

# Master B+ & BB+

Decoders

Data Sheet



## Mechanical

### Master B+

Height: 5.6"/144 cm  
Width: 4.3"/11 cm  
Length: 0.9"/2.3 cm  
Weight: 7 oz/ 200 g

### Master BB+

Height: 3"/75 cm  
Width: 2.3"/5.7 cm  
Length: 0.7"/1.8 cm  
Weight: 2 oz/ 60 g

## Construction

Case: High-Strength ABS-Blend Plastic

## Environmental

### Temperature Ratings

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

### Humidity: 5 to 95% NC

Shock: Multiple 4-foot drops to concrete

## Decoding Capability

- Ames
- Codabar
- EAN-8, 13, 128
- UPCA, E
- IATA
- TELEPHEN
- Matrix 2 of 5
- Standard 2 of 5
- PHARMA 32/39
- MSI / Plessey
- Delta distance A
- Label Codes 4/5
- ISBN Conversion
- Code 11, 39, 93, 128
- Codablock A & F
- JAN 8, 13 (extensions)
- Code 39 Full ASCII, multi-read mod. 43, CIP
- Interleaved 2 of 5 (fixed or variable length modes)

## Safety & Regulatory

Emissions: CE and FCC Class A

Restriction of Hazardous Substances: Complies to EU RoHS



## Features

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

## System

### Communications Ports

#### 25-Pin Female D-sub (B+ & BB+):

Keyboard Wedge (more than 2,000)

RS-232 (standard & TTL levels)

RS-485 (for network applications)

OCIA, Wand, and MSR emulations

IBM 46XX

Adapters for RS-422, 20mA current loop

#### 25-Pin Male D-bus (B+ only): RS-232

Box Relay Activation

### Decoder Programming Methods

Bar Code Menu

Cloning Mode

### Input Editing

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 & J2 (B+) & Port J1 (BB+)

Wands, CCD scanners, laser scanners, optical badge readers, single or dual magnetic stripe readers

#### Port J1 & J2 (B+) & Port J1 (BB+)

Bi-directional RS-232 also available

### Power

Master B+: DC 5 V ± 10% 40 mA

Master BB+: DC 5 V ± 10% 30 mA

### Technology

HC-MOS surface mount components

12 mHz processor

128 KB EPROM

8 KB RAM

4 KB EEPROM

ASIC

Metal D-sub connectors

**DATALOGIC™**

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