# BLIND APEX DISPLAYIT (HUD-9X)
## SETUP INSTRUCTIONS
## PLEASE READ

IMPORTANT : The DisplayIT requires that a radio transmitter is connected to the timing system. If your DisplayIT is not receiving information during a session, check with your timing and scoring team to see if they are using the transmitter. Blind Apex provides those transmitters FREE to most racing organizations. However it is the responsibility of the timing team to connect the transmitter. If your organization doesn't have the transmitter, do not hesitate to contact us at 418 651 0752. We will provide the required hardware FREE of charge to most racing organizations.

WARNING : This product is equipped with a radio receiver that descrambles copyrighted radio signals. Any use of this product to tamper with, descramble, modify, or reproduce, in whole or in part, these signals in a manner not expressly authorized in writing by the manufacturer constitutes a violation of U.S. and international copyright laws.

WARNING: This equipment is approved only for mobile and base station transmitting devices, separation distances of 20 centimeters or more should be maintained between the antenna of this device and nearby persons during operation. To ensure compliance, operation at distances closer than this is not recommended.

## CONNECTING THE UNIT

1. The unit requires a 12V-DC power connection. (It will run from 8V to 18V)
2. A fused connection to your car battery is preferred. A 250mA fuse is adequate.
3. You can connect either the black or white wire to the positive (+) terminal, and the remaining one to the negative (-) terminal. In other words: Polarity doesn't matter.
4. It is your responsibility to provide adequate electrical protection and proper connection. If you are not comfortable connecting the unit yourself please have the unit installed by a certified automotive mechanic.

## MOUNTING THE UNIT

1. The DisplayIT is a radio receiver that receives a signal from the timing room. Mounting the unit on your steering wheel is good, on the dash is good… on the floor would be a poor choice and some information might be missed. The idea is to try to get a line of sight with the outside of the car.
2. Make sure the unit is secured properly.
3. IMPORTANT: The white wire coming out on top of the DisplayIT is the radio antenna. Do not cut, bend or modify this wire. The length of the wire is critical to proper reception and must not be altered.

## SETTING-UP THE UNIT
(transponder number assignment)

1. The 1st time you power the unit you will see a series of zeros '0', these digits represent your car's timing and scoring transponder number.
2. In order to work properly, the unit must be programmed with this number.
3. Use the right button (yellow circle) to rotate between values (0,1,2…etc)
4. Use the left button (yellow circle) to change digit.
5. IMPORTANT: The number assignment is done from RIGHT TO LEFT.
6. Example: Your transponder number is: 0087351
7. The screen must look like this: 000  008  73  51
8. Leave the leading zeros.
9. Once you reach the last digit on the left, press the left button one more time to complete the process.
10. When completed, the unit will display the main screen (Track Time, Laps, OA)
11. The unit is ready to be used.
12. You can press the 'ON' button, this will reset the unit and display your number for 1/2 second.

## ENTERING A DIFFERENT TRANSPONDER/TRANSMITTER NUMBER
(if you made a mistake or if you want to program a different number)

1. From the main screen press AND hold the left button for approximately 5 seconds or until the transponder number is shown.
2. IMPORTANT: If the unit is near timing and scoring it might not enter transmitter programming mode since it might receive some signals from the tower. Wait until the current session is over and try again.
3. Use  the right button to change the digits (0,1,2…etc)
4. Use the left button to switch to the next digit
5. IMPORTANT: The number is entered from right to left

