1D Mini Ring Barcode Scanner

User Manual

Model 178938

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MH-178938_UM-1117_REV-5.01

Before You Begin

Read through this manual carefully before using the product and operate it according to the manual. Keep it in an easily accessible location for future reference.

Do not disassemble the device or remove the seal label from the device. Doing so will void the Manhattan product warranty.

All pictures in this manual are for reference only. The actual product may differ. Manhattan reserves the right to make changes to any software or hardware to improve reliability, function, or design at any time without notice. The information contained herein is subject to change without prior notice.

Version History

Version	Description	Date
V1.0	Initial Release	June 18, 2016

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Chapter 1: Getting Started

Introduction

The Manhattan 1D Mini Ring Barcode Scanner is a productivity tool that is easy to wear and use. It combines Bluetooth wireless connectivity with hands-free usability and a range of scanning options. This wearable tech barcode scanner can read almost all 1D barcodes and features enhanced, efficient LED illumination.

Reading paper and commodity codes, the Bluetooth ring scanner reliably transmits barcode data from up to 60 feet away. Operators can efficiently, safely and comfortably complete barcode-reading tasks — all while keeping both hands free. The scanner can be connected with nearly all smart phones, PCs, tablets, laptops and computers.

Features

- Wireless Bluetooth communication: supports mainstream Android and IOS systems, PCs, tablets, laptops, and computers
- Automatic reconnection when offline
- Low physical volume for easy carrying or wearing
- Stable and safe data reservation, supporting HID and SPP mode
- Low power consumption

Applications

- Manufacture
- Health-care
- Supermarket
- Retail
- Industrial and logistics

Barcode Overview and Scanning Procedure

Manual Introduction

Manual scanning mode:

1. Press and hold the trigger button; the red light activates.
2. Position the center of the codes under the light, and move the scanner between the codes to find the best scanning distance.
3. Decoding (reading) is complete when the buzzer sounds and the lights turn off. Codes are transmitted to the host.

Note: Increase scanning success by finding and maintaining the right reading distance from the same types of barcodes.

Chapter 2: Scanner Parameters

Physical Parameters

Physical Parameter	Value
Device weight	< 35 g / 1.2 oz.
Device Size	52.8 (L) x 36 (W) x 28.6 (H) mm / 2.1 (L) x 1.4 (W) x 1.1 (H) in.
Material	ABS
Color	Black
Cable length	0.8 m / 2.6 ft. (for charging)
Power Adapter	Output: 5 VDC, 1A; Input: 100 ~ 240 VAC, 50 ~ 60 Hz

Performance Parameters

Performance Parameter	Value
Light Source	Visible 650 nm laser light
Laser Level	National Class II
Resolution	≥ 0.076 mm (0.003 in.) at PCS 90%
Depth of Field	2 – 50 cm (0.8 – 19.7 in.)
Scan Speed	270 times/sec
Scanning Mode	Trigger button
Promote Mode	Buzzer, LED indicator
Scan Angle	Roll: ± 30°, Pitch: ± 65°, Yaw: ± 60°
Transmission Distance	30 m (98 ft.)
Battery Capacity	400 mA
Current	75 mA (Work)
Transmission Type	Bluetooth 3.0
Print Contrast	≥ 25%
Ambient illumination	5000 Lux max.
Decode Capability	UPC/EAN/JAN, UPC/EAN with Supplementals, UCC/EAN 128, Code 39, MSI, Code 11, Code 39 Full ASCII, Code 39, Code 128, Codabar, Code 93, RSS, Codabar, Chinese 2 of 5, Inteleaved 2 of 5, Interleaved 2 of 5, etc.

