

SELECT ROUTE

The controller is capable of storing 50 routes in memory by using the software provided. To change between these routes use the \leftarrow and \rightarrow keys. When the **ENTER** button is pressed, the controller will send the information of the new route to the destination boards.

DOWNLOAD

When new route information is to be downloaded onto the controller the procedure is as follows:

- Press **MENU->NEXT->DOWNLOAD**
- Attach the memory stick to the **TOP** connector on the side of the controller.
- The controller will detect when it is attached and start the download automatically.
- Please wait until the download bar finishes.

When the download is complete the memory stick can be removed and the new information will be available.

TIME ADJUST

Use the \pm buttons to increase/decrease the hours/minutes. Press **OK** to save the new time.

Connections:

Refer to drawing at the beginning of this document for the different connectors. Follow the order below for connecting the unit:

1. ***Make sure no power is supplied to the unit.***
2. Attach the cable provided for the CAN bus to the bottom connector on the side of the unit.
3. Attach the GPS antenna.
4. On the back of the unit connect the red wire to Batt+, and the black wire to Batt-.

Autobus Controller

Users Manual

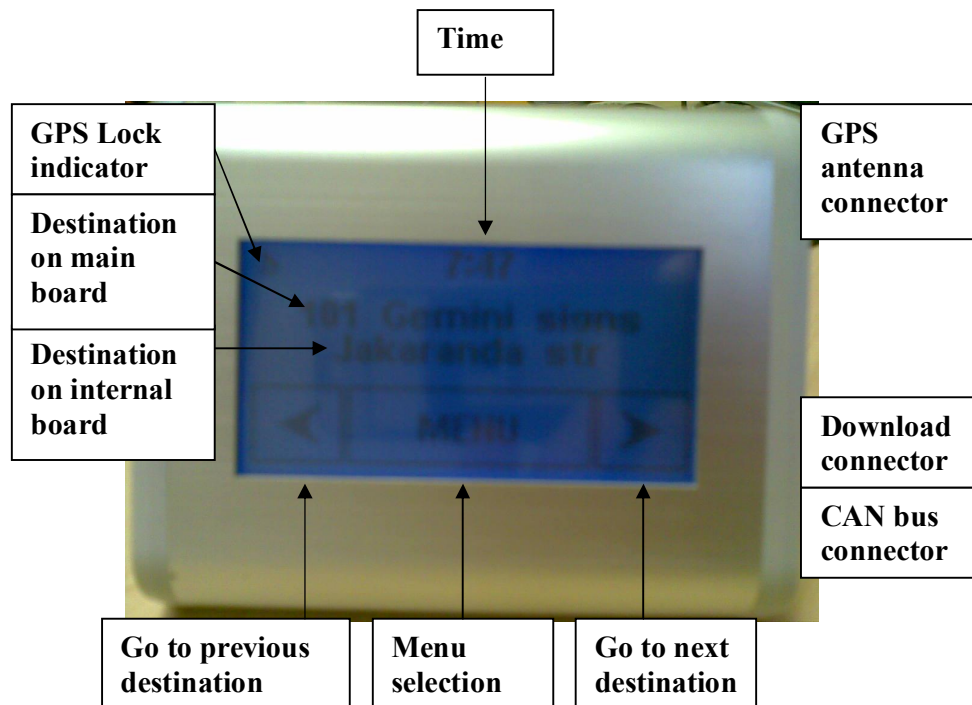
Manufactured by



Introduction

The controller incorporates fully automatic destination updates via GPS, but can also be manually updated by the touch panel interface. Communication is controlled via CAN bus. When power is applied, the controller starts up in the default screen below, indicating the first main and internal stop programmed by the user.

Warning: Never connect or disconnect the GPS antenna when power is supplied to the unit!



Unit operation

On startup the controller will send the appropriate information to each destination board. The GPS needs approximately 3min to establish a lock before any auto updates will take place. This is indicated by this symbol:

☒ - GPS locked

☒ - No lock

The top line on the lcd displays the same information as the main display board, and the second line on the lcd displays the same information as the internal board, either scrolling or static. By pressing the arrow buttons, left/right, the user can change to the previous/next stop in that route respectively.

By pressing on the MENU button, the following functions are available:

- **DISPLAY** ☒ To adjust display settings.
- **SELECT ROUTE** ☒ To change to a new route.
- **DOWNLOAD** ☒ To download route information from the custom memory stick.
- **TIME ADJUST** ☒ To adjust the current time.

DISPLAY

The brightness and contrast of the lcd display can be adjusted here. To adjust the brightness of the backlight, press **MENU->DISPLAY->BRIGHTNESS** and use the \pm buttons on the touchpanel to increase/decrease the brightness.

To adjust the contrast, press **MENU->DISPLAY->CONTRAST**.