

# GA959 NV9USB/NV10USB Configuration Option Programming Card



Insert this end first

NV9USB NV10USB      NV9USB NV10USB

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

GA959 rev 1.4

8.23" (210mm)

3.23" (82mm)

### 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	lowpower	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

Insert this end first

**NV9USB**      **NV9USB**  
**NV10USB**      **NV10USB**

Parallel	<input type="checkbox"/>	<input type="checkbox"/>	Pulse	Select Interface
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SSP	<input type="checkbox"/>	<input type="checkbox"/>	ccTalk	
SIO	<input type="checkbox"/>	<input type="checkbox"/>	SI 2	
CH 1	<input type="checkbox"/>	<input type="checkbox"/>	CH 5	Select bill disable
CH 2	<input type="checkbox"/>	<input type="checkbox"/>	CH 6	
CH 3	<input type="checkbox"/>	<input type="checkbox"/>	CH 7	
CH 4	<input type="checkbox"/>	<input type="checkbox"/>	CH 8	
High speed	<input type="checkbox"/>	<input type="checkbox"/>	Low speed	Select pulse options
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# pulse x8	<input type="checkbox"/>	<input type="checkbox"/>	# pulse x128	
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3.23"  
(82mm)

3.23"  
(82mm)

8.23"  
(210mm)

8.23"  
(210mm)

NV9USB NV10USB Insert this end first NV9USB NV10USB

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Enabled pulse   MDB

SSP   ccTalk

SIO   SI 2

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8 bit ccTalk checksum   ccTalk plain/Binary

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Select Interface

Select bill disable

8.23"  
(210mm)

Select pulse options

General Options

NV9USB NV10USB Insert this end first NV9USB NV10USB

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8 bit ccTalk checksum   ccTalk plain/Binary

Credit hold   No escrow timeout

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Select Interface

Select bill disable

8.23"  
(210mm)

Select pulse options

General Options

3.23"  
(66mm)

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 ...)