

User Manual

Code reader

HD6700

Table of contents

- Specifications: 3
- Kit contents..... 4
- Features: 4
- Master codes..... 5
- Case settings 5
- Pairing the Scanner with the USB Receiver..... 6
- Beep settings..... 6
- Sleep time settings 7
- Endpoint settings..... 8
- 2.4G mode baud rate settings 8
- Barcode Transfer Modes..... 9
- Hide start and end characters.....10
- Prefix and Suffix settings12
- Virtual COM mode for radio communication13
- Appendix 1. Control character table.....14
- Appendix 2. Display signs..... 17

Specifications:

- **Warranty:** 2 years
- **Light Source:** 650 Laser
- **Processor:** ARM Cortex 32-bit
- **Scan Acknowledgement:** Light and Sound Signal
- **Scan speed:** 500 scans/second
- **Wireless Communication:** 2.4 G
- **Wireless range:** up to 100 meters in open spaces
- **Built-in Memory:** 16Mb
- **Memory capacity:** up to 50,000 codes
- **Battery Capacity:** 1800mA
- **Operating Current:** 1A
- **Charging Voltage:** 5V
- **Operating time:** up to 24 hours with 1D codes and up to 16 hours with 2D codes
- **Charging Time:** 4 hours
- **Standby Time:** 30 days
- **Interface:** USB
- **Drop resistance:** up to 1.5 meters
- **Device dimensions:** 16 x 9.5 x 6.5 cm
- **Package dimensions:** 17 x 11.5 x 7.5 cm
- **Device weight:** 200 g
- **Package weight:** 290 g
- **Operating Temperature:** 0 to 40 degrees
- **Storage Temperature:** -40 to 60 degrees
- **Moisture:** 5% to 95%
- **Readable 1D codes:** Codabar, Code 11, Code 93, MSI, Code 128, UCC/ EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 2 of 5, Interleaved 2 of 5 (ITF), Standard 2 of 5, Matrix 2 of 5

- **Readable 2D codes:** QR, DataMatrix, PDF 417, Aztec, Xanxin, MicroPDF

Kit contents

- Wireless Multi-Dimensional Code Reader
- USB charging cable
- USB Receiver
- Manufacturer's manual in paper form
- User manual in electronic form in Polish

Features:

- **Scanning:** manual (push-button)
- **Scan speed:** 500 scans/second
- **Wireless range:** up to 100 meters in open spaces
- **Internal memory capacity:** up to 50,000 scanned codes

Master codes



Restore to settings
Factory



Software version



Battery level

Case settings



Lowercase



Uppercase letters



No case conversion



Case Conversion

Pairing the Scanner with the USB Receiver

1. To pair the reader with a USB receiver for radio communication, first scan the code below.



2. In the next step, you need to scan the code below.



3. Finally, plug the receiver into your computer's USB port. A single beep indicates that the reader is correctly paired with the receiver.

Beep settings



Beep off



Beep on

Sleep time settings



Sleep after 1 minute



Sleep after 5 minutes



Sleep after 10 minutes



Sleep after 30 minutes



Sleep off



Instant Sleep

Endpoint settings



CR



LF



CR+LF



CR + LF cancellation

2.4G mode baud rate settings



High transmission speed



Average transmission speed



Slow transmission speed



Very low transmission speed

Barcode Transfer Modes

1. Real mode

Codes are sent directly to your computer immediately after scanning.



Real-world mode

2. Storage mode

Scanned codes are saved in the built-in memory of the device, which can be later transferred to a computer.



Storage mode



Amount of data stored



Data transfer



Deleting data

Hide start and end characters



Hiding leading characters



Hiding trailing characters

- Number of characters to hide



1x



2x



3x



4x



5x



6x



7x



8x



9x



10x



11x



12x



13x



14x



15x



16x



Canceling Starting Characters



Cancel trailing characters

Prefix and Suffix settings

- **Display signs**



Prefix setting



Suffix setting

- **Control characters**



Character Set 0



Character Set 1



Character Set 2



Character Set 3



Prefix setting



Suffix setting



Cancel a prefix



Cancel a suffix

Virtual COM mode for radio communication



Virtual COM




















Pairing with a USB receiver

After reading the above codes, connect the receiver to the USB port of the computer.