8890 Boul. Henri Bourassa
Quebec, QC G1G 4E3
Canada
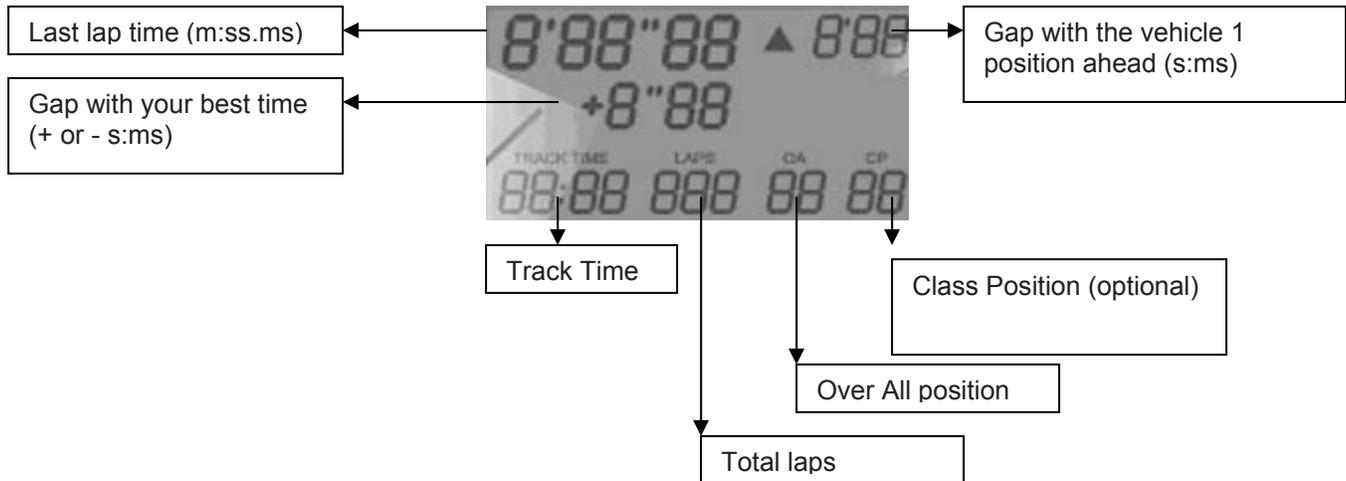Tel. : 418.651.0752
Fax : 418.651.9179

## TIPS AND VARIOUS INFORMATION ON THE UNIT

- After 10 minutes of inactivity the unit will automatically enter «standby» mode. The screen will display 'OFF'. At this point the unit is using approximately 10mA of current. We recommend that you disconnect the unit if you are not using your vehicle for an extended period of time. (the unit uses approximately 60mA in normal operation mode).
- To turn on the unit after it went to standby mode simply press the ON button
- Your last 34 laps are stored in memory and can be recalled using the left button. Laps are stored in non-volatile memory and will remain in memory even if you power down the unit.
- Pressing and holding the right button will clear the lap memory
- Your unit is only as accurate as the timing system being used. The lap times are taken directly from the electronic system.
- The CP (Class position) field is only available using the optional timing software and appropriate cable.Photo
- The OA (Over All Position) is only as accurate as the timing system. If the system is missing some cars, your position could be affected.
- Even though the information on this display is taken from the main timing system, it is NEVER to be considered official. Scoring on the DisplayIT is ALWAYS provisional!
- The unit is splash water resistant (rain is OK, but this is not diving equipment)
- Like any vehicle information display (RPM, engine temperature…) this unit can be distracting. Make sure that you are comfortable reading the unit and please… don't blame us if you get distracted… staring at your RPM display will have the same effect. You are using this product at your own risk!

**This product comes with a 2 year warranty, don't open it, simply return it to us and we will fix it.**

**WARNING: AN IMPROPERLY MOUNTED DISPLAYIT CAN BE EXTREMELY DANGEROUS.  LIKE ANY OTHER EQUIPMENT THAT YOU INSTALL IN YOUR RACING VEHICLE, MAKE SURE IT IS SECURELY MOUNTED!**

## DISPLAY OVERVIEW

Last lap time (m:ss.ms)

Gap with your best time
(+ or - s:ms)

Gap with the vehicle 1
position ahead (s:ms)

Track Time

Class Position (optional)

Over All position

Total laps

## KEYBOARD FUNCTIONS

1. Enter transponder number: Press AND hold for 5 sec. This button will then scroll to the next digit (right to left) every time you press it.

2. Scroll lap times: Press once per lap.

1. Enter transponder number: When in transponder input mode this button will rotate the active digit.

2. Clear lap times: Press AND hold for 5 sec.

BLIND APEX