Setup Instructions
for Using the SK-MDM Modem
Best Data, Model 56SPX
with the Secura Key 28SA-Plus
Access Control Unit and/or the
SK-ACP Advanced Control Panel

Secura Key

A Division of SOUNDCRAFT Inc.

Setup Instructions for Using the SK-MDM Modem with the Secura Key 28SA-Plus Access Control Unit and/or SK-ACP Advanced Control Panel

The SK-MDM Modem (Best Data Smart One 56SPX) has been selected by Secura Key for use with 28SA-Plus Access Control Unit and the SK-ACP at remote locations. The SK-MDM is connected directly to the RS232 port of a 28SA-Plus or an SK-ACP.

The 28SA-Plus and SK-ACP contain the configuration data or "setup string" for the SK-MDM, which allows the modem to be configured in the field by the reader without the use of a computer, and without setting DIP switches.

Note that the setup string stored in the 28SA-Plus and SK-ACP is only used for modems at remote locations. If you are using a SK-MDM at the PC location, use the setup information provided with the modem for installation with your PC.

MODEM REAR PANEL CONNECTIONS - REMOTE SITE

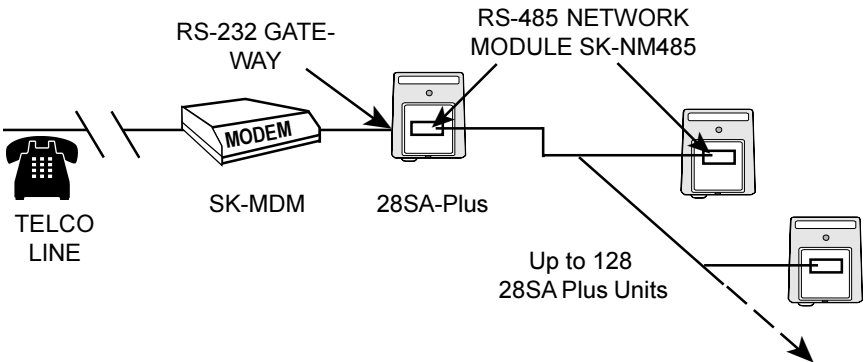|	
Line	Connect to the phone line at the remote site (**not** the RJ-11 Jack on the reader).
Phone	Not required.
Serial Port	Connect to 28SA-Plus or SK-ACP RS232 Port (see Manuals for wiring details).
Power	Connect the 9VAC plug-in transformer supplied with the unit.

SETTING UP THE BEST DATA 56SPX MODEM

The order of these steps is critical, particularly when turning power on to the modem and reader or SK-ACP.

1. Remove power to the 28SA-Plus or SK-ACP
2. Connect cable from reader to modem
3. Turn power to the modem on
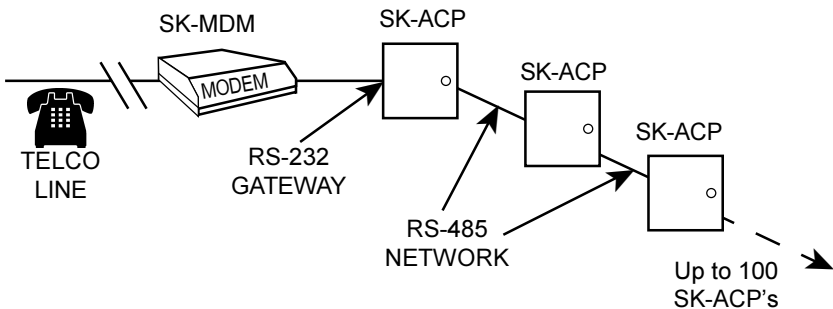4. Turn on power to the 28SA-Plus or SK-ACP

The modem is now set to "auto answer" and "dumb" mode. You can now connect to reader from the PC location. Verify that the TR, CD and AA lights are lighted (on) on the modem display.

NOTE: The default baud rate is 9600 baud. A 38,400 baud rate is recommended. You can change the baud rate of a 28SA-Plus using the PD-26 program deck, and the SK-ACP using SK-NET™ or a terminal program.

REMOTE SITE MODEM CONFIGURATION with 28SA-PLUS

RS-232 GATE-WAY

RS-485 NETWORK MODULE SK-NM485

MODEM

TELCO LINE

SK-MDM   28SA-Plus

Up to 128 28SA Plus Units

REMOTE SITE MODEM CONFIGURATION WITH SK-ACP

SK-MDM   SK-ACP

SK-ACP

SK-ACP

MODEM

TELCO LINE

RS-232 GATEWAY

RS-485 NETWORK

Up to 100 SK-ACP's

CABLE PINOUT

When using the Secura Key supplied cable, the following color code pinout will apply.

PANEL / READER	WIRE COLOR	DB25
1	BLACK	7
2	WHITE	3
3	RED	8
4	GREEN	4
5	ORANGE	2

ADDENDUM

RS-232 PIN NUMBER CONNECTIONS							
SK-ACP / ENTRACOMP® 28SA-PLUS			PC OR TERMINAL		PRINTER	MODEM	MODEM
SIGNAL DESCRIPTION	SK-ACP J7	28-SA-PLUS TERMINAL BLOCK	DB-25S (FEMALE) PIN #	DB-9S (FEMALE) PIN #	DB-25P (MALE) PIN #	DB-25P (MALE) PIN #	DB-9P (MALE) PIN #
SIGNAL GROUND	1	1	1 & 7	5	1 & 7	7	5
RECEIVE DATA (RXD)	2	2	2	3	N/C *	3	2
CLEAR TO SEND (CTS)	3	3	4	7	20**	8	1
REQUEST TO SEND (RTS)	4	4	5	8	N/C*	4	7
TRANSMIT DATA (TXD)	5	5	3	2	3	2	3
* FOR HARD-WIRED PRINTER MODE, CONNECT TERMINAL 2 TO TERMINAL 4 . ** PIN 20 OR PRINTER READY/BUSY.							

SUPPORT

Contact Secura Key technical support for problems with the modem when used with the 28SA-Plus, SK-ACP or SK-NET™ software. Contact Best Data for general modem support issues, such as Internet access, PC compatibility, repairs, etc. Refer to the modem as the 56SPX in all correspondence with Best Data.

WARRANTY

The 56SPX is warranted by Best Data Products. Please register your modem with Best Data Products, and contact Best Data regarding any warranty issues.

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