

IBM XT/AT Keyboard connections
 BY G8MNY

5 Pin DIN Looking at Plug Pins Function
 or Computer socket cons.

5 3 4	1	1 CLOCK
2 1		2 DATA
^		3 RESET (not)
		4 GND
		5 +VE (e.g. 12v feeding keyboard +5v Reg)

NB. AT & XT keyboard use quite different data code sets, so some early keyboards had a switch to change over between these. The encoding is not only different per key, but the AT one sends 1 code for key down & another code for key release, whereas the XT ones just keep repeating the key down code.

PS2 Modifications.

Fitting a normal DIN on a keyboard cable in place of the PS/2-type connection. Which avoids the expense of an adapter.

Keyboard End looking into the plug	PS/2 DIN connection Function	5-pin DIN
- - - - -	1 NC	1 Brn
1 2 3 4 5 6	2 White	2 Wh
	3 Black	3 NC
	4 Brown	4 Bk
	5 Red	5 Red
	6 NC	
	6 No Connection	

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 73 De John, G8MNY @ GB7CIP