NV11
MANUAL SET

INTRODUCTION

INTELLIGENCE IN VALIDATION

Innovative Technology
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MANUAL AMENDMENTS

Document Base Details

Spec. Used	Issue Date	Receipt Date	Comments
GA963-1	09/09/10	29/07/11	
GA138	01/11/10	22/01/11	
GA959	29/03/11	29/07/11	

Amendment Details

Rev.	Date	Amendment Details	Issued by
--	19/04/12	First Issue	EAM

NV11 MANUAL SET - INTRODUCTION

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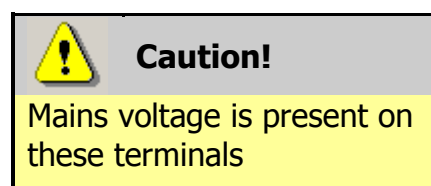
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PRODUCT SAFETY INFORMATION

Throughout this manual set, we may draw your attention to key safety points that you should be aware of when using or maintaining the product.

These safety points will be highlighted in a box, like this:

> ⚠️ **Caution!**
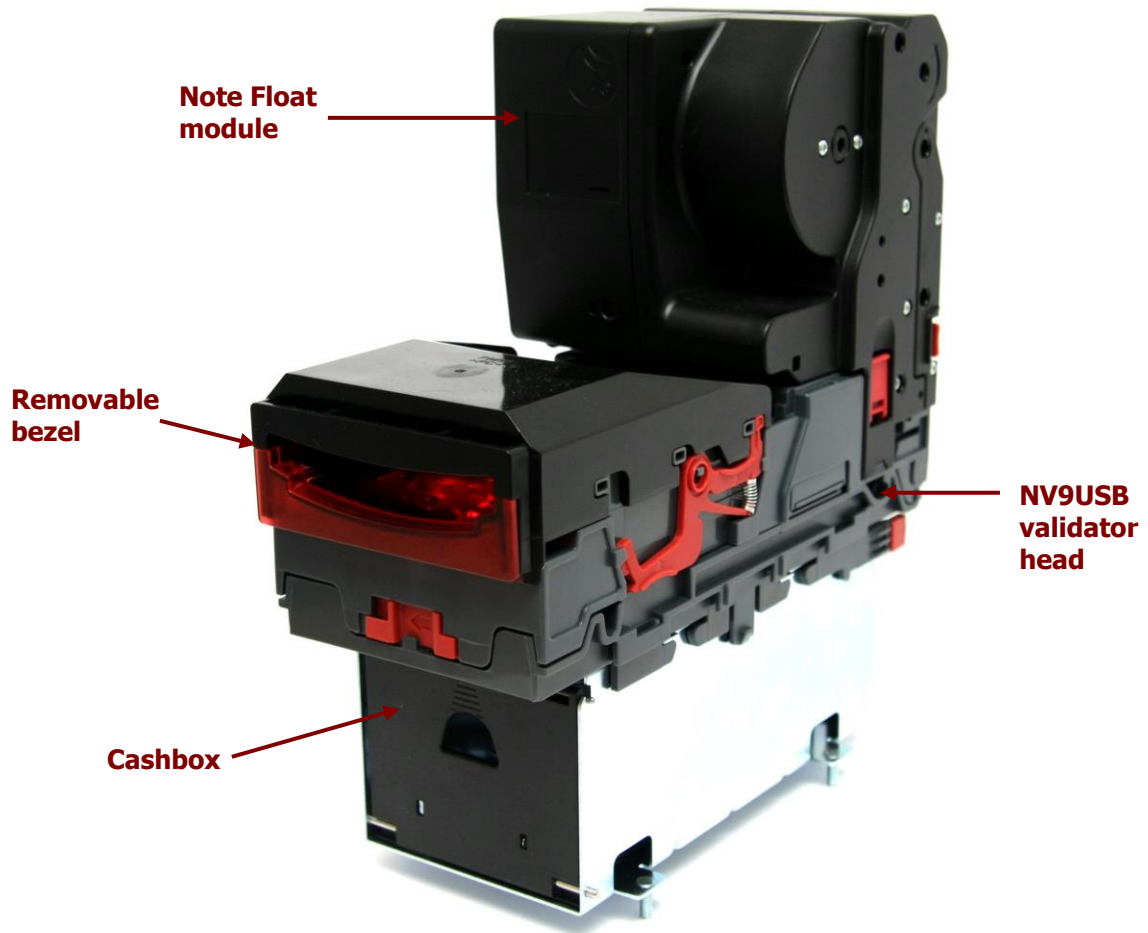>
> Mains voltage is present on these terminals

