

GA959 NV9USB/NV10USB

Configuration Option Programming Card



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**NV9USB
NV10USB**

↑

Insert this end first

**NV9USB
NV10USB**

↑

Parallel			Pulse	
Enabled pulse	<input type="text"/>	<input type="text"/>	MDB	Select Interface
SSP	<input type="text"/>	<input type="text"/>	ccTalk	
SIO	<input type="text"/>	<input type="text"/>	SI 2	
CH 1	<input type="text"/>	<input type="text"/>	CH 5	
CH 2	<input type="text"/>	<input type="text"/>	CH 6	Select bill disable
CH 3	<input type="text"/>	<input type="text"/>	CH 7	
CH 4	<input type="text"/>	<input type="text"/>	CH 8	
High speed	<input type="text"/>	<input type="text"/>	Low speed	
# pulse x1	<input type="text"/>	<input type="text"/>	# pulse x16	Select pulse options
# pulse x2	<input type="text"/>	<input type="text"/>	# pulse x32	
# pulse x4	<input type="text"/>	<input type="text"/>	# pulse x64	
# pulse x8	<input type="text"/>	<input type="text"/>	# pulse x128	
8 bit ccTalk checksum	<input type="text"/>	<input type="text"/>	ccTalk plain/ Binary	General Options
Credit hold	<input type="text"/>	<input type="text"/>	No escrow timeout	

GA959 rev 1.4

8.23"
(210mm)

Instructions for use

1 - Cut card around outline - check measurements as printed. Check print options 'Page scaling' is set to 'None' when printing a pdf file to ensure correct size.

2 - Fill in sections as required. Take care to fill in the sections correctly, keep inside the lines and fill boxes fully as example below:



3 - Power-up BV and allow to reset.

4 - Click 'Function' button on BV to access Configuration Mode, BV bezel LEDs should be flashing at 1 second interval.

5 - Enter card into NV in direction indicated by arrows.

6 - Card will be rejected and if configuration was good the, bezel LEDs will flash at a fast rate while programming takes place. **TAKE CARE TO ENSURE THE POWER IS NOT REMOVED AT THIS STAGE, THE BV MAY SUFFER PERMANENT DAMAGE !!** The NV will then reset.

7 - If an error has occurred, the card will be rejected and the bezel LEDs will flash slowly a number of times to indicate the error cause. (See table below for codes).

8 - IMPORTANT - CHECK THAT THE CONFIGURATION REQUESTED HAS BEEN SET IN THE NV BEFORE USE!

Flash	Error
2	Invalid card read - card entered wrong way round, card mis-read or card wrong version.
3	No interface selection was detected on card.
4	Multiple interface selection detected.
5	Invalid interface selected - the selected interface is not available for this NV.
6	Selected interface not compatible with NV version.
7	Pulse configuration error. Selected pulse options invalid.(e.g. multiple pulse per dollar)
8	Not used

Program Check Procedure

To check settings on a programmed unit:

- 1 - Power on unit.
- 2 - Click program set button on unit twice (like double click on mouse).
- 3 - Monitor bezel led and check flash codes on table below

	Flash count	Pulse High	Pulse Low	Pulse per dollar	High speed	Disabled	cctalk plain	cctalk 8 bit	low power	binary	Credit Hld	No escrow/out
SSP	1											
Pulse	2	ms/10	ms/10	value							3 flash	
MDB	3											
IF 30	4											
IF 31	5											
cctalk	6						1 flash	2 flashes				3 flashes
SIO	7				1 flash	2 flashes						3 flashes
Parallel	8									1 flash		2 flashes
SP 4	9	ms/10	ms/10	value							3 flash	
NS	10											
IF 32	11				1 flash							
spare	12											
spare	13											
spare	14											

For example:

A pulse interface with 50ms high, 100ms low, 2 pulse per dollar will flash as follows 2,5,10,2

A SSP interface will only ever flash once

A cctalk interface with 16 bit checksum, no encryption wil flash 6,1

A cctalk interface with 8 bit checksum, no encryption wil flash 6,1,2

A Binary interface will flash 8,1

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3.23"
(82mm)

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8.23"
(210mm)

Parallel Pulse

Enabled pulse MDB

SSP ccTalk

SIO SI 2

CH 1 CH 5

CH 2 CH 6

CH 3 CH 7

CH 4 CH 8

High speed Low speed

pulse x1 # pulse x16

pulse x2 # pulse x32

pulse x4 # pulse x64

pulse x8 # pulse x128

8 bit ccTalk checksum ccTalk plain/
Binary

Credit hold No escrow
timeout

Select Interface

Select bill disable

Select pulse options

General Options

GA959 rev 1.4

8.23"
(210mm)

3.23"
(66mm)

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8 bit ccTalk checksum ccTalk plain/
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Credit hold No escrow
timeout

Select Interface

Select bill disable

Select pulse options

General Options

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8.23"
(210mm)

3.23"
(66mm)



Warning

These 66mm cards should only be used with the 66mm bezel fitted to the front of the NV10USB or NV9USB. This is for small width bills (for example US Dollars, Australian Dollars ...)