Banknote validator

SODECO™ BNA57/54

with escrow, stacker and removable security cash-box

Features

- 6, 13, 30 or 90 banknote types with 4-way insertion
- Best banknote acceptance at first insertion
- Fast transaction time: 2 seconds between notes (into escrow)
- Quantum leap in security
- New banknotes programmable through network
- 15 banknotes escrow
- Unrivalled reliability, gives lowest cost of ownership
- Cash-box BNA541 for up to 1000 banknotes or BNA542 for up to 2000 banknotes
- Simple to service and easy to maintain

Application

For high volume Automatic Fare Collection, with escrow system

- Ticket vending machine
- Stationary and mobile ticketing application
- Car park pay automate
- Dispensing and revaluating pre-paid cards
- Cash deposit

SODECO™
CASH MANAGEMENT SYSTEMS

mei®
www.meigroup.com

Range Features

These features are common to the full SODECO™ BNA500 series:

Validator

- Universal inlet with LED indicator, anti-card device, made in robust metal alloy with ergonomic design.
- Exceptionally high first acceptance – 98% – with outstanding security.
- Works in harsh operating environment (0º to +60ºC). Inlet to as low as -25ºC (dry), optional anti-ice heating.
- Compact, space efficient size
- Same 3 fixing points for all BNA 500 products.
- Additional 2 fixing points with BNA 542 configuration
- Full control of the banknote transport ensures low jam rate.
- Controlled inlet and outlet flaps defeat manipulation.
- Validator opens easily without tools for easy cleaning access.
- On-site banknote configuration with a PC or via a network.

Removable security cash-box

- Banknotes perfectly stacked inside the cash-box.
- Sturdy construction, fast and secure cash-box interchange, electronic identification.
- Different keys for cash-box collection and revenue centre.
- Locking shutter mechanism with automatic reset
- Several optical and electronic detectors for cash-box handling and identification

Polycarbonate cash-box for up to 1000 banknotes
BNA 541-3 for front insertion
BNA 541-4 for rear insertion
Stainless steel cash-box for up to 2000 banknotes
BNA 542-1 for front insertion
BNA 542-2 for rear insertion

World-wide service and repair operation

Technical Specification BNA57

Front or rear cash-box insertion
BNA 571 for front insertion
BNA 572 for rear insertion

Banknote capacity

National or mixed currencies, in 4 ways.
BNA 571-3 handles 6 banknotes — BNA 571-4 handles 13 banknotes
BNA 571-5 handles 30 banknotes — BNA 571-7 handles 90 banknotes

Banknote sets

All the world's major banknote sets can be supported and are continuously updated.
Dimensions of accepted banknotes:
Width 60 to 86mm — Length 112 to 182mm

Escrow system

Escrow with up to 15 banknotes capacity

Power supply

24 VDC (±15%), 2.5A (max)

Interfaces

Serial RS 232C — Security protocol DIN 66348

Operating modes

"Easy Mode", "Set-up Mode"
"High Acceptance" or "High Security" mode

Weights

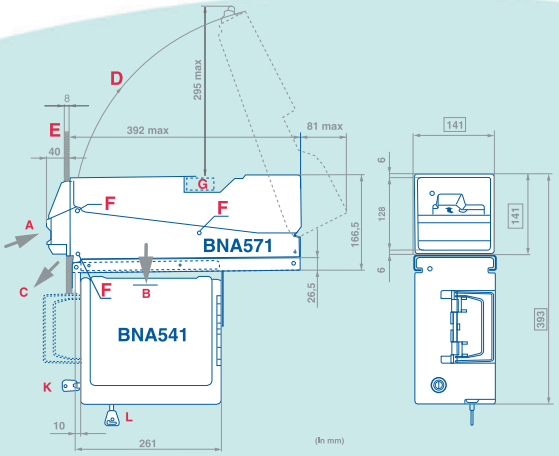
BNA57	11,3 kg	25,0 lbs
BNA541 empty	4,3 kg	9,4 lbs
BNA542 empty	7,2 kg	15,9 lbs

Support tools SODECO™ ST:

MEI programme for monitoring, diagnostics and configuration, based on Windows® platform

Options

- Heating inlet 24 V DC, 3A.
- Network with SODECO™ SDK for Windows® XP/Vista/Seven with TCP/IP protocol



Cut-outs in the automat door
130 x 130 mm

Dimensions BNA542
add 123 mm, total height 516 mm

All power and communication connectors are integrated within the overall dimensions

Dimensions

A Banknote insertion
B Banknote stacking
C Banknote return
D Open validator
E Automat front panel
F Fixing points M5
G RS 232 & 24 VDC connections
K Key for extraction
L Key for opening

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