

READYKEY® K2105

K2100 Upgrade Kit

<p>Please read this data sheet carefully before proceeding with any upgrade.</p>

Introduction

The K2100 is a replacement for the Readykey K2000-AM and K2000-N door controllers. Only one version of the K2100 is manufactured, with different operating modes selected in software. The difference between the K2000-AM/K2000-N and the K2100 is contained mainly within a small board, the memory module, located on the front of the unit under a clear plastic cover. It is this module that allows a K2000-AM or K2000-N door controller to be upgraded on site to a K2100 without being returned to Radionics.

This kit allows the following upgrades to be performed:-

K2000-AM to K2100

K2000-N to K2100

After installation the upgraded controller will have a blank, uninitialized database. The database from the controller before the upgrade will still be maintained in the original memory module.

Once a unit has been upgraded it should be treated as a brand new K2100 door controller. This entails following the initialization and start-up procedures for the particular administration system once the upgrade is complete.

Upgrade Kits are always supplied with the current software for the K2100. If there is any doubt as to whether this is appropriate then please contact Radionics for advice.

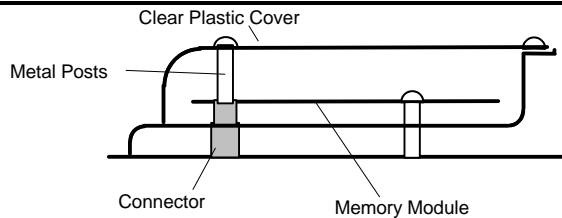
Important:

- **Please read the *K2100 Installation Manual* included with this kit. It contains important information about the new door controller.**
- **Please note that this is a *software upgrade only*. References to the new power supply features of the K2100 do not apply to upgraded controllers.**

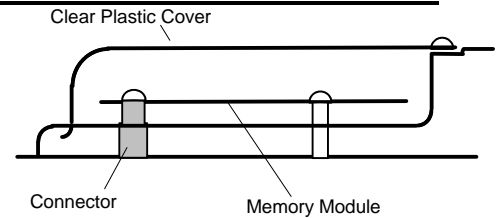
K2000-AM/K2000-N Assembly

There are two different methods of locating the memory module to the base of the K2000-AM or K2000-N. The first method, known here as Type A, had one screw locating the module to the base with the clear plastic cover secured by 3 screws, 2 of which were attached to metal posts on the memory module. The second method, Type B, was introduced on all K2000-AM/K2000-N units manufactured since June 1992. This method located the memory module directly to the board with 3 screws. The clear plastic cover is now located, via an extension lip, to the black cover and by one screw.

Installation Procedure



Type A - Pre June 1992



Type B - Since June 1992

It is important to be aware of what type of assembly has been used when installing a new memory module.

Installation Procedure

Anti-static handling precautions should be taken at all times while following this procedure.

- **Keep all components in their packaging until needed.**
- **Discharge any static build-up by touching the metal case of the power supply.**

1. Remove all power, mains and battery, from the door controller.
2. Remove all connections, readers, lock outputs, six-wire bus, serial port, relays etc.

From this point the procedure varies for each fixing method.

Type A

3. Remove the clear plastic cover by releasing the 3 screws.
4. Remove the single screw in the center of the board. Take care not to lose the small fiber washer.
5. Unplug the memory module.
6. Remove the two metal posts by removing the two screws on the underside of the connector.
7. Fit the two metal posts, using the 2 screws, to the new memory module.
8. Refit the memory module by plugging it into the base unit.
9. Refit the center screw ensuring the small fiber washer is included.
10. Replace the clear plastic cover using the 3 screws, two through to the metal posts, one to the black cover.

Type B

3. Remove the clear plastic cover by releasing the single screw.
4. Remove the single screw in the center of the board. Take care not to lose the small fiber washer.
5. Remove the two screws at the connector.
6. Unplug the memory module.
7. Refit the memory module by plugging it into the base unit.
8. Refit the center screw ensuring the small fiber washer is included.
9. Refit the two screws at the connector.
10. Replace the clear plastic cover using single screw onto the black cover.

The installation is now complete. The newly upgraded unit should now be treated as a brand new K2100 door controller and initialized following the procedures in the installation manual included with this kit.