



Powerful and Versatile Multi-Interface Decoders

Master B+ and Master BB+ allow you to connect a variety of input devices to more than 2000 different terminals and PC's.

The Master B+ features dual input ports for connecting to undecoded and RS-232 devices including Wands, CCD scanners, Laser scanners, Badge readers, Magnetic Stripe readers, POS scanners, Scales and OCR readers. The Master B+ also features dual communication ports: one for host connection and the other for auxiliary input. Host communication mode will support Keyboard Wedge, RS-232, RS-485, multi-drop, OCIA, IBM 46XX as well as Wand, Magnetic Stripe readers and Laser emulation. In addition, adapters are available for RS-422, 20 mA current loop and more.

Programming Master B+ is easy with two available methods, including bar code menus and cloning. The Master B+ autodiscriminates and decodes up to 21 different bar code symbologies.

The Master BB+, the world's most popular decoder, is a smaller and less expensive version of the Master B+, with a single input

port and a single communication port. It supports the same programming methods, bar code symbologies, input devices and communication interfaces as the Master B+. It also connects to the same set of terminals and PC's.

Both the Master B+ and Master BB+ interface to more terminals and PC's than any other decoder. An editing mode is available with both the Master B+ and Master BB+, designed to offer you complete flexibility to change the format of the data input message before transmitting to the host system. Input data can be received from bar code scanners, Magnetic Stripe readers or any RS-232 auxiliary device.

For easy connectivity and decoding, nothing beats the Master B+ and Master BB+ decoding devices.



Features

- Supports all types of data capture devices
- Multiple communication interface types
- Supports over 2,000 terminals and PC's
- Two programming methods
- Decodes up to 21 bar code symbologies
- Input data editing

Specifications

DECODING CAPABILITY

1D/LINEAR CODES

Ames; Codabar; EAN 8, EAN 13, EAN 128; UPC-A, E; IATA; Code 11, Telepen; Matrix 2 of 5; Standard 2 of 5; Pharmacode 32/39; MSI; Plessey; Delta Distance A; Label Codes 4/5; ISBN Conversion; Code 39; Code 93; Code 128; Codablock A & F; JAN 8, 13 (extensions); Code 39 Full ASCII, multi-read mod. 43, CIP; Interleaved 2 of 5

ELECTRICAL

CURRENT

Master B+: 5 VDC \pm 10% 40 mA
Master BB+: 5 VDC \pm 10% 30 mA

ENVIRONMENTAL

DROP RESISTANCE

Withstands multiple 1.2 m / 4 ft drops to concrete

HUMIDITY (NON-CONDENSING) TEMPERATURE

5 - 95%
Operating: 0 to 55 °C / 32 to 131 °F
Storage: -20 to 70 °C / -4 to 158 °F

INTERFACES

25-PIN FEMALE D-SUB (B+ AND BB+)

Keyboard Wedge (more than 2,000); RS-232 (standard and TTL levels); RS-485 (for network applications); OCIA, Wand, and Magnetic Stripe emulations; IBM 46XX; Adapters for RS-422, 20 mA current loop

25-PIN MALE D-BUS (B+ ONLY)

RS-232; Box Relay Activation

PHYSICAL CHARACTERISTICS

DIMENSIONS

Master B+: 14.4 x 11.0 x 2.3 cm / 5.6 x 4.3 x 0.9 in

Master BB+: 7.5 x 5.7 x 1.8 cm / 3.0 x 2.3 x 0.7 in

WEIGHT

Master B+: 200.0 g / 7.0 oz

Master BB+: 60.0 g / 2.0 oz

SYSTEM

DECODER PROGRAMMING METHODS INPUT EDITING

Bar Code Menu; Cloning Mode
Enable/Disable four data editors
Define data qualifiers: bar code types, bar code lengths, predefined characters
Up to 5 define data fields by length or delimiters
2 Define fields (up to 6 characters) of text and 2 action keys to be added to each data string
Define output sequence of data fields and added data fields
Define output redirection

INPUT PORTS (9-PIN MALE D-SUB)

Port J1 and J2 (B+) and Port J1 (BB+): Wands, CCD scanners, Laser scanners, Optical Badge readers, Single or Dual Magnetic Stripe readers

Port J1 and J2 (B+) and Port J1 (BB+): Bi-directional RS-232 also available

TECHNOLOGY

HC-MOS surface mount components; 12 mHz processor; 128 KB EPROM; 8 KB RAM; 4 KB EEPROM; ASIC; Metal D-sub connectors

SAFETY & REGULATORY

AGENCY APPROVAL

The product meets necessary safety and regulatory approvals for its intended use.

ENVIRONMENTAL COMPLIANCE

Complies to EU RoHS

WARRANTY

1-Year Factory Warranty

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