Depth of Field

Range of decoding

Type of Code	Code Dimension	Nearest	Farthest
Code 39	0.076 mm (0.003 in.)	40 mm (1.6 in.)	90 mm (3.5 in.)
Code 39	0.1 mm (0.004 in.)	30 mm (1.2 in.)	120 mm (4.7 in.)
Code 39	0.127 mm (0.005 in.)	30 mm (1.2 in.)	150 mm (5.9 in.)
Code 39	0.5 mm (0.2 in.)	20 mm (0.8 in.)	400 mm (15.7 in.)
Code 39	1 mm (0.04 in.)	100 mm (3.9 in.)	500 mm (19.7 in.)
EAN/UPC	0.33 mm (0.013 in.)	20 mm (0.8 in.)	300 mm (11.8 in.)

Test condition: 25°C (77°F) indoor; ambient illumination: 200 Lux, PCS = 0.9

User Environment

User Environment	Value
Operating Temperature	0 to 50°C (32 – 122°F)
Storage Temperature	-40 to 60°C (-40 – 140°F)
Relative Humidity	5% to 95% (non-condensing)
IP Level	IP42
Temperature Test	1.5 m (4.9 ft.)
Highest Temp	30 minutes for high temp., 30 minutes for low temp.
Lowest Temp	60°C (140°F)
Drop Test	-20°C (-4°F)
Shock Resistance	10 H at 125 RPM

Serial Parameters (for Serial Connection)

Baud Rate

Baud rate is the number of bits of data transmitted per second. The scanner's baud rate setting should match the data rate setting of the host device. If not, data may not reach the host device or may reach it in distorted form.

Baud Rate 4800*

Baud Rate 9600

Baud Rate 19200

Baud Rate 38400

Chapter 3: Wireless Settings

Bluetooth Barcode Scanner Pairing

The Manhattan Wireless 1D Mini Ring Barcode Scanner can be connected to PCs, mobile phones and other devices according to the user's needs. Scan the programming barcodes on the next page to configure the scanner.

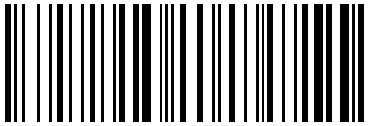
EZ Pair
One-key pairing

Pairing the Barcode Scanner

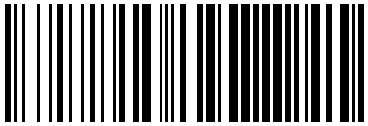
1. Push the trigger on the scanner for at least eight seconds to turn it on and enter Pairing Mode. Scan the above code for easy pairing. The blue indicator LED flashes.
    - ♣ If your computer or device does not support Bluetooth technology, insert the Bluetooth USB dongle into an available port on that device.
2. Open the Bluetooth app on your computer or device; begin the process to Add a Device by searching for devices.
3. Find "General Bluetooth HID Barcode Scanner" from the available devices list. Double- or single-click the link to install the driver.
4. A short beep will sound to confirm the device is paired.
5. The blue LED will remain lit to confirm that pairing is complete.

Bluetooth Modes

The Manhattan Wireless 1D Mini Ring Barcode Scanner allows users to choose from two different modes. HID mode outputs text directly into receptive fields on a computer or mobile device. SPP mode outputs data through serial port simulation mode (requires serial software tools to receive data).



%%BT_HID
HID MODE*



%%BT_SPP
SPP MODE

Functional Modes

Normal Mode

Transmits barcode data to the computer/device in real time.

%%ALLPT-SET
Normal Mode

Offline Mode

Uploads data normally if user is in range of computer/device; stores data if out of range for upload once back in range.

%%ALLAEM-SET
Offline Mode

Inventory Mode

Retains all scanned barcode data for later upload to a host computer/device.

%%ALLMEM-SET
Inventory Mode

Data Upload

Uploads scanned and retained data to the computer/device.

%%ALLMEM-SC
Data Upload

Total Quantity of Data

Reports the number of barcode data stored in the scanner.

%%ALLMEM-ZS
Total Quantity of Data

Data Elimination

Clears all scanned data from the scanner.

%%ALLMEM-QC
Data Elimination

Power Off

Turns off the scanner immediately.

%%POWEROFF

Power Off

Stand-by Time

The default standby time for this wireless scanner is 20 seconds. Use the programming codes below to set a different standby time. Begin by scanning the "Start Setting" code. Then, scan the corresponding time-programming code.

