



Direct RS-232 Communications between the PC and the Door Controller

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The information in this article applies to:

- * Readykey for Windows Version 3.X or Higher
- * Readykey K2100/K1100 Door Controllers

General

- Readykey utilizes RS-232 communications between the PC and the Door Controller.
- The maximum wire distance between the PC and the Door Controller cannot exceed 15 meters (45 feet). If the distance needed is greater than 15 meters (45 feet) then a powered line driver or a short haul modem is needed.
- It is recommended that a 6 conductor 22 AWG shielded cable be used between the PC and the Door Controller.

Cable Diagram

Direct RS-232 PC to Door Controller

PC Serial Port			Door Controller		
9 pin male D-Type port			PRINTER / RS232 port		
RX	2	-----	TX		
TX	3	-----	RX		
GND	5	-----	GND		
PC Serial Port			Door Controller		
25 pin male D-Type port			PRINTER / RS232 port		
TX	2	-----	RX		
RX	3	-----	TX		
GND	7	-----	GND		

Note: The Serial Port Protection Module must be used on the PRINTER / RS232 port of the Door Controller.



Door Controller Setup

Master Controller

A. System Type	=	2
B. Baud Rate	=	9600
C. Dip Switches	=	1,2,3 On, 4 Off
D. Connect Modem	=	N

Readykey For Windows Programming

Installer

A. Masters:	Type:	=	K2100
	Port Number:	=	1 or 2
B. Controllers:	Door Controller Type:	=	K2100 or K1100 (V3 if applicable)
	Enable Controller:	=	Yes or Checked

KBCategory: Installation

KBSubcategory: Communications

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Page 2 of 2