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.

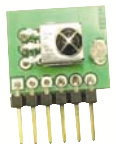| RC5 DATA CODES (Hex)							
ESC	TAB	INS	DEL	▲PUp	◄HME	►END	▼PDn
00	01	03	02	04	05	06	07
? ¥ /	* € \	(£ [	) $]	1 @	2 &	3 <	4 >
08	09	0A	0B	0C	0D	0E	0F
5 %	6 +	7 -	8 =	9 ~	0 #	A	B
10	11	12	13	14	15	16	17
C	D	E	F	G	H	I	J
18	19	1A	1B	1C	1D	1F	20
K	L	M	N	O	P	Q	R
21	22	23	24	25	26	27	28
S	T	U	V	W	X	Y	Z
29	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

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*®

www.kbc56a.com