%%ALLTIMSET

Start Setting

%%ALLTIM00

20s*

%%ALLTIM01

30s

%%ALLTIM02

60s

%%ALLTIM03

2mins

%%ALLTIM04

5mins

ALLTIM05

10mins

%%ALLTIM06

20mins

Chapter 4: Symbologies

Set Default Parameter

The Ring Barcode Scanner can be reset to two types of defaults: factory defaults or custom defaults. Scan the appropriate barcode below to reset the scanner to its default settings and/or set the scanner's current settings as the custom default.

Restore Defaults — Scan this bar code to reset all default parameters.

*Restore Defaults

UPC/EAN

Enable/Disable UPC-A

To enable or disable UPC-A, scan the appropriate bar code below.

*Enable UPC-A

Disable UPC-A

Transmit UPC-A Check Digit

Scan the appropriate bar code below to transmit the symbol with or without the UPC-A check digit.

*Transmit UPC-A Check Digit

Do Not Transmit UPC-A Check Digit

UPC-A Preamble

Preamble characters (Country Code and System Character) can be transmitted as part of a UPC-A symbol. Select one of the following options for transmitting UPC-A preamble to the host device: transmit system character only, transmit system character and country code ("0" for USA), or transmit no preamble.

No Preamble

(<DATA>)

*System Character

(<SYSTEM CHARACTER> <DATA>)

System Character & Country Code

(< COUNTRY CODE> <SYSTEM CHARACTER> <DATA>)

Enable/Disable UPC-E

To enable or disable UPC-E, scan the appropriate bar code below.

*Enable UPC-E

Disable UPC-E

Transmit UPC-E Check Digit

Scan the appropriate bar code below to transmit the symbol with or without the UPC-E check digit.

*Transmit UPC-E Check Digit

Do Not Transmit UPC-E Check Digit

UPC-E Preamble

Preamble characters (Country Code and System Character) can be transmitted as part of a UPC-E symbol. Select one of the following options to transmit the UPC-E preamble to the host device: transmit system character only, transmit system character and country code (“0” for USA), or transmit no preamble.

No preamble
(<DATA>)

*System Character
(<SYSTEM CHARACTER> <DATA>)

System Character & Country Code
(< COUNTRY CODE> <SYSTEM CHARACTER> <DATA>)

Convert UPC-E to UPC-A

Enable this parameter to convert UPC-E (zero suppressed) decoded data to UPC-A format before transmission. After conversion, data follows UPC-A format and is affected by UPC-A programming selections (e.g., Preamble, Check Digit). Scan <DO NOT CONVERT UPC-E TO UPC-A> to transmit UPC-E (zero suppressed) decoded data.

Convert UPC-E to UPC-A (Enable)

*Do Not Convert UPC-E to UPC-A (Disable)

Enable/Disable UPC-E1

To enable or disable UPC-E1, scan the appropriate bar code below. Note: UPC-E1 is not a UCC (Uniform Code Council) approved symbology.

Enable UPC-E1

*Disable UPC-E1

Transmit UPC-E1 Check Digit

Scan the appropriate code below to transmit the symbol with or without the UPC-E1 check digit.

*Transmit UPC-E1 Check Digit

Do Not Transmit UPC-E1 Check Digit

Enable/Disable EAN-8

To enable or disable EAN-8, scan the appropriate bar code below.

*Enable EAN-8

Disable EAN-8

Enable/Disable EAN-13

To enable or disable EAN-13, scan the appropriate bar code below.

*Enable EAN-13

Disable EAN-13

UCC Coupon Extended Code

The UCC Coupon Extended Code is an additional bar code adjacent to a UCC Coupon Code. To enable or disable UCC Coupon Extended Code, scan the appropriate bar code below.

Enable UCC Coupon Extended Code

*Disable UCC Coupon Extended Code

Code 128

Enable/Disable Code 128

To enable or disable Code 128, scan the appropriate bar code below.