This manual set and the information it contains is only applicable to the model stated on the front cover, and must not be used with any other make or model.

INTRODUCTION

The NV11 validator is made up of four basic components: an NV9USB validator head, Note Float module, removable bezel and a cashbox (as shown below):

Note Float module

Removable bezel

NV9USB validator head

Cashbox

The NV11 is a device that can accept, validate and store 300 or 600 bank notes of mixed denominations, and also has the capability of storing a further 30 notes in the Note Float module for future payout.

NV11 Rear View

NV11 Side View

NV11 Front View

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Up to 16 different denominations of bank note can be accepted and stacked, and the Note Float module can be programmed to store and dispense 30 single denomination notes.

The NV11 validator leaves the factory preset to at least one currency and one firmware interface so that it is ready for immediate installation. The NV11 validator works with any NV9USB currency dataset created by Innovative Technology Ltd - datasets can be downloaded from the Support section of the ITL website.

FEATURES

The NV11 validator has many innovative features, including:

- 300 or 600 note storage capacity
- Note Float module has 30 note capacity (single denomination)
- Accepts, validates and stores bank notes in less than 3 seconds
- Uses a secure encrypted protocol for data transfer

TYPICAL APPLICATIONS

The NV11 validator can be used in a variety of situations where high security and high volume bank note acceptance, validation and payout are needed. Some typical applications are:

- AWP and SWP applications
- Self-Serve and Retail
- Kiosks
- Casinos
- Parking and Ticketing
- Vending

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STRUCTURE OF THIS MANUAL SET

This manual set is made up of seven sections, each is supplied in a separate Portable Document Format (PDF) file, so you only need to download or print the section relevant to your requirements:

- Introduction
- Section 1 – Quick Start and Configuration Guide
- Section 2 – Field Service Manual
- Section 3 – ITL Software Support Guide
- Section 4 – Mechanical and Electrical Manual
- Section 5 – Software Implementation Guide
- Section 6 – Technical Appendices

WHICH SECTION IS RELEVANT TO ME?

- **Quick Start and Configuration Guide:**

  - Most users should use this section; typical users are software engineers looking at how to make it work, project engineers evaluating their first unit, or installation engineers installing the unit into a host machine.

  - This section contains the essential information that a user needs to quickly assemble and configure the NV11 validator ready for installation into the host machine.

- **Field Service Manual:**

  - Typically used by a field service engineer who is maintaining the product.

  - This section contains the essential information that the field service engineer needs to clean, maintain and fault find an NV11 validator that is installed in a host machine.

- **ITL Software Support Guide:**

  - Any user who wants to test the functionality of the unit, reprogram the firmware or dataset, or set up the encryption key, address or routing for the unit.

  - This section contains the information needed for a user to configure and program the NV11 validator, using a range of software tools.

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- **Mechanical and Electrical Manual:**

  - Design engineers who are designing a host machine cabinet, or looking to integrate the NV11 validator into an existing cabinet.

  - This section contains the all the mechanical and electrical information a designer needs to effectively integrate the NV11 validator into a host machine.

- **Software Implementation Guide:**

  - Software engineers looking at how to implement the NV11 validator in their host machine, or design engineers looking at including the unit in their host machine.

  - The information in this section details the communications protocols, specific commands and interfaces used (eSSP and ccTalk).

- **Technical Appendices:**

  - These appendices have no specific audience, but users can find relevant and useful information here.

  - This section includes information on product approvals, technical specifications and ordering information.