Appendix 1. Control character table

Decimal	ASCII	Character Set 0	Character Set 1	Character Set 2	Character Set 3	Setting Code
1	SOH	NULL	Home	Ctrl+A	Alt+001	
2	STX	Ctrl+B	End	Ctrl+B	Alt+002	
3	ETX	Ctrl+C	Up Arrow	Ctrl+C	Alt+003	
4	EOT	NULL	Down Arrow	Ctrl+D	Alt+004	
5	ENQ	NULL	Left Arrow	Ctrl+E	Alt+005	
6	ACK	NULL	Right Arrow	Ctrl+F	Alt+006	
7	BEL	NULL	Shift+Tab	Ctrl+G	Alt+007	
8	BS	Back Space	Back Space	Back Space	Alt+008	
9	HT	Tab	Tab	Tab	Alt+009	
10	LF	Enter	Enter	Ctrl+P	Alt+010	
11	VT	NULL	NULL	Ctrl+Q	Alt+011	
12	FF	NULL	NULL	Ctrl+R	Alt+012	
13	CR	Enter	Enter	Enter	Alt+013	

14	S0	F1	Page Up	Ctrl+N	Alt+014	
15	S1	F2	Page Down	Ctrl+O	Alt+015	
16	DLE	F3	F11	Ctrl+P	Alt+016	
17	DC1	F4	NULL	Ctrl+Q	Alt+017	
18	DC2	F5	NULL	Ctrl+R	Alt+018	
19	DC3	F6	NULL	Ctrl+S	Alt+019	
20	DC4	F7	NULL	Ctrl+T	Alt+020	
21	NAK	F8	F12	Ctrl+U	Alt+021	
22	SYN	F9	F1	Ctrl+V	Alt+022	
23	TB	F10	F2	Ctrl+W	Alt+023	
24	CAN	F11	F3	Ctrl+X	Alt+024	
25	EM	F12	F4	Ctrl+Y	Alt+025	
26	SUB	NULL	F5	Ctrl+Z	Alt+026	
27	Esc	Esc	F6	Ctrl+[Alt+027	

28	FS	ALT+028	F7	Ctrl+\	Alt+028	
29	GS	ALT+029	F8	Ctrl+]	Alt+029	
30	RS	NULL	F9	Ctrl+^	Alt+030	
31	US	NULL	F10	Ctrl+_	Alt+031	

Appendix 2. Display signs

Decimal	ASCII	Setting Code	Decimal	ASCII	Setting Code
32	空格		45	-	
33	!		46	.	
34	"		47	/	
35	#		48	0	
36	\$		49	1	
37	%		50	2	
38	&		51	3	
39	'		52	4	
40	(	53	5	
41)		54	6	
42	*		55	7	
43	+		56	8	
44	,		57	9	

58	:	
59	;	
60	<	
61	=	
62	>	
63	?	
64	@	
65	A	
66	B	
67	C	
68	D	
69	E	
70	F	
71	G	

72	H	
73	I	
74	J	
75	K	
76	L	
77	M	
78	N	
79	O	
80	P	
81	Q	
82	R	
83	S	
84	T	
85	U	

86	V	
87	W	
88	X	
89	Y	
90	Z	
91	[
92	\	
93]	
94	^	
95	_	
96	`	
97	a	
98	b	
99	c	

100	d	
101	e	
102	f	
103	g	
104	h	
105	i	
106	j	
107	k	
108	l	
109	m	
110	n	
111	o	
112	p	
113	q	

114	r	
115	s	
116	t	
117	u	
118	v	
119	w	
120	x	
121	y	
122	z	
123	{	
124		
125	}	
126	~	
127	DEL	