*Enable Code 128

Disable Code 128

Enable/Disable UCC/EAN-128

To enable or disable UCC/EAN-128, scan the appropriate bar code below.

*Enable UCC/EAN-128

Disable UCC/EAN-128

Enable/Disable ISBT 128

To enable or disable ISBT 128, scan the appropriate bar code below.

*Enable ISBT 128

Disable ISBT 128

Code 39

Enable/Disable Code 39

To enable or disable Code 39, scan the appropriate bar code below.

*Enable Code 39

Disable Code 39

Convert Code 39 to Code 32 (Italian Pharma Code)

Code 32 is a variant of Code 39 that is used by the Italian pharmaceutical industry. Scan the appropriate bar code below to enable or disable converting Code 39 to Code 32. Code 39 must be enabled in order for this parameter to function.

Enable Convert Code 39 to Code 32

*Disable Convert Code 39 to Code 32

Code 32 Prefix

Enable this parameter to add the prefix character “A” to all Code 32 bar codes. Convert Code 39 to Code 32 (Italian Pharma Code) must be enabled for this parameter to function.

Enable Code 32 Prefix

*Disable Code 32 Prefix

Transmit Code 39 Check Digit

Transmit Code 39 Check Digit (Enable)

*Do Not Transmit Code 39 Check Digit (Disable)

Enable/Disable Code 39 Full ASCII

Code 39 Full ASCII is a variant of Code 39, which pairs characters to encode the full ASCII character set. To enable or disable Code 39 Full ASCII, scan the appropriate bar code below.

Enable Code 39 Full ASCII

*Disable Code 39 Full ASCII

Code 93

Enable/Disable Code 93

To enable or disable Code 93, scan the appropriate bar code below.


Enable Code 93


*Disable Code 93

Code 11

Enable/Disable Code 11

To enable or disable Code 11, scan the appropriate bar code below.


Enable Code 11


*Disable Code 11

Interleaved 2 of 5

Enable/Disable Interleaved 2 of 5

To enable or disable Interleaved 2 of 5, scan the appropriate bar code below.


*Enable Interleaved 2 of 5


Disable Interleaved 2 of 5

Transmit I 2 of 5 Check Digit

Scan this symbol to transmit the check digit with the data.


Transmit I 2 of 5 Check Digit (Enable)


*Do Not Transmit I 2 of 5 Check Digit (Disable)

Discrete 2 of 5

Enable/Disable Discrete 2 of 5

To enable or disable Discrete 2 of 5, scan the appropriate bar code below.


Enable Discrete 2 of 5


*Disable Discrete 2 of 5

Codabar

Enable/Disable Codabar

To enable or disable Codabar, scan the appropriate bar code below.


Enable Codabar


*Disable Codabar

MSI

Enable/Disable MSI

To enable or disable MSI, scan the appropriate bar code below.


Enable MSI


*Disable MSI

RSS

Enable/Disable RSS-14

To enable or disable RSS-14, scan the appropriate bar code below.


Enable RSS-14


*Disable RSS-14

Enable/Disable RSS-Limited

To enable or disable RSS-Limited, scan the appropriate bar code below.


Enable RSS-Limited


*Disable RSS-Limited

Enable/Disable RSS-Expanded

To enable or disable RSS-Expanded, scan the appropriate bar code below.


Enable RSS-Expanded


*Disable RSS-Expanded

Chapter 5: Customized Data Inclusion

Introduction

For some applications, users may wish to include additional information/functionality such as barcode type, data acquisition time or a delimiter to the barcode data. The functions here can attach customized prefix and suffix information to the barcode's scanned data or move the cursor to a new field or line without changing the barcode data itself.

Note: Customized data — <Prefix><Data><Suffix><Terminating Characters>

Prefix/Suffix Values

A prefix and/or suffix can be appended to scan data for use in data editing. To set these values, scan a four-digit number (i.e. four bar codes) that corresponds to ASCII values. See the Appendix. To change the selection or cancel an incorrect entry, scan the Cancel bar code. In order to use Prefix/Suffix values, the Scan Data Transmission Format must be set.

