

On the Subject of Gaming the Gamepad

Oh, the layout of the buttons on this thing takes me back to my childhood! Except I didn't expect to see that on a time bomb, even. Play time is over, I suppose.

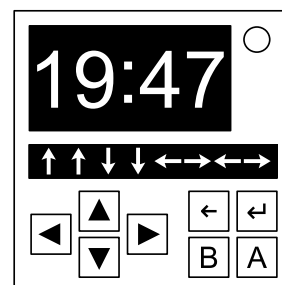
serial number odd: AB◀▶

$y \neq 7n$: ◀◀▲B

$x = c \times d$: A▲◀◀

unlit SND: ▶AB▲

no batteries: BB▶◀



x	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
0-										
1-										
2-										
3-										
4-										
5-										
6-										
7-										
8-										
9-										

Stereo RCA: $\blacktriangleright A \blacktriangledown \blacktriangledown$ lit FRQ: $B \blacktriangleright A$ $x \neq 7n$: $\blacktriangleleft \blacktriangleleft \blacktriangledown A$ $y = a \times b$: $A \blacktriangleright \blacktriangleleft \blacktriangledown$ PS/2: $\blacktriangle BBB$ $\geq 2b$: $AA \blacktriangleright \blacktriangledown$

y	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
0-							$B \blacktriangleright A$		$\blacktriangledown \blacktriangleright B \blacktriangleright$	
1-	$B \blacktriangleright A$				$B \blacktriangleright A$	 $\blacktriangle BBB$	$\blacktriangledown \blacktriangleright B \blacktriangleright$		$B \blacktriangleright A$	
2-	 $BAB \blacktriangleleft$	 $\blacktriangleright \blacktriangle \blacktriangle \blacktriangle \blacktriangleleft$	$B \blacktriangleright A$		$\blacktriangledown \blacktriangleright B \blacktriangleright$	 $\blacktriangle \blacktriangledown B \blacktriangleright$	$B \blacktriangleright A$	 $\blacktriangle BBB$	 $B \blacktriangleright A \blacktriangledown$	
3-	$B \blacktriangleright A$		$\blacktriangledown \blacktriangleright B \blacktriangleright$	 $\blacktriangleright \blacktriangle \blacktriangle \blacktriangle \blacktriangleleft$	$B \blacktriangleright A$	 $\blacktriangle BBB$	 $\blacktriangle \blacktriangledown B \blacktriangleright$		$B \blacktriangleright A$	 $\blacktriangle BBB$
4-	$\blacktriangledown \blacktriangleright B \blacktriangleright$		$B \blacktriangleright A$		 $B \blacktriangleright A \blacktriangledown$	 $BAB \blacktriangleleft$	$B \blacktriangleright A$		$\blacktriangledown \blacktriangleright B \blacktriangleright$	 $\blacktriangle \blacktriangledown B \blacktriangleright$
5-	$B \blacktriangleright A$	 $\blacktriangle BBB$	 $B \blacktriangleright A \blacktriangledown$		$B \blacktriangleright A$	 $\blacktriangle BBB$	$\blacktriangledown \blacktriangleright B \blacktriangleright$	 $\blacktriangleright \blacktriangle \blacktriangle \blacktriangle \blacktriangleleft$	$B \blacktriangleright A$	
6-	 $BAB \blacktriangleleft$		 $B \blacktriangleright A$	 $\blacktriangle BBB$	$\blacktriangledown \blacktriangleright B \blacktriangleright$	 $BAB \blacktriangleleft$	$B \blacktriangleright A$		 $B \blacktriangleright A \blacktriangledown$	 $\blacktriangleright \blacktriangle \blacktriangle \blacktriangle \blacktriangleleft$
7-	$B \blacktriangleright A$		$\blacktriangledown \blacktriangleright B \blacktriangleright$		$B \blacktriangleright A$	 $\blacktriangle BBB$	 $B \blacktriangleright A \blacktriangledown$	 $B \blacktriangleright A \blacktriangledown$	$B \blacktriangleright A$	
8-	$\blacktriangledown \blacktriangleright B \blacktriangleright$	 $\blacktriangle \blacktriangledown B \blacktriangleright$	$B \blacktriangleright A$		 $\blacktriangleright \blacktriangle \blacktriangle \blacktriangle \blacktriangleleft$	 $BAB \blacktriangleleft$	$B \blacktriangleright A$	 $\blacktriangle BBB$	$\blacktriangledown \blacktriangleright B \blacktriangleright$	
9-	$B \blacktriangleright A$	 $\blacktriangle BBB$	 $B \blacktriangleright A \blacktriangledown$	 $\blacktriangleright \blacktriangle \blacktriangle \blacktriangle \blacktriangleleft$	$B \blacktriangleright A$	 $\blacktriangle BBB$	$\blacktriangledown \blacktriangleright B \blacktriangleright$		$B \blacktriangleright A$	 $\blacktriangle BBB$

Global overrides

- $x = 11n \Rightarrow$ switch 1st/2nd and 5th/7th
- $a = 1 + d \Rightarrow$ switch the 3rd/4th and 6th/8th
- either x or y is **highly composite** \Rightarrow switch order of subcommands
- x and y are both **perfect squares** \Rightarrow flip sequence