

USER GUIDE



ADS-B



User Manual

October 2016

Version 1.00

Document Revisions

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10/19/2016	0.1	Initial Draft
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1 Introduction

1.1 Scope and Purpose

This manual will cover the installation and use of the SIX ADS virtual instrument for Prepar3D. The instrument features both virtual, and joystick programmable buttons for control, as well as aural annunciation. This user guide expects the reader to have a basic knowledge of Windows and installing applications.

1.2 Process Overview

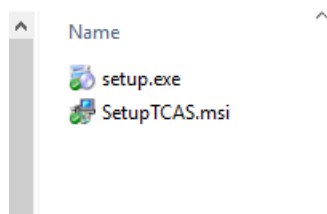
The SIX ADS provides a virtual display for an ADS-B Transponder for Prepar3D version 2.5 and above. The ADS should be launched after Prepar3D. Once started, various settings can be configured through keystrokes and mouse input.

2 Installation

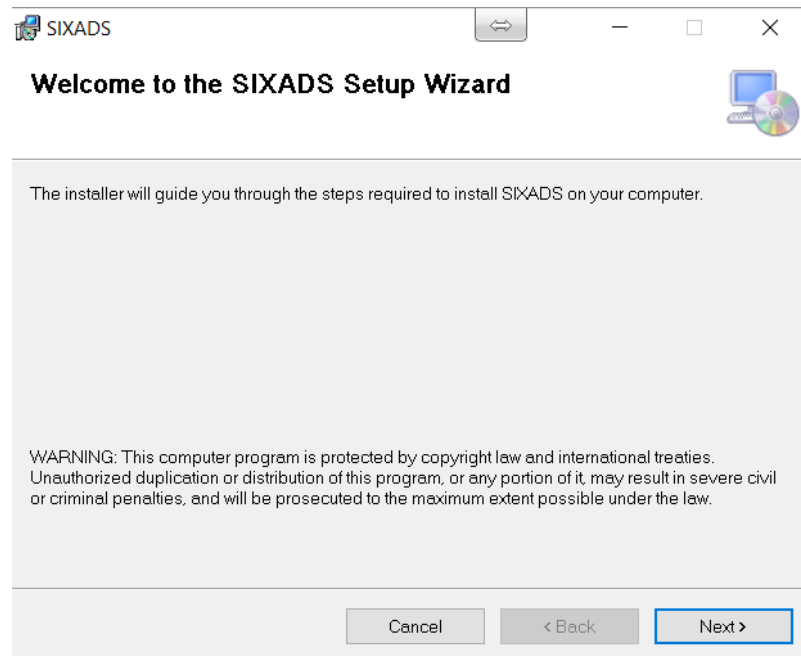
This section will cover the installation of the SIX ADS.

Minimum requirements: Microsoft Windows 7
 .NET 4.0 Framework
 Internet Connection (for registration only)

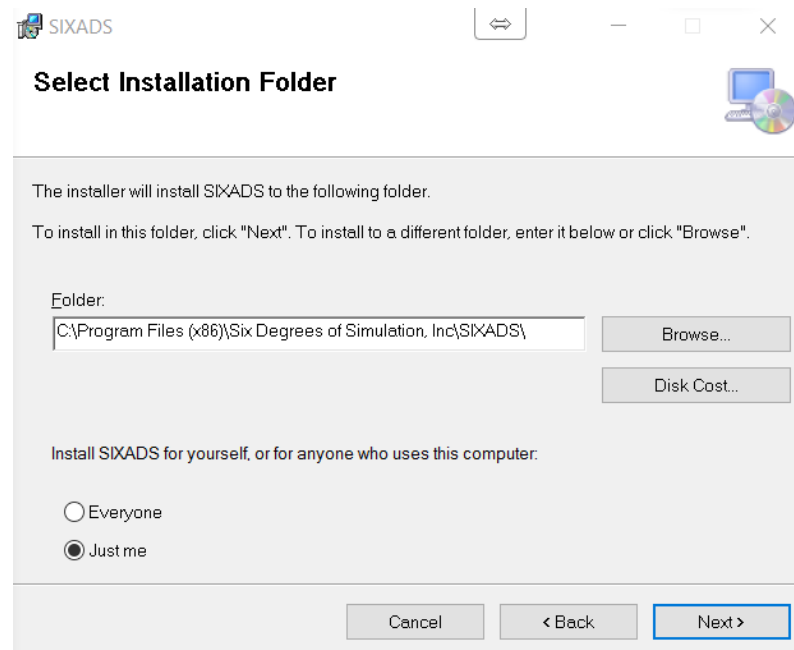
2.1 Download and extract the installation files.



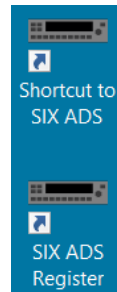
2.1.1 Double-click setup.exe to start the installation.



Follow the prompts to install the application.



2.1.2 Launching the Application

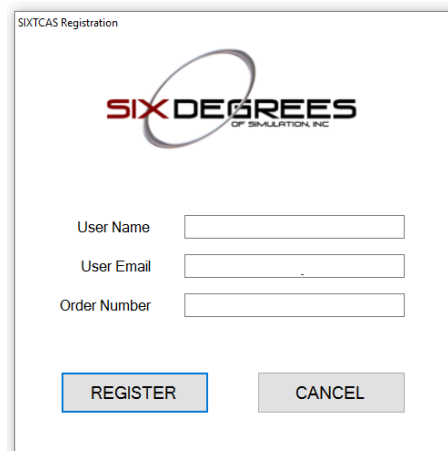


To start the application, double-click the icon Shortcut to SIX ADS.

To register your application after purchase, double-click the icon SIX ADS Registration.

2.2 Registering your Product (Requires Internet Connection)

- Make sure you register your product on the computer that it will be used on. Once it is registered, it cannot be transferred to a different computer.

The image is a screenshot of a registration dialog box titled 'SIXCAS Registration'. At the top center is the logo for 'SIX DEGREES OF SIMULATION, INC.', which consists of the text 'SIX DEGREES' in a bold, sans-serif font with a stylized circular graphic behind it, and 'OF SIMULATION, INC.' in a smaller font below. Below the logo are three text input fields, each with a label to its left: 'User Name', 'User Email', and 'Order Number'. At the bottom of the dialog box are two buttons: a blue 'REGISTER' button and a grey 'CANCEL' button.

1. Enter a user name to register your product under.
2. Enter the email address used during the product purchase.
3. Enter the order number from your email confirmation.
4. Click the REGISTER button.

Once the product license has been purchased, please wait at least 5 minutes before attempting to register your product.

3 Operation

The SIX ADS transponder and flight timing for Prepar3D.

3.1 Controls



There are 15 virtual buttons and 1 virtual knob on the bezel.

- a) IDENT
- b) VFR
- c) MODE
- d) FUNC
- e) Number Keys 0-9
- f) CLR
- g) Control Knob

3.1.1 Knob Control



There are 3 touch areas to the control knob. Left, Right, and Center.

3.1.2 Application control

There are functions to control the application. To access the dropdown menu, right-click the application bezel.

1. Lock – Prevents the application from moving position
2. Bezel – Turns the graphical bezel on/off
3. +/- keys (N-Pad) will increase or decrease the size of the display
4. Joystick – Allows joystick buttons to be programmed and mapped
5. Register – Launches the activation process to register your product
6. Exit – Terminates the application

**All settings for size, position, and configuration are saved and reloaded when the application starts.*