Scan Prefix

Scan Suffix 1

Data Format Cancel

Scan Data Transmission Format

To change the Scan Data Transmission Format, scan one of the eight bar codes below that corresponds to the desired format.

*Data Default

<DATA> <SUFFIX 1>

<DATA> <CR>

<DATA> <SUFFIX 1> <CR>

<PREFIX> <DATA >

<PREFIX> <DATA> <SUFFIX 1>

<PREFIX> <DATA> <CR>

<PREFIX> <DATA> <SUFFIX 1> <CR>

Example 1: To set character "L" as prefix and "P" as suffix.

1. Scan programming barcode **<PREFIX> <DATA> <SUFFIX 1>,**
2. Scan programming code **Scan Prefix**
3. Scan Numeric barcodes "1","0","7","6"

4. Scan programming code **Scan Suffix 1**
5. Scan Numeric barcodes "1","0","8","0"
6. The setting is complete; the barcode data will be received as L<Data>P

Example 2: To set character "L" as prefix

1. Scan programming barcode **<PREFIX> <DATA>**
2. Scan Numeric barcodes "1","0","7","6"
3. The setting is complete; the barcode data will be received as L<Data>

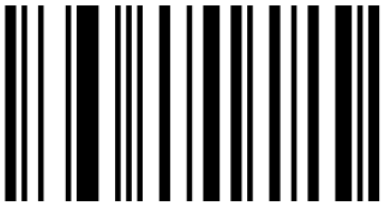
Example 3: To set character "P" as suffix

1. Scan programming barcode **<DATA> <SUFFIX 1>**
2. Scan Numeric barcodes "1","0","8","0"
3. The setting is complete; the barcode data will be received as <Data>P

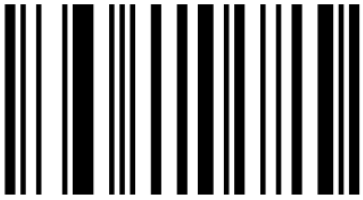
Numeric Bar Codes

For parameters requiring specific numeric values, scan the appropriately numbered bar code(s).

0



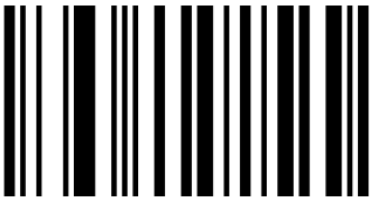
1



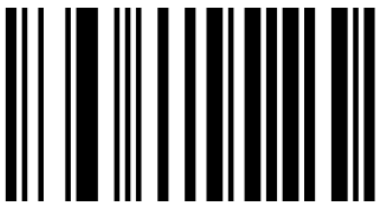
2

3

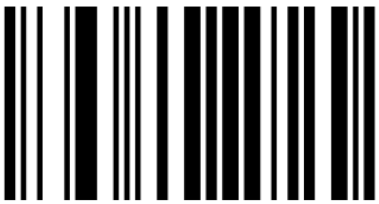
4



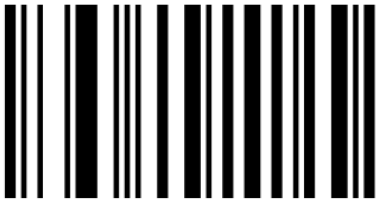
5



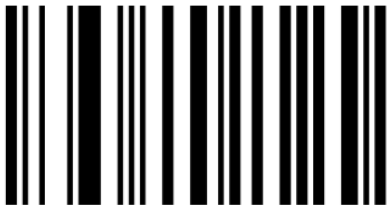
6



7



8



9

Cancel

To change the selection or cancel an incorrect entry, scan the bar code below.

