

Application Note

Product: Telecourier Paging System and Zettler Nursecall
Purpose: Integration of Ascom paging system and an external equipment.
Date: 8/30/2005

Ascom teleCOURIER Paging System and Zettler Nursecall

Overview

The Ascom Paging system can be integrated with external equipment such as nursecall systems, alarm systems, and others by adding a T942SI Serial Interface Module. The T942SI functions as a protocol translator, converting the message sent by the external system to a paging that is sent to the pocket unit (pager). In this document, the external system will be a Zettler Nursecall System.

Hardware Requirements

Ascom Hardware

942C Central
U952T Transmitter
942SI Serial Interface (TAP)

Zettler Hardware

Zettler Nursecall

Configuration

Ascom

Configure the Paging system as normal and add the T942SI module. The 942SI Serial Interface should be configured for the TAP protocol. 9600, 7, E, 1.

Zettler

Configure the Pocket Pager communication port for TAP, 9600, 7, E and 1. The configuration is done in Section 222 of the Zettler.INI. See the example below where port 4 is configured to integrate with an Ascom paging system.

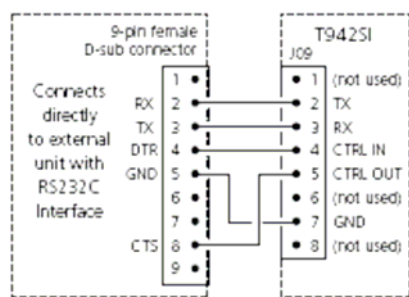
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```
;Section 222
[Ports]
BadPorts=No
PTA=1
PTAInit=4800,e,8,1
Pager=4
PagerInit=9600,e,7,1
HIS=
HISInit=
SilentRadio=
SilentRadioInit1=
Wireless=3
WirelessInit=9600,e,7,1
```

Connection

Connect the Zettler to the 8-pin modular connector J09 on the 942SI Serial Interface according to the applicable drawing below.



Additional Information

If you have any questions about this bulletin, please contact Ascom Technical Services at 1-877-712-7266 option 3.