

Australian Style Desto Controller (ASDC) Mod

Driver Guide

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This mod changes the behaviour of OMSI IBIS controller to be closer to that of a typical controller in Australia. To summarise, for a typical route, this means that rather than selecting a line then route, a destination code is used which is bound to a route number. This means that a specially designed HOF file is required. As a disclaimer, the author has no real-world experience with destination displays and thus behaviour may differ from the real-world. This version old contains modifications for the RHD/LHT Citaro Facelift.

As part of this project, the non-related functionality was removed from the IBIS (i.e. stop list and announcements) to simplify development.

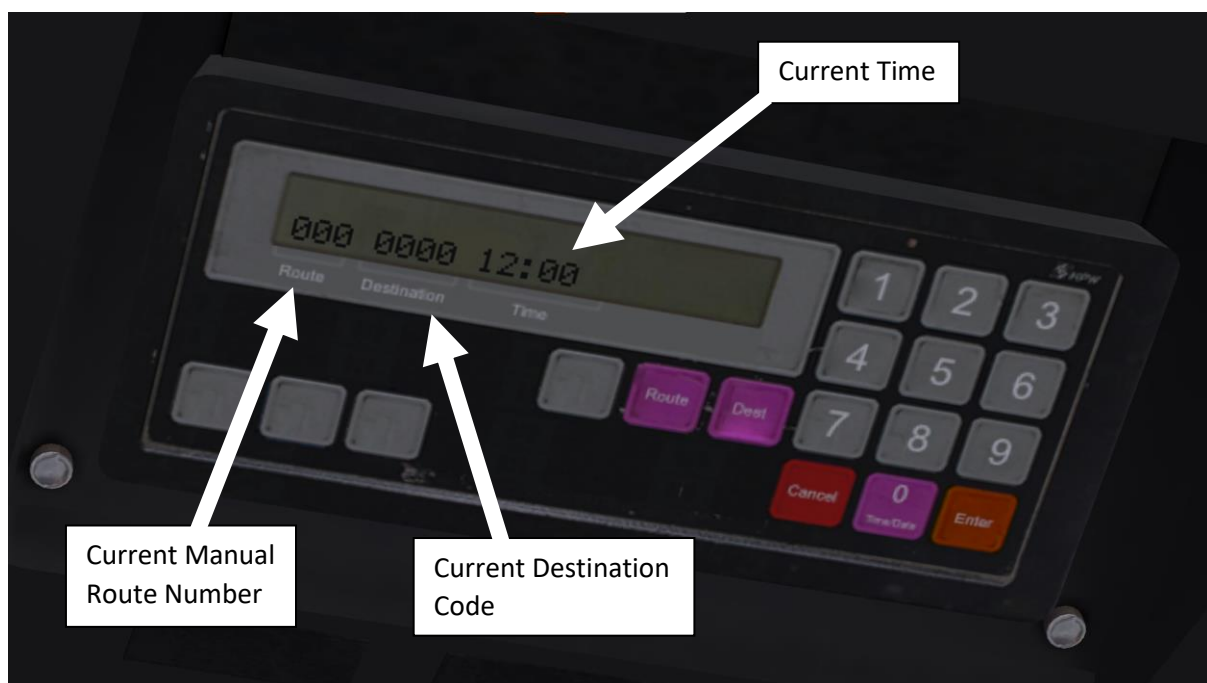


Figure 1: Default ASDC Display

There are three types of destination display that can be set with this controller:

- 1) Bound Destination
- 2) Unbound Destination (Supplementary)
- 3) Unbound Destination (Supplementary) + Manual Route Number

Inserting a Bound Destination

This method is used to load regular routes and special supplementary displays from the HOF file loaded into the bus. Special supplementary displays are supplementary displays where no route can be displayed (e.g. Not in Service). This restriction is respected by the ASDC/OMSI. For regular bound routes, the route number is set as the code is initially loaded but no modification protection exists due to system limitations. Drivers are asked not to override bound destinations.



- 1) Press pink "Dest" button
- 2) Insert code from Runprint using keypad
- 3) Press orange "Enter" button
- 4) Verify that the correct route and destination display
- 5) Done. The display will reset to normal view automatically. Note that the Destination code remains visible on the bottom row of the screen.

Inserting an Unbound Destination

This process is the same as above, however, no route number is set. This mode is used for supplementary destinations.



- 1) Press pink "Dest" button
- 2) Insert supplementary destination code using keypad
- 3) Press the orange "Enter" button
- 4) Verify that the correct destination displays
- 5) Done. The display will reset to normal view automatically. Note that the Destination code remains visible on the bottom row of the screen.

Inserting a Manual Route

Manual route numbers can be used in combination with unbound supplementary destinations. This is useful for school routes, charters and special events. Note that this only supports 3 numerals. The display of letters requires a bound destination.



- 1) Press pink "Route" button
- 2) Insert route number using keypad (Max 3 digits)
- 3) Press the orange "Enter" button
- 4) Verify that the correct route displays on the bottom row of the screen.



Note: Any time a destination (bound or unbound) is set, the route number resets to 0.

Viewing the current Date/Time

When no other mode is selected, the current Date/Time can be brought up



- 1) Ensure that no other mode is selected (Or press the red "Cancel" to exit)
- 2) Press the pink "0 Time/Date" key

This display will remain until dismissed. When Finished:

- a) Press the red "Cancel" button to cancel
- b) Press any other pink button to switch mode