Cancel

Appendix

Setting Prefixes and Suffixes Via Serial Commands

To append a prefix and suffixes to the decode data:

1. Set the Scan Data Transmission Format (parameter 0xE2) to the desired option.
2. Enter the required value(s) for Prefix, Suffix1 or Suffix2 using the hex values for the desired ASCII value from table that follows:

Character Equivalents

Scan Value	Hex Value	Full ASCII Code 39 Encode Char.	Keystroke
1000	00h	%U	CTRL 2
1001	01h	$A	CTRL A
1002	02h	$B	CTRL B
1003	03h	$C	CTRL C
1004	04h	$D	CTRL D
1005	05h	$E	CTRL E
1006	06h	$F	CTRL F
1007	07h	$G	CTRL G
1008	08h	$H	CTRL H
1009	09h	$I	CTRL I
1010	0Ah	$J	CTRL J
1011	0Bh	$K	CTRL K
1012	0Ch	$L	CTRL L
1013	0Dh	$M	CTRL M
1014	0Eh	$N	CTRL N
1015	0Fh	$O	CTRL O
1016	10h	$P	CTRL P
1017	11h	$Q	CTRL Q
1018	12h	$R	CTRL R
1019	13h	$S	CTRL S
1020	14h	$T	CTRL T
1021	15h	$U	CTRL U
1022	16h	$V	CTRL V

Scan Value	Hex Value	Full ASCII Code 39 Encode Char.	Keystroke
1023	17h	$W	CTRL W
1024	18h	$X	CTRL X
1025	19h	$Y	CTRL Y
1026	1Ah	$Z	CTRL Z
1027	1Bh	%A	CTRL [
1028	1Ch	%B	CTRL \
1029	1Dh	%C	CTRL]
1030	1Eh	%D	CTRL 6
1031	1Fh	%E	CTRL -
1032	20h	Space	Space
1033	21h	/A	!
1034	22h	/B	‘
1035	23h	/C	#
1036	24h	/D	$
1037	25h	/E	%
1038	26h	/F	&
1039	27h	/G	‘
1040	28h	/H	(
1041	29h	/I	)
1042	2Ah	/J	*
1043	2Bh	/K	+
1044	2Ch	/L	,
1045	2Dh	-	-
1046	2Eh	.	.
1047	2Fh	/	/
1048	30h	0	0
1049	31h	1	1
1050	32h	2	2

Scan Value	Hex Value	Full ASCII Code 39 Encode Char.	Keystroke
1051	33h	3	3
1052	34h	4	4
1053	35h	5	5
1054	36h	6	6
1055	37h	7	7
1056	38h	8	8
1057	39h	9	9
1058	3Ah	/Z	:
1059	3Bh	%F	;
1060	3Ch	%G	<
1061	3Dh	%H	=
1062	3Eh	%I	>
1063	3Fh	%J	?
1064	40h	%V	@
1065	41h	A	A
1066	42h	B	B
1067	43h	C	C
1068	44h	D	D
1069	45h	E	E
1070	46h	F	F
1071	47h	G	G
1072	48h	H	H
1073	49h	I	I
1074	4Ah	J	J
1075	4Bh	K	K
1076	4Ch	L	L
1077	4Dh	M	M
1078	4Eh	N	N

Scan Value	Hex Value	Full ASCII Code 39 Encode Char.	Keystroke
1079	4Fh	O	O
1080	50h	P	P
1081	51h	Q	Q
1082	52h	R	R
1083	53h	S	S
1084	54h	T	T
1085	55h	U	U
1086	56h	V	V
1087	57h	W	W
1088	58h	X	X
1089	59h	Y	Y
1090	5Ah	Z	Z
1091	5Bh	%K	[
1092	5Ch	%L	\
1093	5Dh	%M	]
1094	5Eh	%N	^
1095	5Fh	%O	_
1096	60h	%W	‘
1097	61h	+A	a
1098	62h	+B	b
1099	63h	+C	c
1100	64h	+D	d
1101	65h	+E	e
1102	66h	+F	f
1103	67h	+G	g
1104	68h	+H	h
1105	69h	+I	i
1106	6Ah	+J	j

