) via radio.
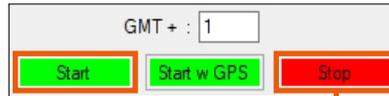
1 • CONNECTING THE DECODER TO THE PC

Connect
192.168.0.101   2101

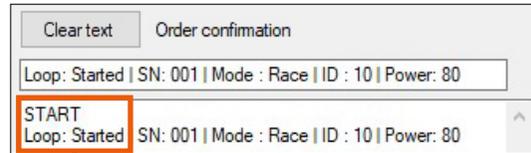Acknowledgement • Decoder connected to PC

Clear text   Decoder status
[00h23'06" 07 08 00 00]
[00h23'06" 07 08 00 00]

2 • START DECODER AND LOOP

Click on the **START** button.
The decoder emits a beep when started.

GMT + : 1
Start   Start w GPS   Stop

Does not stop the loop, only the decoder

Clear text   Order confirmation
Loop: Started | SN: 001 | Mode : Race | ID : 10 | Power: 80
START
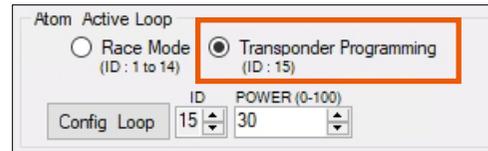Loop: Started | SN: 001 | Mode : Race | ID : 10 | Power: 80

START → DECODER STARTED
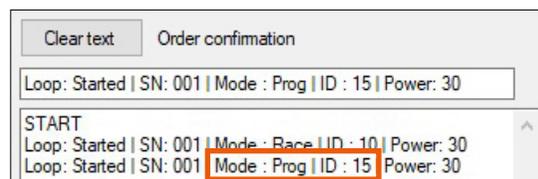**LOOP : STARTED** → LOOP STARTED

YOU CAN LEAVE THE DECODER IN «START» MODE TO CHECK THAT THE TRANSPONDERS ARE CORRECTLY PROGRAMMED.

3 • TRANSPONDER PROGRAMMING MODE

The loop ID automatically becomes N°15.

Atom Active Loop
○ Race Mode (ID : 1 to 14)   ● Transponder Programming (ID : 15)
Config Loop   ID 15   POWER (0-100) 30

Click on **CONFIG LOOP** to switch the loop to ID 15 programming mode.

Clear text   Order confirmation
Loop: Started | SN: 001 | Mode : Prog | ID : 15 | Power: 30
START
Loop: Started | SN: 001 | Mode : Race | ID : 10 | Power: 30
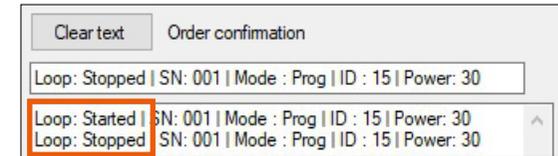Loop: Started | SN: 001 | Mode : Prog | ID : 15 | Power: 30

4 • CHANGE THE TRANSPONDER ID

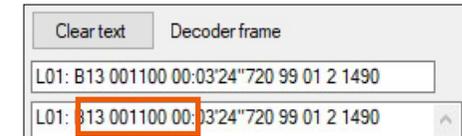Place and leave the transponder over the loop. The transponder LED will flash rapidly.

Click on the **PROG TRANSPONDER** button. The transponder LED goes out.

Atom Transponder
Activate Loop   Disable Loop
Prog Transponder   1100

The decoder emits a beep.
The loop starts and then stops.

Clear text   Order confirmation
Loop: Stopped | SN: 001 | Mode : Prog | ID : 15 | Power: 30
Loop: Started | SN: 001 | Mode : Prog | ID : 15 | Power: 30
Loop: Stopped | SN: 001 | Mode : Prog | ID : 15 | Power: 30

The transponder number is changed.

Clear text   Decoder frame
L01: B13 001100 00:03'24"720 99 01 2 1490
L01: B13 001100 00:03'24"720 99 01 2 1490

PRESS «ACTIVATE LOOP», THEN REPEAT THE PROCEDURE FROM STEP 4.

WARNING

DON'T FORGET TO RETURN TO **RACE** MODE, ENTER THE CORRECT LOOP ID BETWEEN 1 AND 14, THEN CLICK ON THE **CONFIG LOOP** BUTTON ONCE TRANSPONDER CONFIGURATION IS COMPLETE.

● Race Mode (ID : 1 to 14)   ○ Transponder Programming (ID : 15)