

KBC56A

PC Keyboard in a Remote



SPECIFICATION

Power Supply: 3VDC (2 AAA dry cells)
 Stand By Current: <= 5uA
 Transmission: Infrared Carrier 38kHz +/-2%
 Encoding: RC5 - System Code 00H
 Dimensions: 193mm x 53mm x 23mm
 Weight: 75g +/-5g without batteries
 Operating Temp: 0°C to ~50°C
 Storage Temp: -10°C to ~60°C
 Resonator Freq: 455KHz +/-5%
 Key Lifetime: >100,000 (200gf/button)
 Range: 10 metres (30 feet)

Each key transmits the data code specified in the table below. A red LED indicates a key press with auto repeat occurring every 140ms if a key is held down. ESC, SHIFT, ALT, CTRL and other key combination functions are implemented by the IR receiver's host CPU allowing application flexibility.

RC5 DATA CODES (Hex)							
ESC	TAB	INS	DEL	▲PUp	◀HME	▶END	▼PDn
00	01	03	02	04	05	06	07
? ¥ /	* € \	(£ [) \$]	1 @	2 &	3 <	4 >
08	09	0A	0B	0C	0D	0E	0F
5 %	6 +	7 -	8 =	9 ~	0 #	A	B
10	11	12	13	14	15	16	17
C	D	E	F	G	H	I	J
18	19	1A	1B	1C	1D	1F	20
K	L	M	N	O	P	Q	R
21	22	23	24	25	26	27	28
S	T	U	V	W	X	Y	Z
29	2A	2B	2C	2D	2E	2F	30
' ! "	, ;	. : °	SPACE	CTRL	ALT	SHIFT	ENTER
31	32	33	34	35	36	37	38

KBC56A ORDER OPTIONS

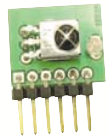
Part No	Description
KBC56A-1	IR keyboard for low quantity users.
KBC56A-2	No logo for OEM applications. Box of 100
KBC56A-1-Kit	KBC56A-1 keyboard + KBR38A1 receiver

Foreign language and custom designed overlays available.
 KBC56AC = Cyrillic (Russian). Refer to separate datasheet

Featured products and web are copyright 2008 Noritake Co., Limited

KBR38A1

Compatible IR receiver with user selectable asynchronous CMOS, RS232, RS485, SPI & I2C interfaces. Just 18mm square. Requires 5V at 13mA + LED shows status. Custom options available.



Noritake
itron[®]

Doc Ref: 32338 12 Jun 08

www.kbc56a.com