Scan Value	Hex Value	Full ASCII Code 39 Encode Char.	Keystroke
1107	6Bh	+K	k
1108	6Ch	+L	l
1109	6Dh	+M	m
1110	6Eh	+N	n
1111	6Fh	+O	o
1112	70h	+P	p
1113	71h	+Q	q
1114	72h	+R	r
1115	73h	+S	s
1116	74h	+T	t
1117	75h	+U	u
1118	76h	+V	v
1119	77h	+W	w
1120	78h	+X	x
1121	79h	+Y	y
1122	7Ah	+Z	z
1123	7Bh	%P	{
1124	7Ch	%Q	}
1125	7Dh	%R	}
1126	7Eh	%S	~
1127	7Fh		Undefined

Values from 1128 through 1255 (hex values 80h through FFh for SSI) may also be set.

Additional Information

WASTE ELECTRICAL & ELECTRONIC EQUIPMENT

DISPOSAL OF ELECTRIC AND ELECTRONIC EQUIPMENT

Applicable In The European Union And Other European Countries With Separate Collection Systems

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DEUTSCH: Dieses auf dem Produkt oder der Verpackung angebrachte Symbol zeigt an, dass dieses Produkt nicht mit dem Hausmüll entsorgtwerden darf. In Übereinstimmung mit der Richtlinie 2012/19/EU des Europäischen Parlaments und des Rates über Elektro- und Elektronik-Altgeräte (WEEE) darf dieses Elektrogerät nicht im normalen Hausmüll oder dem Gelben Sack entsorgt werden. Wenn Sie dieses Produkt entsorgen möchten, bringen Sie es bitte zur Verkaufsstelle zurück oder zum Recycling-Sammelpunkt Ihrer Gemeinde.

ESPAÑOL: Este símbolo en el producto o su embalaje indica que el producto no debe tratarse como residuo doméstico. De conformidad con la Directiva 2012/19/EU de la UE sobre residuos de aparatos eléctricos y electrónicos (RAEE), este producto eléctrico no puede desecharse se con el resto de residuos no clasificados. Deshágase de este producto devolviéndolo a su punto de venta o a un punto de recolección municipal para su reciclaje.

FRANÇAIS: Ce symbole sur le produit ou son emballage signifie que ce produit ne doit pas être traité comme un déchet ménager. Conformément à la Directive 2012/19/EU sur les déchets d'équipements électriques et électroniques (DEEE), ce produit électrique ne doit en aucun cas être mis au rebut sous forme de déchet municipal non trié. Veuillez vous débarrasser de ce produit en le renvoyant à son point de vente ou au point de ramassage local dans votre municipalité, à des fins de recyclage.

ITALIANO: Questo simbolo sui prodotto o sulla relativa confezione indica che il prodotto non va trattato come un rifiuto domestico. In ottemperanza alla Direttiva UE 2012/19/EU sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE), questa prodotto elettrico non deve essere smaltito come rifiuto municipale misto. Si prega di smaltire il prodotto riportandolo al punto vendita o al punto di raccolta municipale locale per un opportuno riciclaggio.

POLSKI: Jeśli na produkcie lub jego opakowaniu umieszczono ten symbol, wówczas w czasie utylizacji nie wolno wyrzucać tego produktu wraz z odpadami komunalnymi. Zgodnie z Dyrektywą Nr 2012/19/EU w sprawie zużytego sprzętu elektrycznego i elektronicznego (WEEE), niniejszego produktu elektrycznego nie wolno usuwać jako nie posortowanego odpadu komunalnego. Prosimy o usuniecie niniejszego produktu poprzez jego zwrot do punktu zakupu lub oddanie do miejscowego komunalnego punktu zbiórki odpadów przeznaczonych do recyklingu.

WARRANTY INFORMATION

ENGLISH: For warranty information, go to manhattan-products.com/t/warranty.

DEUTSCH: Garantieinformationen finden Sie unter manhattan-products.com/t/warranty.

ESPAÑOL: Si desea obtener información sobre la garantía, visite manhattan-products.com/t/warranty.

FRANÇAIS: Pour consulter les informations sur la garantie, visitez manhattan-products.com/t/warranty.

