

Backup Card Programming

When a Card is swiped at a Reader unit or a REN/REX button is pushed, all access related decisions are usually made by the Control Module. In the event of loss of communications with the Control Module, each Reader Module can be programmed to make limited access decisions, if desired. In Reader Module Programming, the Programmer can select if the REN and/or REX button will operate when communication is lost and can also select if Backup Cards will operate.

Up to 127 Backup Cards, referred to as BC001 to BC127, can be stored in a Reader Module. Note however, that different types and/or versions of Reader Modules and Control Modules are capable of supporting different numbers of Backup Cards. The same Backup Cards are contained in all Reader Modules up to the maximum supported by the Reader Module type.

The table below provides a cross reference of the number of Backup Cards available with the different combinations of Reader Module versions and Control Module Firmware versions.

Reader Module Type / Version	Part Number	Control Module Firmware Version	
		V3.55 or earlier	V3.56 or later
2 Door Reader Module. (Through-hole PCB assembly)	993012 (Obsolete)	15	15
2 Door Reader Module.	995012	15	31
Single Door Reader Module.	995011	15	31
Enhanced 2 Door Reader Module. V1.10 or later.	995012ENH	15	127
Enhanced Single Door Reader Module. V1.07 or later.	995011ENH	15	127

Backup Cards must be enrolled into the system by swiping the Cards at Reader #01 or another Reader Module, if specified in the General System Options [MENU 7,5,1] "Reader for User Programming". When a Backup Card is swiped for enrollment, the Card data is transmitted to all Reader Modules for non-volatile storage.

Once stored in the Reader Modules, the Backup Card data will continue to be stored even if the Reader is un-powered. (Non-volatile storage)

In the event of lengthy communication failure, all Backup Cards stored (or only the first two Cards if selected as an option in Reader Module Programming) will operate the Door Lock for 5 seconds. (As long as the Module has power.)

A Backup Card does not need to relate to a User Card. Backup Cards can be a Card of any format that the Reader will accept and will operate regardless of TimeZones or other access related reasons. If communications are operative, Backup Cards are not accepted, although the same Card may be accepted as a valid User, if programmed.

Backup Cards used at a standard Reader whilst the Reader is in LAN Fail will not generate a Review entry. This is also the case for REN and REX buttons.

See "Backup Options" in "Reader Programming" for more details.

**Backup Card to
Swipe: BC001**

This screen allows a Backup Card to be selected for programming. There are a maximum of 127 possible Backup Cards for Reader Modules, BC001 to BC127. (Only 15 Backup Cards can be selected in Control Module firmware V3.55 or earlier)

Note that the number of Backup Cards supported varies with Reader Module versions and the Control Module Firmware version.
See the table on the previous page.

BC001 and BC002 can be treated as high security Cards at some Readers, if desired. See "Reader Programming".

**Waiting for
BC012 at R01**

When this screen is displayed you have 10 seconds to present a Card that will be stored as a Backup Card in all Readers. In this example, any Card swiped will be stored as Backup Card 12. If the 10 second time-out expires or any key except the END key is pressed, the Backup Card will be erased from all Readers. If the END key is pressed before the 10 second time-out, no change will be made.

Present the Cards at a Reader connected to the Reader Module specified under General System Options [MENU 7,5,1] "Reader for User Programming". The factory default for this option is Reader Module #1 (R01).

Important:

A LAN Secure [MENU 7,8,1] or LAN Init [MENU 7,8,2] must be performed once all Cards are programmed.