POLSKI: Informacje dotyczące gwarancji znajdują się na stronie manhattan-products.com/t/warranty.

ITALIANO: Per informazioni sulla garanzia, accedere a manhattan-products.com/t/warranty.

EN MÉXICO: Póliza de Garantía Manhattan — Datos del importador y responsable ante el consumidor

IC Intracom México, S.A.P.I. de C.V. • Av. Interceptor Poniente # 73, Col. Parque Industrial La Joya, Cuautitlán Izcalli, Estado de México, C.P. 54730, México. • Tel. (55)1500-4500

La presente garantía cubre los siguientes productos contra cualquier defecto de fabricación en sus materiales y mano de obra.

A. Garantizamos los productos de limpieza, aire comprimido y consumibles, por 60 dias a partir de la fecha de entrega, o por el tiempo en que se agote totalmente su contenido por su propia función de uso, lo que suceda primero.
B. Garantizamos los productos con partes móviles por 3 años.
C. Garantizamos los demás productos por 5 años (productos sin partes móviles), bajo las siguientes condiciones:
    1. Todos los productos a que se refiere esta garantía, ampara su cambio físico, sin ningún cargo para el consumidor.

2. El comercializador no tiene talleres de servicio, debido a que los productos que se garantizan no cuentan con reparaciones, ni refacciones, ya que su garantía es de cambio físico.
3. La garantía cubre exclusivamente aquellas partes, equipos o sub-ensambles que hayan sido instaladas de fábrica y no incluye en ningún caso el equipo adicional o cualesquiera que hayan sido adicionados al mismo por el usuario o distribuidor.

Para hacer efectiva esta garantía bastará con presentar el producto al distribuidor en el domicilio donde fue adquirido o en el domicilio de IC Intracom México, S.A.P.I. de C.V., junto con los accesorios contenidos en su empaque, acompañado de su póliza debidamente llenada y sellada por la casa vendedora (indispensable el sello y fecha de compra) donde lo adquirió, o bien, la factura o ticket de compra original donde se mencione claramente el modelo, número de serie (cuando aplique) y fecha de adquisición. Esta garantía no es válida en los siguientes casos: Si el producto se hubiese utilizado en condiciones distintas a las normales; si el producto no ha sido operado conforme a los instructivos de uso; o si el producto ha sido alterado o tratado de ser reparado por el consumidor o terceras personas.

REGULATORY STATEMENTS

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and the receiver; connect the equipment to an outlet on a circuit different from the receiver; or consult the dealer or an experienced radio/TV technician for help.

CE

English: This device complies with the requirements of CE RED 2014/53/EU, 2014/30/EU and/or 2014/35/EC. The Declaration of Conformity for is available at:

Deutsch: Dieses Gerät enspricht der CE RED 2014/53/EU, 2014/30/EU und / oder 2014/35/EC. Die Konformitätserklärung für dieses Produkt finden Sie unter:

Español: Este dispositivo cumple con los requerimientos de CE RED 2014/53/EU, 2014/30/EU y / o 2014/35/EC. La declaración de conformidad esta disponible en:

Français: Cet appareil satisfait aux exigences de CE RED 2014/53/EU, 2014/30/EU et / ou 2014/35/EC. La Déclaration de Conformité est disponible à:

Polski: Urządzenie spełnia wymagania CE RED 2014/53/EU, 2014/30/EU I / lub 2014/35/EC. Deklaracja zgodności dostępna jest na stronie internetowej producenta:

Italiano: Questo dispositivo è conforme alla CE RED 2014/53/EU, 2014/30/EU e / o 2014/35/EC. La dichiarazione di conformità è disponibile al:

manhattanproducts.com

North & South America	Asia & Africa	Europe
IC Intracom America	IC Intracom Asia	IC Intracom Europe
550 Commerce Blvd.	4-F, No. 77, Sec. 1, Xintai 5th Rd.	Löhbacher Str. 7
Oldsmar, FL 34677, USA	Xizhi Dist., New Taipei City 221, Taiwan	D-58553 Halver, Germany

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